



01 Feb 1989

## The Missouri Miner, February 01, 1989

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

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

---

### Recommended Citation

"The Missouri Miner, February 01, 1989" (1989). *The Missouri Miner Newspaper*. 2509.  
[https://scholarsmine.mst.edu/missouri\\_miner/2509](https://scholarsmine.mst.edu/missouri_miner/2509)

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



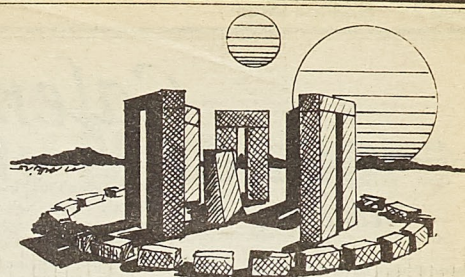
# Missouri Miner

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

February 1, 1989

Volume 77, Number 18

Twenty-four Pages



## St. Louis Symphony plays UMR UMR selected IBM CIM

### Submitted by News & Publications

The Saint Louis Symphony Orchestra will perform musical selections that include classical, chamber and pops at 8 p.m. Friday, February 17, in the Multi-Purpose Building at the University of Missouri-Rolla. The performance is part of UMR's Campus Performing Arts Series.

Admission to the concert is by season ticket or individual performance ticket (free for UMR students with a valid UMR ID, \$5 for other students and retirees, \$7.50 for all others.) Advance tickets are available from 8 a.m.-noon and 12:30-4:30 p.m. weekdays at the reservationist's window in the University Center-West. Tickets also will be available at the door beginning one hour prior to the performance.

Founded in 1880, the symphony's season has grown from its original six annual concerts to more than 240. Performances include 22 different concert series, including midwestern, national and international tours; educational concerts, the Saint Louis County Pops; a chamber music series; and Summerfest series. It also has performed in Carnegie Hall and in Lincoln Center's Avery Fisher Hall.

The symphony, which consists of 101 musicians, is the second-oldest American symphony orchestra. It celebrates its 110th anniversary season this year. The orchestra has received numerous awards for outstanding performances over the years.

The orchestra is under the direction of Leonard Slatkin, who is beginning his 10th year as music director and conductor.

Kirk Muspratt, who serves as affiliate artist assistant conductor of the

see Symphony, page 2



Courtesy News and Publications

The St. Louis Symphony Orchestra is due to perform at the Multi-purpose building on Friday, February 17.

## World Headlines:

### A summary of the past week in the real world

By David Freeman  
Staff Writer

This article is the first in a series that will cover a few of the major news stories that are headlined in the St. Louis Post Dispatch. Unfortunately the news will be a week old but, as the saying goes, "No news is old news."

The most talked about item from the front page on Monday was the racial violence that hit Miami on Monday, January 16th. The rioting started after a black man riding a motorcycle was shot down and killed by a Hispanic Miami police officer. The passenger on the motorcycle died as well due to the injuries sustained when the motorcycle collided with a car. The other hot item was the 34 second victory by the San Francisco 49ers over the Cincinnati Bengals in the Superbowl in Miami, Florida.

In Tuesday, January 24 news, the Supreme Court ruled the previous day that only in certain "extreme cases" may state and local governments include "race-conscious" plans to break down discrimination. The decision affected 200 nationwide affirmative action plans.

The earthquake that shook Soviet Armenia on December 7, 1988 was followed by another on January 23 of this year. This quake killed at least 1,000 people in comparison to the 25,000 killed in the first. Most of the damage was done by a 50-foot wall of dirt mudslide, that proceeded one and a half miles destroying one village and damaging two others. The quake was in the pre-dawn hours and no warning could be conveyed.

On a brighter note, new President George Bush has urged his staff to work as their jobs are "time-consuming

killers." The President started his work week by putting in eleven hours on Monday.

Wednesdays news includes one of Missouri's state parks, Johnson Shut-Ins, to be enlarged by almost four times. The park would include land between its current area and Taum Sauk Mountain, Missouri's highest peak. The addition of the 6,300 acres would cost \$1.25 million over a period of five years.

Also on Wednesday, the National Urban League said that the economic gap between blacks and whites widened under ex-President Reagan, but is looking encouraging under the new President. Said John Jacob, President of the Urban League, "blacks were the only major ethnic group whose employment rate rose during the 1980's."

see Headlines, page 23

### Submitted by News & Publications

The University of Missouri-Rolla has been selected by the IBM Corp. to participate in an education partnership program which will strengthen UMR's computer-integrated manufacturing (CIM) learning resources, according to Dr. John Park, UMR vice chancellor for academic affairs.

UMR was one of 48 two- and four-year colleges and universities in the United States selected for the program.

"We look forward to working with IBM on this cooperative project. UMR will expand its already well-established CIM education program and hands-on training and demonstration facilities, and, in return, IBM will provide equipment along with software and consulting and technical support," Park explained.

Dr. Robert L. Davis, dean of the School of Engineering at UMR, said, "IBM has contributed much to the success of UMR's instructional programs in computer-aided design and computer-aided manufacturing in the past, and we are grateful for its continued support."

Dr. Sema Alptekin, UMR assistant professor of engineering management and the designer and director of the CIMF laboratory, will coordinate its continued development and work with IBM representatives to design programs that IBM can use for its employees or clients.

"In our proposal to IBM, we requested support for a program to advance UMR's ability to provide undergraduate students and industries with instruction in the methods used to control manufacturing systems with computers," Alptekin said. "In addition to expanding our present computer-integrated manufacturing facility (CIMF), UMR is interested in developing an instructional program for its students, which also can be offered during the summer to faculty from other universities and community colleges and to individuals from the business community," Alptekin added.

"The CIMF laboratory is located in the new Engineering Management Building because of the basic interdisciplinary nature of our engineering management program. The facility is equipped with industrial-grade equipment designed for instruction in several CIM courses and also provides an integrated manufacturing system for undergraduate and graduate research projects," she continued.

"A physical modeling laboratory augments the CIMF and includes Fischertechnik model building kits, interfaces and two micro-computers. Students use this scale model to study robotics modelling and design new robotics systems, and they explore new and novel approaches to solving engineering problems while taking into account cost considerations and resource limitations," Alptekin said. "These laboratories allow student to

see IBM, page 23

## EIT applications available

### Submitted by News & Publications

Applications for enrollment for the Engineer-In-Training (EIT) examination at the University of Missouri-Rolla are now available to qualified students.

Students who are graduating from an accredited engineering curriculum in the spring, summer or fall semesters of 1989 are eligible to apply. Applications for enrollment are available in 111 Civil Engineering Building. The deadline for applications to reach Jefferson City is March 2.

The Fundamentals of Engineering Examination will be given from 8 a.m. to 5 p.m. Saturday, April 15, at UMR. Review sessions will be held on campus with dates and topics to be announced later. All applicants are welcome to attend.

GIVE

BLOOD

+

WED. & THUR.  
FEB 1<sup>st</sup> & 2<sup>nd</sup>



# Calendar of Events

## Wednesday

Student Council Blood Drive, Centennial Hall.

Black History Month Opening Day Ceremony

Wednesday Mass, 9 p.m., Newman Center

Juggling Club, 6 p.m., 102 Old Cafeteria

SAE Meeting, 7 p.m., 104 ME

Kappa Kappa Psi Meeting, 7 p.m., 104 Old Cafeteria

Polymer Topical Group Meeting, "Innovative Imidazole Polymers," Dr. Harvost Collier and Rick Elmer, 7:30 p.m., 321 Schrenk Hall. Free.

Angel Flight Informational Meeting, 6:30 p.m., 207 Harris Hall. Any interested ladies please stop by and see what Angel Flight can do for you. Angel Flight is a nationally recognized service organization whose members act as hostesses to UMR. We hope to see you there.

## Thursday

Student Council Blood Drive, Centennial Hall.

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

SUB Sponsored Trip to Blues Hockey Game, St. Louis.

Toastmasters Meeting, 4:30 p.m., UCE.

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

ACM Meeting, 7:30 p.m., G-5 H-SS

Bible Study Club, 7 p.m., 101 EE

Sport Parachute Meeting, 7 p.m., McNutt

Chi Epsilon Meeting, 4:30 p.m., 117 CE

UMR Film Series, "The Dead," 7:30 p.m., 104 ME. Admission by season ticket or \$3 at door.

Rollamo Photographers Meeting, 7 p.m., 304 Rolla Bldg. Interested in photography? Stop by.

Pi Tau Sigma General Meeting, 7 p.m., 216 ME

Table Tennis Club First Meeting, 4 p.m., Ozark Room, 2nd floor, UCW. UMR-TTC will provide an opportunity for members to share their knowledge about table tennis with others and to practice and prepare for tournaments. It will provide good competition and help for each member. Call 341-3807 for more information.

## Friday

APO Book Sales, final day

M-Club Meeting, 8 p.m., 114 CE

Korean Student Association Meeting, 7 p.m., Missouri Room.

Campus Crusade for Christ Meeting, 7 p.m., 202 M-CS

Chinese Student Association Movie Series, 6 p.m., G-3 Schrenk

SUB Movie, "Eight Men Out/Bull Durham," 7 & 9 p.m., 104 ME

Video Communications Center presentation, "Star Schools: Teaching and Learning through Technology," 1-3 p.m., Video Communications Center. For further information, contact Ginny Elliott, Media Based Programs, 341-6460.

## Saturday

Lady Miner Basketball vs. SEMSU, 5:30 p.m., Multi-Purpose Building. Free.

Miner Basketball vs. SEMSU, 7:30 p.m., Multi-Purpose Building. Admission charged.

Swimming vs. Hendrix College, 1 p.m., Multi-Purpose Building.

Raider Dance, 7 p.m., Centennial Hall

SUB Movie, "Eight Men Out/Bull Durham," 7 & 9 p.m., 104 ME

## Sunday

KMNR Meeting, 8 p.m., 107C Mining

## Monday

NSBE Meeting, 7 p.m., 204 McNutt

Campus Christian Fellowship Meeting, 7 p.m., Missouri Room. Come see "Christ in Action." Bring your friends!

## Tuesday

AKA Dating Game, 6 p.m., Centennial

Alpha Chi Sigma Professional Chemistry Fraternity Smoker for new pledges, 7 p.m., 126 Chem Eng Bldg. Open to chem, chem eng, life science, metallurgical, ceramic, petroleum, nuclear eng students. For info, contact Fred Roe at 364-6246.

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

Video Communications Center presentation, "Creating a Campus of the Future: Myths, Models, and Realities," 10 a.m.-3 p.m., Video Communications Center. For further information, contact Ginny Elliott, Media Based Programs, 341-6460.

Society of Women Engineers Meeting, 5:45 p.m., Mark Twain Room

## Next Wednesday

Miner Basketball at UMSL

Civil War Interest Society Organizational Meeting, 6:30 p.m., 104 H-SS

Kappa Kappa Psi Meeting, 7 p.m., 104 Old Cafeteria

ASME Meeting, 7 p.m., 104 ME. Anheuser Busch Presentation

ASCE Meeting, 6:30 p.m., 114 CE

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

Juggling Club Meeting, 6 p.m., 102 Old Cafeteria

## Noday

Attention May Graduates: If you did not receive a letter from Lauren Peterson after Christmas telling you that your name is on the May Graduation

list, go to the Registrar's Office as soon as possible. Graduate students must do this by January 25, 1989.

All students interested in receiving financial aid for the 1989-90 academic year should now pick up the ACT Family Financial Statement outside the Student Financial Aid Office, 106 Parker Hall. The packets need to be received by ACT by March 31, 1989 to meet the priority deadline for financial aid for the 1989-90 academic year.

Attention graduate students: Did you know that you can join Tau Beta Pi? If you are a graduate student in high standing and outstanding character and you are interested in joining Tau Beta Pi, please contact John Dalton at 364-5707 for more information.

APO Bookstore will be returning books or money to everyone who took advantage of this service. Bookstore is open Mon.-Fri. 9:30 a.m.-3:30 p.m. in UCE during the first two weeks of each semester.

## Financial Aid

The following scholarships are currently available for the 1989-90 academic year. More information may be obtained from the Student Financial Aid Office, 106 Parker Hall.

Society of Women Engineers:

Three separate scholarships are available.

\* Community College Scholarship

- \$250 awarded on the basis of merit to a qualified woman from a Kansas City area community college pre-engineering program transferring to an approved engineering school.

\* Re-entry Scholarship

- \$250 awarded based on merit to a qualified woman who has been out of the engineering job market for a minimum of 5 years and will return to school in an engineering program.

\* Senior Scholarship

- \$250 awarded based on merit to a woman engineering student entering her senior year in college.

Kansas City, Missouri School District Teacher

Tuition Assistance Program

- Will provide payment of tuition and course-related costs in exchange for contract to teach in Kansas City School District.

- Must be a junior or senior.

Society of Professional Well Log Analysts

- Must be pursuing a degree program related to oil, gas, or other mineral formation evaluation.

- Available to undergraduate and graduate students

- Awarded on academic achievement, career objectives, and financial need

## Missouri Miner

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

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

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

Submissions for publication must be in our drop box (first floor of the Rolla Building) by 4:30 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.

302 Rolla Building  
University of Missouri-Rolla  
Rolla, MO 65401-0249  
Advertising office: (314) 341-4235  
Business office: (314) 341-4312

## Missouri Miner

Editor-in-Chief  
Liz Trimble  
(417) 967-3428

Business Manager  
Stephanie Dinwiddie

Managing Editor  
Cheryl Tefft  
364-8612

Assistant Managing Editor  
Babu Barat

Advertising Director  
Maria Lahm  
364-9511

Assistant Advertising Director  
Terry Brackett  
364-1137

News Editor  
John Pope  
364-8968

Assistant News Editor  
Scott Martin

Features Editor  
Nikki Pagano  
364-8989

Assistant Features Editor  
Amy Nash

Sports Editor  
Jeffrey Esparrago

Photo Director  
Dave Libiez  
364-5226

Copy Manager  
Dan Gualtieri

Writers  
Jim Brady  
David Freeman  
Danny Giblin  
Mike Hurst  
Nora Okong'o  
Lisa Tieber  
Marcia Waggoner

Photographers  
Andreas Bartels  
Pete Corpeny

Advertising Representatives  
Iris Brinegar  
James Eoff  
Susan Turner  
Leslie Vigna

Graphics  
Marcus Adkins  
Tracy Rademan

Typesetters  
Judy Allen  
Babu Barat

Proofreader  
Derek Cornwell

## Symphony

symphony, will conduct the orchestra's performance in Rolla.

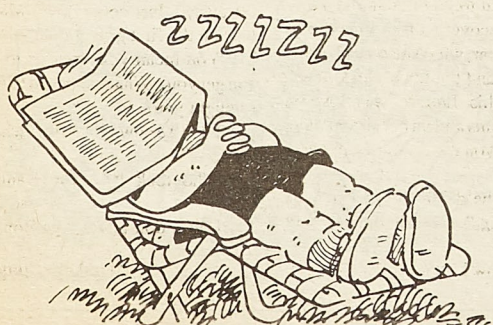
Muspratt, who is beginning his second year with the symphony, also serves as music director of the Saint Louis Symphony Youth Orchestra. Muspratt was named a Conducting Fellow at the Los Angeles Philharmonic Institute in 1988, where he conducted regularly at the Hollywood Bowl. He also led the Detroit Symphony Orchestra in concerts at the Meadow Brook Music Festival.

Muspratt has served as music director for the Grande Prairie Symphony Orchestra and the Edmonton Philharmonic Orchestra. He also has made guest conducting appearances on CBC Radio Canada. Muspratt has conducted the Rome Festival Orchestra in Italy and served as rehearsal conductor for the Vienna Chamber Symphony Orchestra.

The recipient of numerous awards as a conductor and a pianist, Muspratt

was selected a Conducting Fellow at the Aspen Music Festival in 1986. He received the Johann Strauss Prize for advanced study in conducting in 1983, which enabled him to study at the Vienna Conservatory.

The performance is presented by the Campus Performing Arts Series and the Missouri Arts Council.



<b>Commonwealth</b> FORUM TWIN 1101 E. 14th ST HAINMAN Holdover PG Evenings at 7 & 9:30 Sat & Sun 2 & 4:30
HER ALIBI Starring Tom Selleck PG Evenings at 7:10 & 9:10 Sat & Sun 2:10 & 4:10
UPTOWN 11th & PINE ST WHO IS HARRY CRUMB? Starring John Candy PG-13 Evenings at 7 & 9 Sat & Sun 2 p.m.
RITZ 809 ROLLA ST A CRY IN THE DARKNESS Evenings at 7 & 9 Sat & Sun 2 p.m.
MOVIE HOT LINE 341-2418



# Features

## Ratt headlines Valentine's Day Massacre

By Babu Barat, Asst. Managing Editor & Steve Bryant, Staff Writer

Leather pants, teased hair, hot guitarists, screaming vocals, and more makeup than you would find at a high class fashion show. This was the height of the Los Angeles metal scene in the early 1980's. A time when glam began. A time that has given us bands such as Y & T, Motley Crue, Dokken, Quiet Riot, Autograph, and many more. Now as we head towards the end of "the decade of metal", few of these once called "baby bands" exist. And if they do, not with the members who created their original magic.

But there is one Los Angeles band. One band that hasn't changed its image. One band that hasn't fallen into the hands of the commercial market. One band that boasts its original lineup. This one band is Ratt. After taking a well deserved year off from their hectic schedule, Ratt is back! Stephen Percy (vox), Warren DeMartini (guitar), Robbin Crosby (guitar), Juan Croucier (bass), and Bobby Blotzer have returned with their distinctive brand of metal, formally known as Ratt n' Roll. This quintet is

once again infesting the households of the world on their latest release *Reach For The Sky* (Atlantic). Taking almost a year to complete, *Reach For The Sky* is clearly the band's best work to date. The time and extra effort that was put into this record shines through on the playing as well as the fine production work of Mike Stone. And to add the final touches to the album, famed Ratt producer Beau Hill was brought in. Songs like "City To City", "Bottom Line", and "Chain Reaction" reiterate the power this band unleashed when it first made headlines on its multi-platinum album *Out Of The Cellar*. The single "Way Cool Jr." has already cleared regular rotation on MTV as well as on radio stations all over the world. We had a chance to speak with guitar wiz Warren DeMartini the day before the shooting for their new video "I Want A Woman".

Babu: How are you Warren?

Warren: Great!

B: Congratulations on your recent marriage.

W: Thanks a lot. After the two of us were together for a few years, we decided to tie the knot.

B: Are you from San Diego?

W: I was born in Chicago, but when I was young my family moved out to San Diego and that is where I met Steven and Robbin.

B: What part of San Diego?

W: I lived in La Jolla. Now we live in

Los Angeles. As a matter of fact where I live right now looks a lot like La Jolla.

B: Let me ask you a little about the record. This album is obviously leaps ahead of those from the past as far as playing and production are con-

cerned. What were the major differences on this one opposed to the others?

W: I agree. The reason was because the scheduling. Mike (Stone) did everything except for the mixing and vocals on the album. He did all the basic tracks and overdubs. He would accommodate everyone's schedule. It made a huge difference for me because I play better at night. That is what I call my hottest hour of concentration. The other albums we would record right after coming off tour and it would take us two months. We had some time to work on this one. It took us six months, and if you include the composing of it, a whole year.

B: That's why it sounds so good?

W: Yeah, I really think so. When we got off the road last year I said we can't just go right back in and do another album because you've got to stop at a point and recharge your batteries. Tradition was before that, we would get off the road and go right in and record. It made things a little close

see Ratt, page 4



Courtesy of Atlantic Records

The members of Ratt (Warren DeMartini, Robbin Crosby, Stephen Percy, Bobby Blotzer, Juan Croucier) return with *Reach for the Sky*.

## Nicaragua's other side

By Nora Okong'o  
Staff Writer

Nicaragua! The name invokes images of guerillas huddled in the bush, of Congressional controversy, of Contras and Sandinistas. But there is another side to Nicaragua, as some of us learned during a talk and slide show presented by Dr. Hal Day. Most of the audience seemed to be faculty; perhaps the low student turnout was due to lack of publicity.

Dr. Day is originally from St. Louis, and holds a Ph.D. in aeronautical engineering. A graduate of Stanford University, he spent four years teaching at the Virginia Polytechnic University before going to Nicaragua in February 1987. He has spent almost two years in Central America, mostly teaching at the Engineering University in Nicaragua, with four months spent in Guatemala. He went to Central America as a volunteer with tecNICA, an organization which sends technicians and professionals to help solve some of the problems facing Nicaragua. It also aims to promote cross-cultural understanding—it was clear from his presentation that this was something Dr. Day felt he had gained.

He started the talk with a description of a few of the personal reactions he had to the poverty, culture and political situation he encountered in Central America. Then he went into some of the historical background of the five Central American countries: Nicaragua, Honduras, El Salvador, Guatemala, Costa Rica. These were once a part of a Spanish colony. Political

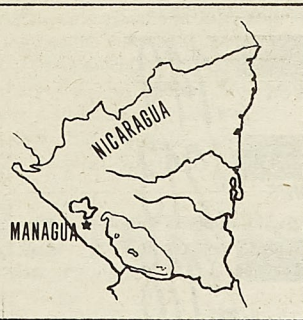
difference have often characterized their relationship. Dr. Day also mentioned the effects of American involvement. The effect of the Marine presence from 1912 to 1934 is seen in the fact that Nicaragua's favorite sport is baseball. Dr. Day's opinion is that American involvement in Nicaragua



in the past had been largely detrimental to the people of that country. Also, Nicaragua's export-oriented economy is weak and has left it dependent. An earthquake that devastated Managua (the capital) in 1972, and the recent hurricane that destroyed housing and crops worth over \$800 million have further weakened the economy.

After these economic and geopolitical insights, Dr. Day went on to show us slides, not of Sandinistas or Contras, but of Nicaragua's everyday life. Several slides showed the terrain and countryside life. A good number were of Managua, where one million of Nicaragua's three million people live. One got the impression that the city consisted of dilapidated houses

and hastily constructed shacks. The nearby Lake Managua is heavily polluted, and contains mercury from industries run during the former Somoza regime. Pollution and poor sanitation result in serious health problems, none of which Dr. Day was completely spared during his stay in Managua.



In conclusion, Dr. Day pleaded for American help and understanding for Nicaragua, urging Americans to find out what they are doing in Nicaragua and why they are doing it.

Two books to read for more information are:

- *The CIA in Guatemala—Foreign Policy of Intervention* by Richard H. Immerman, published by Texas Pan American Press; and

- *The Central American Fact Book* by Tom Barry and Deb Preusch published by Grove Press, New York.

For more information about tecNICA, write to: Tecnica Volunteers, 3254 Adeline, Berkeley, CA 94703; or contact Tom Seager, 311 Math-Computer Science.

## The Return of Anne

By Nora Okong'o  
Staff Writer

Last week, Vince, a struggling student of photography, discovers a dead man's body. This week, the conclusion of our story...

\*\*\*\*\*

The natural consequence of his discovery, in this age of mass media, was that Vince became a local overnight celebrity. He related his experience on the six o'clock news, and on the ten o'clock news, and was looking forward to going on national TV. That, alas for Vince but fortunately for the world, was not to be. The reason, of course, was the highly suspicious circumstances in which he had discovered that body. What sane person went shooting barren fields in the middle of winter? How exactly had he found the body in that deserted field? It looked like his worst fears were about to materialize—he was emerging, in the eyes of the local police chief, as the primary suspect.

The man he had discovered had no identification on him. No one around knew him, so it appeared that he was either a recluse or from out-of-state. He was about to go on national TV—until the discovery of an abandoned dark brown car, which also went on the six o'clock and the ten o'clock news.

All of this fanfare was lost on Linda's parents and on her sister Anne, the mother, you recall, of a brand new baby.

"I wish she'd call us or write to us or something," Linda's mother said tearfully.

"You know Linda," her father said,

ing til they get married to tell us."

"If only she'd call," her mother said, as though she hadn't heard the last two statements.

Anne tried in vain to comfort her mother. This painful family scene was interrupted by the rude ring of the telephone.

"Hello?" Linda's father answered brusquely.

"Dad? I'm so glad to—"

"Linda! Where have you been?"

This exclamation brought the whole family to the phone.

"Ask her where she is." Tell her to come home."—it was difficult to tell who was talking.

"Dad, listen to me," Linda pleaded. "I'm in trouble."

"It's that Hammond boy, isn't it?"

"No! Dad, will you listen to me? I'm in real danger."

"Well, where are you?"

"I'm not sure. Somewhere near the city, near MM highway."

"Near the university?"

"I think so. I'm not quite sure how far away. Just come down MM and turn on the first gravel road—"

"You mean you want us to come and get you? What happened to the car I bought you?"

"I don't know. He took it when we got to—"

"Who took it? The Hammond boy?"

"Dad, I don't even like Bob. The

see Anne, page 8



## Ratt

from page 3

together. We took a lot of chances this year. For one, we took a lot of time off and we did most of the album with a different producer.

**B:** What is the song "Way Cool Jr." about?

**W:** The song wasn't suppose to be on the album. Mike passed on it. But when Beau heard it he wanted to record it. The song was done, but there weren't any vocals. So Beau and I sat down to write them and he had this idea about this Way Cool Jr. guy. So I made it about a blues guitarist from the late thirties. But that is just me. The song is really about a fictitious person who is on his way to be doing what he wants to do. It's not about any particular person.

**Steve:** Speaking of "Way Cool Jr.", did you use slide guitar on that song?

**W:** Yes, I did.

**S:** Is that the first time you used slide on an album?

**W:** Yes.

**S:** How was it? Do you practice slide a lot?

**W:** Yes I've been practicing a lot. It's something that I really had to work at. The method involved is kind of tricky sometimes just because it is so easy to goof up. I kind of took that as a

challenge. I'm pretty happy with the way it came out on the record.

**S:** Do you still spend a lot of time practicing, especially non-musical things?

**W:** Do you mean like scales and things.

**S:** Yeah.

**W:** Yes I do. Because if you want to keep up your speed and dexterity it is something you have to constantly work with. It's just like if you work out. If you don't warm up then you might pull a muscle. If I don't play for a while I can definitely feel the difference. So you really have to keep up with it. I practice the most before I go into the studio and before we go on tour. It's mostly trying to come up with song ideas.

**S:** Do you do any pre-show warm-ups?

**W:** It depends on the weather. It depends on where we are playing because sometimes it takes a lot longer to get the blood flowing. When it's right I go through the parts I'm going to be playing in the show, but that's about it.

**S:** I've heard that many guitar players have superstitions about how they know if a particular show will be good for them. Whether they can play a

specific solo or part prior to a show. Do you have anything like that.

**W:** I don't really believe in superstitions. I try to stay away from them because that can mentally psyche you out. It might work for others, but it's not for me.

**B:** When listening to this album or any other Ratt record, how does one tell which guitars are you and which ones are Robbin?

**W:** That's a really tough question. Most of the lead is me. But that's hard to say. That's why it is important for people to come to the show and see us live.

**B:** How do you decide who plays on any given song?

**W:** Usually if I write the song I can play that particular groove the best. So if I write it I usually play lead which is usually half. From there it just comes down to feel and if there is a particular song either one of us wants to play, we can.

**B:** Your style seems to be a lot more "wirey" and there's a lot more attack involved?

**W:** Yeah I agree.

**B:** When did you first pick up the guitar?

**W:** In early 1978 when I was about 15.

**B:** When did you decide to become a musician?

**W:** When I was about six years old. I am the youngest of six and that ranges all the way up into the forties now. When I was a little kid my brothers and sisters were listening to a lot of music. I heard all that music when I was growing up. But it wasn't until I saw The Who in 1970, when I was about nine years old, that I really made that decision. That was the turning point for me. When I was 15, guitar was a form of expression for me. I liked Hendrix, Cream; and later on Aerosmith, Robin Trower, Frank Moreno. Then I got into fusion. The Bill Bruford and Tony Williams albums along with others. I have recently taken a liking to Jeff Healy. I think he is exceptional. I also like George Lynch and Mick Marrs. Mick is a solid guitar player. You've got to admire him for what he does. Alan Holdsworth is the one guitar player who I could never figure out. His runs and things are impossible.

**B:** What about Jake E. Lee?

**W:** Oh yeah. There's one I haven't mentioned. I consider that a well known fact so I don't usually mention it. Jake and I have been friends for a

long time now. He's someone I really respect.

**B:** Is there anything on the record you would have done differently given the chance?

**W:** I'm never really satisfied. They say you never are. I even wanted to spend more time on the record even though it felt like a long time for other people. I am always very self critical. Too self critical.

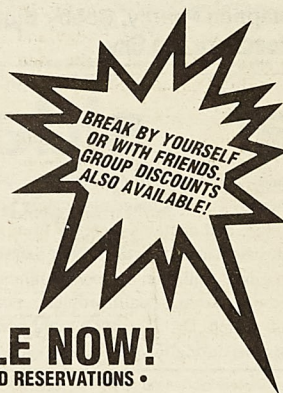
**B:** Let's kind of switch gears here. I know some of your favorite places to play are Detroit, Los Angeles, New York, Chicago. But what is it about the country of Japan that makes it such an incredible place to play for many rock bands and especially Ratt? You all are extremely popular over there.

**W:** It's because the set up is so different. There you deal with one promoter. He supplies the ride to and from the places. He takes care of everything. The promoters in the U.S. just take care of the gigs. That's why you use a larger crew in the states because there need to be people who look after you and make sure you get in the right hotel and that kind of stuff. Also the whole country is the size of

see Ratt, page 7



Sunchase 8th Annual  
**SPRING  
BREAK  
1989**



**RESERVATIONS AVAILABLE NOW!**

• BREAK WITH A WINNER • NO AIR MATTRESSES • CONFIRMED RESERVATIONS •

**SOUTH PADRE ISLAND**

SHERATON CONDO OR HOTEL, HOLIDAY INN, GULF VIEW OR LANDFALL TOWER CONDOS • 5 OR 7 NIGHTS

\$149\*  
from

**STEAMBOAT**

SHADOW RUN CONDOS OR OVERLOOK HOTEL • 5 OR 7 NIGHTS  
LODGING-LIFTS-PICNIC-RACE-GOODIE BAG!

\$213\*  
from

**DAYTONA BEACH**

TEXAN HOTEL AND KITCHENETTES  
7 NIGHTS

\$118\*  
from

**MUSTANG ISLAND/PORT A.**

PORT ROYAL CONDOS  
5 OR 7 NIGHTS

\$136\*  
from

**HILTON HEAD ISLAND**

HILTON HEAD ISLAND BEACH & TENNIS RESORT  
7 NIGHTS

\$107\*  
from

**DON'T DELAY!**

**CENTRAL SPRING BREAK** TOLL FREE INFORMATION & RESERVATIONS

**1-800-321-5911**

7AM-7PM M-Th, 7AM-5PM Fri, 9AM-5PM Sat, Mountain Standard Time  
Reservations may be made by credit card



or you may contact your local Sunchase campus representative or your favorite travel agency

\* Depending on break dates and length of stay



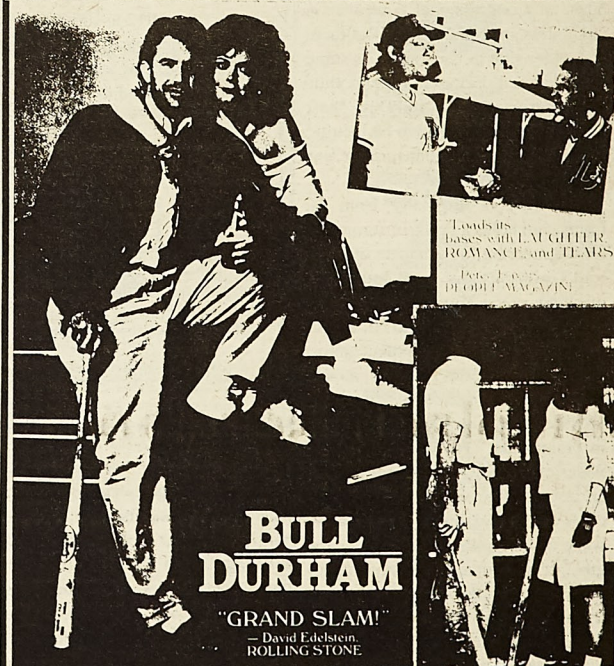
**YOU HAVE FRIENDS WHO CARE  
AT ...**

**BIRTHRIGHT**

PHONE: 364-0066

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

FOR HELP  
DURING UNPLANNED PREGNANCY  
FREE PREGNANCY TESTING



**S.U.B SPRINT FILM SERIES**

Baseball Double Feature

Friday and Saturday February 3.4

7:00 Eight Men Out : True Story about  
the 1919 Chicago 'Black Sox'  
9:00 Bull Durham ME 104



# Organization News

## ASUM testing provides understandable TAs

By Lisa Tieber  
Staff Writer

An organization that works hard for many things we take for granted is The Associated Students of the University of Missouri (ASUM). It is funded, controlled, and operated by the students. It acts as a lobbying organization for state-level politics. As a political organization, goals include getting more students involved and informing the government in Jefferson City of the students concerns as a unit. Together ASUM is strong and can get things done for the UM system. That is what ASUM is all about.

ASUM has worked and received many hard earned benefits for the UM system. ASUM has saved \$144,000 in

property taxes through the Greek Tax Reassessment which declared greek housing as residential property. The Bright Flight program awards \$2000 each year to high school students who score in the top 3% on the ACT or SAT, and attend a UM school. There are between 200 and 300 students at UMR on this program. Now T.A.'s must pass an english speaking test before they can teach. All thanks to ASUM.

People who lobby for passage of these bills are called internists. This year UMR has it's very own internist, Eugene Bae. Internists must spend at least two days a week at the capitol lobbying for their bills. They receive six hours political science credit and

valuable experience. Eugene is currently working on extending the bill, dealing with the amount of money the university receives for lab equipment based on the number of engineering degrees awarded, to 1995.

ASUM also has functions on campus. There will be a lunch with Ken Jacob, Chairman of the House of Higher Education Committee, on February 2 at 12:30 in the Missouri Room of the University Center East, and is free to students.

ASUM is looking for volunteers who want to help the UM system. There is plenty of work to be done. If interested, stop by room 206, University Center West, or call 341-4970.

Are you one of the students on campus who are trying to get your foot in the door before graduation? If you are, the Associated General Contractors (AGC) may be the place for you. This organization is mainly made up of Civil Engineers but is open to any student who is interested. Their main goal is to make students more aware of the opportunities available in the construction industry. Every semester a resume book is published and distributed to contractors and suppliers throughout Missouri, Illinois, and Kansas. They sponsor two field trips a semester to construction and fabrication plants in order for students to get first-hand knowledge.

The AGC of Missouri sponsors our chapter and has a dinner every April to bring all the chapters together. There is also a state-wide AGC convention held every October at Tan Tara. All university chapters are invited free of charge.

The UMR chapter is involved in community service in Rolla. Two recent projects included painting the Holloway House and working for LOVE.

If any of this interests you, or you would like to get involved please attend a general meeting. There is usually a guest speaker from the construction field at all the meetings. This is a good way to make employment contacts.

## SUB Cinema opens

Submitted by SUB

What? It's the third week of classes and this is the first "Subscripts" you've seen? Of course it is, this is the first one I've written this semester. Silly you!

But—SUB has not been idle! Nej-

the SUB sponsored St. Louis Blues Hockey Trip. Yes, come see the fabulous Blues take on Buffalo on

Thursday, February 2. The price is \$12 and includes the bus ride to and from the game. Busses will be leaving on

fun to do on Monday. With the SUB

Cinema has a what you need! This week's special presentation is a Baseball Double feature. Starting at 7 & 9 p.m. respectively. Both Friday and Saturday nights, will be **Eight Men Out** and **Bull Durham**. Starring Tim

Sweeney and John Cusack, **Eight Men Out** is the story of the infamous 1919 Chicago "Black Sox" team who were pressured into throwing the World Series. **Bull Durham** is a funny, sexy love story set against a backdrop of Minor League baseball. Don't miss Kevin Costner and Susan Sarandon in this great story. All showings will be in 104 ME.

As an early warning, I'm letting slip information about the SUB Indoor Soccer Tournament. Sign-ups start February 3 and will go on through February 10 in the SUB office (217 UC-West.) But only the first 20 teams can be accepted! So, sign up fast!

## Editorials on KMNR

Submitted by KMNR

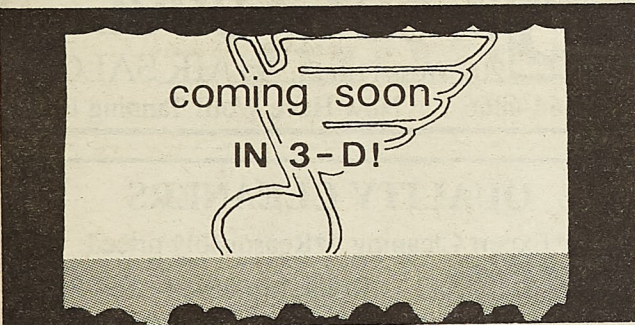
Do you find yourself getting really irritated with the nightly news? Has the UMR bureaucratic nonsense given you the run-around once too often? What about that certain cause that you have been fighting forever that when you mention it nobody knows what you're talking about?

WELL... now's your chance to voice your opinion. KMNR, your student radio station, is introducing its new editorial program which will be aired daily. Why are we doing this you say? Well folks, it's like this. In **The Public Interest**, KMNR's most-liked controversial program was cancelled due to the company's lack of finances. This is your chance to let your views be known to our vast KMNR listening

audience.

Alright, that's all fine and dandy, but there is a catch. You must submit your typed editorial which should be less than three minutes in length. You are invited and encouraged to visit KMNR and read your own editorial for pre-recorded broadcast. Please send editorials to: KMNR Campus Comments, 210 H-SS Building, Rolla, MO 65401, or just drop them by the station. Editorials will be reviewed by KMNR executive board (sic) members. Any questions, please contact Jennifer Sommer or Dale Heuser at 341-4272. We look forward to hearing your comments and suggestions. Hopefully this will be as successful as other programming on KMNR.

**Note:** If you would like to submit a short article to possibly be printed under **Organization News** please put it in the Miner Drop Box (Rolla Bldg.) or contact the Features Dept. with your information.



ther sleet, nor rain, nor gloom of coming back to school at UMR can keep our local Student Union Board from planning great activities for all of us to enjoy.

I guess there's no sense in keeping you in suspense, huh? The first major event heading your way this week is

Thursday at 5 p.m. from in front of the Multi-Useless Building. I'm sorry, that's the Gale Bullman Multi-Purpose Building. My mistake.

After enjoying the hockey game (balk, you thought it was a SUB) you'll be looking for something equally as

## Shillelagh season

By Mike Hurst  
Staff Writer

Deadlines for St. Pats events are fast approaching. Your organization should have already received information on Queen Candidates and Student Knights. Make sure you return the information on schedule or your organization will not be represented this year.

Next Tuesday, February 7, the Queen candidates and Student Knights will be getting their photographs taken for their respective posters. Make sure you are on time and you have all the required information filled out. The photos will be taken at Kappa Alpha

fraternity; 7:30 for Queen candidates, 9:30 for Student Knights.

Also, baby reps should be elected by now, and they should be working to put on "the best ever." If your organization doesn't have one yet make sure you get a representative now.

Make sure your organization has started on their float plans and also on non-float entries. One other thing that needs to be done is to start practicing for follies.

Finally, it's time for all freshmen to get those shilleleights dug up and ready for the great Snake Invasion which will begin on Monday, March 6th.

## Be represented in StuCo

By Matt McLaughlin  
Staff Writer

"The students' voice at UMR" such is the claim of Student Council. And in fact, the council does a good job of ensuring that the concerns of students are represented and addressed in the University administration, the government, and the community.

Recently a rather serious disparity between the mission of the council and the actual makeup of StuCo has come to light. About 50% of our student population lives in some type of university housing, and these students are well represented with about 47 reps on the council. This is about 1 per 50 students and is well distributed in the dorms and greek housing. The other 11 reps, about 20% of the membership of StuCo, theoretically represent the

other 50% of the student body. Most of these, however, are associated with particular groups of students of limited membership, leaving the majority of the students who live off campus unrepresented.

The Student Council constitution takes this into consideration, providing for a student to collect signatures of unrepresented students on an application and become an unaffiliated rep on the council, with full rights and responsibilities. Unfortunately, few take advantage of this opportunity, leaving StuCo in a bad situation.

As part of a drive to increase the effectiveness of the organization in general, StuCo is in the process of drafting some major changes in its constitution. A major part of this

effort involves reviewing and possibly redefining those areas of the constitution which deal with how representation is determined on the council.

StuCo will be holding an open forum on this issue on February 9 at 7pm in the Missouri Room of University Center East to debate this issue, along with other proposed changes in the constitution. All students are invited to attend. If you can't make it notify your rep of your views or stop by the StuCo office at 202 U. Center West, or call 341-4280.

It is true that not many feel the urge to speak up, but all that means is that if you do speak up your voice will carry that much more than your share of weight; so speak up and be counted.



# Classifieds

## Miscellaneous

**KME Help Sessions**, Tuesday & Thursday from 7-8 have begun! Free tutoring in Trig, Algebra, Calculus & Diffy Eq.

**Brighten your life!** Meet that someone special through our singles club. Intro Singles Club, Box 3006, Boston, MA 02130.

**Flexible, part-time position for computer programmer**, Macintosh database development. Send brief resume to AAAS, Inc., P.O. Box BB, Rolla.

**For Sale:** Peavey Studio Pro Guitar Amplifier. Excellent condition. Rarely used. \$100. Call 364-5575, ask for Tim.

**For Sale:** Renault LeCar Subcompact, 1983. Great! shape. 30-36 mpg. 364-0297.

**2 Bedroom Townhouse**, fully furnished for rent during summer (May-August) \$360 Call for more information: 341-8050.

**For Sale:** Atari 1200 XL computer, Indus GT disk drive, Atari 1010 cassette recorder, several games, utilities, magazines, and books. \$350 o.b.o. 341-8411 Michael.

**1 Bedroom Apartment:** Heater, electric stove, carpeted, dishwasher & refrigerator. Ground level, across from UMR. \$200/month. 364-5113.

**Interested in Photography?** Become a Rollamo photographer. Photographers' meetings are on Thursday nights at 7 in Room 304 of the Rolla Building. For more information, call Jason McHaney at 364-1061 or 364-4279.

## Personals

**Hcy Angels,**  
Merry New Year! Let's have a great semester. Your RA Amie

**To my Angel Flight Secret Santa,**  
Thanks for everything. Sorry I wasn't at the meeting to find out who you were.

**D'Anne,**  
Congrats on KA initiation! Now the best years off your life await you!

**Be an Angel.** Join Angel Flight.

**Congratulations to all the EIT new I's!!!** You guys are the best.

**Marly,**  
Thanks for everything you did to make my B-day special. (Don't worry, I understand about the birds.)

**Angels,**  
Here's to a great semester & a jammin' time at ARCON.

**Donna,**  
You are still appreciated. Keep up the good work.

**Angels,**  
Look'n forward to another great semester. Thanks for the plane!

**Brian at TX**  
Congrats!

**Angels-**  
Feeling sharp and looking good. You ought to be in Hollywood!

**Angels,**  
You're a great bunch of gals & we appreciate everything you do. Keep your spirits Flying High! Dep. Comm.

**Congratulations to Chi Omega's new initiates:** Missy, Lynn, Kristi, Stephanie, Deanna, Jennifer, Jeanne, Tracy, Kim, Beth, Lanie, Susan, Robin, Sue, Debbie.

**Angels,**  
It's great being part of a super group of people. Thanks again to my Secret Angel.

**Howdy Angels,**  
You gals are still doing an awesome job and you are greatly appreciated. Keep up the good work!

**Sugarpie,**  
Four months and still going strong. I love you very much and look forward to more weekends when you-know-who is out of town.

**Angels,**  
Here's to a great semester & a jammin' time at ARCON.

**Donna,**  
You are still appreciated. Keep up the good work.

**Angels-**  
Surprise! Thanks for everything!

**Congrats LaChelle!**  
You made it! I am so glad you're now a sister! You're the best little sis. Put your all into KA, it's worth it, and you'll get so much in return.

**Angels-**  
Feeling sharp and looking good. You ought to be in Hollywood!

**Trianglers,**  
Boot to the head.

**To Zeta's New I's,**  
Congratulations from your Zeta Sisters!!!

**Congratulations to Kappa Delta's newest sisters:** Jill, Leigh, Ann, Amy, Anna, LaChelle, Kelly, D'Anne, Lori, Tara, Any, Rolynda. Welcome into our circle!!

**Angels,**  
It's great being part of a super group of people. Thanks again to my Secret Angel.

**Howdy Angels,**  
You gals are still doing an awesome job and you are greatly appreciated. Keep up the good work!

**Sugar-babe,**  
Here's the personal that you've been waiting for.

**Steph & Deanna,**  
Congratulations! You guys are great!

**Rolynda,**  
Congratulations on your initiation! You are a great little sister!

**Jill,**  
You're the greatest little sis! Congrats on your initiation! May you receive as much fulfillment from KA as I have.

**Angels-**  
Feeling sharp and looking good. You ought to be in Hollywood!

**Hoyt,**  
When is my next lesson in Woodshop 101? How big are 2 x 4's anyway?

**Poke & BK**  
Thanks for putting up with me. It was fun having a multi-man (woman?) room again.

**P.S.:** I think the gravity / slant theory about your room is correct. Scary, huh?

**Missy B**  
Congrats, lil roomie!

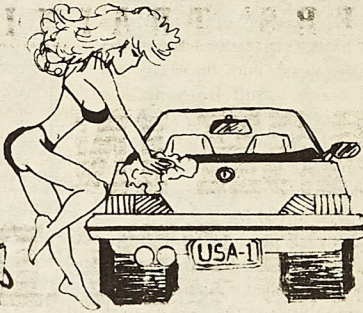
**Korba, Renee & Angie,**  
Be good and come bother me (or at least call)

**Cheer up-** controls is loads of fun! Get ready to write lots of letters.

**Didn't want you to feel left out-** be ready for a room party when you least expect it.


# GEORGE WALSH CHEVROLET

## DON'T GET BEHIND




## IN YOUR SCHOOL WORK BUT

## WHEN IT'S TIME FOR YOUR NEW CAR WE'VE GOT ALL THE RIGHT STUFF



# THE GMAC

## College Graduate Finance Plan



100 FAIRGROUND ROAD \* P.O. BOX 1257 \* ROLLA, MISSOURI 65401 (314) 364-1002 \* (314) 364-5800

# A CUT ABOVE

209 West 11th St. HAIR SALON

364-6866 Now Have Wolff Tanning Beds!

# QUALITY CLEANERS

\*Expert Cleaning \*Reasonably priced

108 W. 7th Street Rolla, Mo 65401 364-3650

# USA CONVENIENCE MALL

1601 N. Bishop Rolla 364-0077

Under New Management

Schaefer 12-Pack \$2.99

Doritos Tortilla chips \$2.19

Video Games & Pool Tables

2-Liter Pepsi 99 cents

Orval Brooks

24 Hours a Day, 7 Days a Week



## Ratt

from page 4

Show by  
Shannon

## Submitted By SUB

From Emory University comes a remarkable new one-man play based on the life and words of one of the twentieth century's most influential theologians.

Michael Shannon recreates Dietrich Bonhoeffer in an evening that runs the gamut of theatrical experience. Set in Tegel Military Prison in 1944 Berlin, Germany, the one act play depicts Bonhoeffer's imprisonment for his participation in the unsuccessful conspiracy to assassinate Adolf Hitler. Based on Bonhoeffer's poetry, personal memoirs and letters, "The End, The Beginning of Life: The Prison Experience of Dietrich Bonhoeffer" is a deeply moving piece of theatre designed to leave audiences entertained and enriched, whether or not they are familiar with this man or his work. The play is a blend of theology and theatre; of history and literature; of reason and emotion; of heart and mind.

The play will be locally sponsored by United Ministries, Rolla Area Churches, UMR Drama and Philosophy Depts., SUB and will be performed at the Cedar Street Center on Friday February 10 at 7 pm. Admission is free. For more information call 364-1061.

proach with less results. I didn't want to fall into that category or be tagged with it.

**B:** What can we expect for the live show this year?

**W:** Loud! And bright! Really condensed with great songs. The set for us, for the first time, is nonstop great song after great song. There is no filler. The first time we tried this was in Japan and nobody knew how it was going to go. But it went over so great that everybody in the band got turned around and excited about it. It's just real positive. There are no frills.

**B:** Lastly, do you feel like success has changed you?

**W:** I know a lot more people like lawyers and accountants. Other than that no.

Warren DeMartini and the rest of Ratt will be in Kansas City on February 12 and then onto St. Louis where they will be doing the annual Valentines Day Massacre at Kiel Auditorium on February 14. Thier very special guests will be Columbia recording artists Britney Fox, and Atlantic recording artists Kix. What an incredible night of rock 'n' roll that should be. So mark it on your calendars. Grab your favorite girl and take her to a concert that truly won't be forgotten. A night of partying with Ratt.

California. You're covering it so quickly. The crowds are really great too. If they really like you they let you know. But that is how it is everywhere. And another reason is because you are so far away from where you are used to being. You get a strange energy there. At least I do.

**B:** How did Ratt get into the Sam Kinison video?

**W:** He invited us to come down and sing "Wild Thing".

**S:** I read in the current issue (February 1989) of Guitar (For the Practicing Musician), with George Lynch and Vito Bratta where George says that you regressed back to your seventies style. How do you feel about that?

**W:** I remember talking to him about that. George likes to stay current as far as being able to play what everybody else does. But I am working on a style. I am, and want to be, more of a style player. I would rather be like Alan Holdsworth. In the fifteen years I've listened to him he has progressed, but yet his style is distinctive and has stayed the same. That's the kind of player I want to be. Getting a style and when someone hears it they know who it is. I get more gratification out of that than I do anything. I don't care to copy or learn everything anybody else can do. Some guy can run the mile, but there is always going to be someone who will run it faster. I feel I am creating my own identity and that is

what my main goal is.

**S:** Do you think that your style has changed over the years?

**W:** I think that it has changed. The thing that drives me nuts is the fact that some things don't change. I don't like players who do the same exact thing all the time, or the same kind of thing. There's a lot of different things I can do and I want to be able to express it all. I just don't want to be known for a certain style and have to stick to that for people to accept it. I have been trying a lot of different feels. I just can't do the same thing all the time because it gets boring and it loses its meaning.

**S:** Do you do the solo on "I Want To Love You Tonight"?

**W:** Yeah.

**S:** That is probably the best solo on the album.

**W:** Yeah that was my favorite. That was the single most favorite solo I did on the album.

**S:** Yeah. The note selection and phrasing was just there.

**W:** Thanks. Surprisingly, I did that one in two takes. Sometimes I will do several different solos and make one solo out of them. But on "I Want To Love You Tonight" it just happened. Sometimes the things that come off the top of your head are the best and the things you worked on the most end up being average.

**S:** Are your solos prearranged or do

you wing it?

**W:** They are prearranged if I can't do it off the top of my head. If it's a difficult key, or one I am not familiar with then it is something I have to sit down with.

**S:** Has the studio ever been a stifling experience for you?

**W:** In the beginning it really was. It can be real stifling.

**S:** Do you play much acoustic guitar?

**W:** I have been the past year. That is what started me on the "Way Cool Jr." technique. I was in Hawaii for a month and the particular island I was on didn't have a guitar store on it. I forgot to take a pick. You don't remember to take a pick with you when you are on tour and you are around thousands of them. I didn't so it made me do a lot of fingerpicking.

**S:** Are you on the right channel on the albums?

**W:** Yes I am.

**S:** Do you still do your guitar solo live?

**W:** In the show, no. Instead we are doing an extended bridge in a song and I do about the same solo, but it is behind bass and drums. It gives me a background or a frame for what I am trying to do. By doing just a solo it seemed kind of pointless to me. So we arranged it this way. The only time I really liked just a guitar solo was seeing Eddie (Van Halen). Everybody else to me seemed like the same ap-

## RESERVE OFFICERS' TRAINING CORPS

CASH IN  
ON GOOD GRADES.

If you're a freshman or sophomore with good grades, apply now for a three-year or two-year scholarship. From Army ROTC.

Army ROTC scholarships pay tuition, most books and fees, plus \$100 per school month. They also pay off with leadership experience and officer credentials impressive to future employers.



## ARMY ROTC

THE SMARTEST COLLEGE  
COURSE YOU CAN TAKE.

Talk with any instructor, 3rd Floor, Harris Hall, or call 341-4744.

FIND OUT MORE. CONTACT MAJOR HOSKINS, 306 HARRIS HALL, PHONE 341-4742



## Anne

man who—Look, just get here as fast as you can, and then I'll explain everything to you, okay? It's somewhere on that first gravel road. I'll stand where you can see me."

"Linda, it's eleven at night. Surely you don't—"

His thought was lost when she hung up.

It was midnight before they found her, lying by the side of the road. They passed an archaic gas station that looked more like a deteriorated historical site, where, they later learned, she had made the phone call. The surprise was that the phone wasn't of the hand-crank type. That was all they got out of Linda that night.

The first decision the next morning was to take her to the doctor, since she seemed to be coming down with some sickness. They were crossing a street when she shouted,

"That's it! That's the car, parked right there."

"That's the man who kidnapped you?" her mother asked, in excited incredulity.

"No! That's his car!"

"Well, let's go over there, wait for him and make a citizen's arrest."

They proceeded to do so. After five minutes, a policeman strolled casually up to them.

"Do you people own this car?" he drawled.

"No, we're waiting for the man who owns it," Linda's father said.

"So are we. Does he owe you

money?"

"No, we suspect him of kidnapping our daughter."

The police officer raised his eyebrows in understandable surprise. "I think you'd better come with me down to the station."

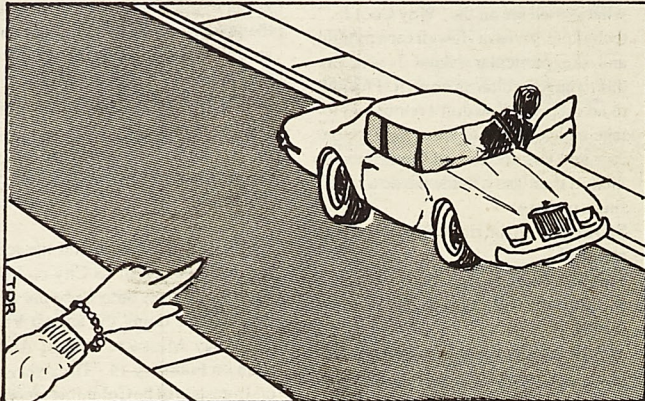
"Is any of these the man?" he asked, at the station, showing Linda some photographs.

"No, I've never seen any of them

look of intense distaste.

"Let's look in his trunk," Linda suggested.

They found a black garbage bag similar to the one in which Vince had found the dead man. Fingerprints matched. The bags had the same batch number. Would the bag contain yet another dead body? It did—that of a deer, the object of quality taxidermy. It was only a question of time before



before."

"We just got a call," another officer said. "They've found the owner of the

car. They'll be here in about five minutes."

"That's the man who helped me on the highway and then dumped me off!" Linda said, as he emerged from his car.

The whole family rushed to give him his just deserts. He gave Linda a

guilt was proven. Linda was never quite sure whether it had been the dead man or the deer that she had felt that day when she had looked into the trunk of the "good samaritan" who had stopped to help her, given her a ride and then forsaken her for a nuisance. Neither, I suppose, will we. Vince, to nobody's surprise, flunked his photography class.

The End

from page 3

## UMR spring film series returns

Feb. 2: **The Dead**: Directed by John Huston with Donal McCann and Angela Huston. PG-13—1987. John Huston's last film is the warmest, most literate and passionate work of his legendary career. Based on the *Dubliners* novella by James Joyce; **The Dead** was the story Huston had always wanted to film and his triumphal rendition has been chosen as the Best Film of the Year by the National Society of Film Critics.

Feb. 9: **The Third Man**: Directed by Carol Reed with Orson Welles and Joseph Cotten. NR—1949. This classic thriller written by Graham Green ends with a manhunt through the sewers of Vienna. An American writer arrives in post-war Europe and learns from police that the friend he has come to visit has been killed.

Feb. 16: **Jean De Florette**: Directed by Claude Berri with Yves Montand and Gerard Depardieu. PG—1987. This is an exquisite adaptation of Marcel Pagnol's beloved films and novel about shattered dreams an extraordinary cast augments the poignant story. French with English subtitles.

Feb. 23: **Manon Of The Spring**: Directed by Claude Berri with Yves Montand and Daniel Auteuil. PG—1987. The picturesque Provencal countryside is the setting for **Manon Of The Spring**, the magnificent sequel to **Jean De Florette**. Evil is punished and good rewarded when the breathtakingly beautiful daughter of Jean De Florette wreaks vengeance upon the cruel peasants responsible for her father's death. French with English subtitles.

The Film Series is supported in part by a grant from the Missouri Arts Council. Program director is James Bogan, UMR associate professor of art and films.

Season tickets: \$16.00 (includes tax)

Individual admission: \$3.00 (includes tax)

Fee payable by cash or check.

Make checks payable to: University of Missouri-Rolla

# GET PAID!!!

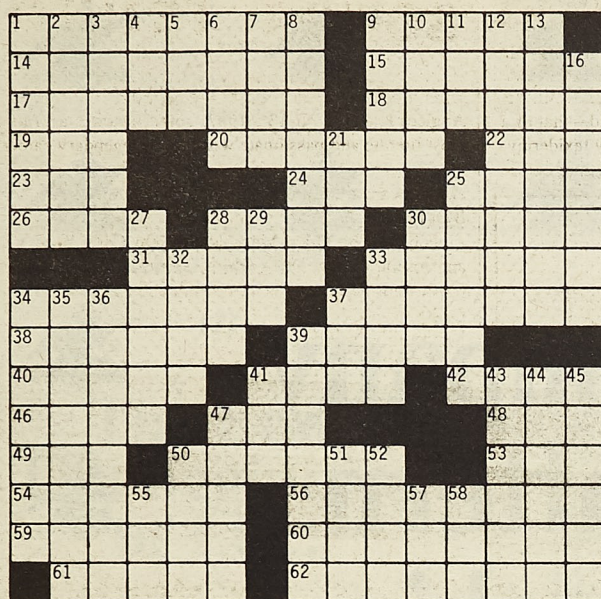
## Photographers Needed

No previous knowledge of developing required  
For more information, come by one of the weekly meetings

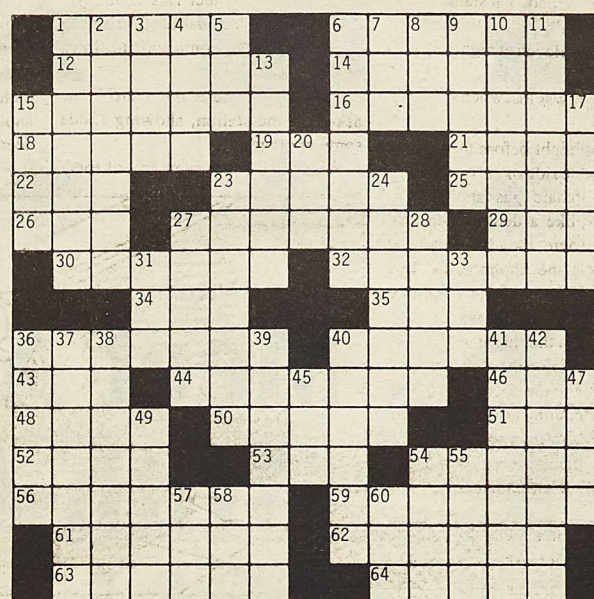
Thursday evenings at 6:15  
302 Rolla Building



# Fun & Games



© Edward Julius Collegiate CW84-16



© Edward Julius Collegiate CW8805

- ACROSS**
- 1 Three golden apples caught her
  - 9 Fire remnants
  - 14 Companions
  - 15 Climbs a wall
  - 17 Comes before in time
  - 18 Open shoe
  - 19 Mr. Fleming
  - 20 Pin for holding meat
  - 22 — et labora
  - 23 Milkfish
  - 24 Soak flax
  - 25 Spoiled child
  - 26 Space agency
  - 28 Scold
  - 30 Valiant
  - 31 Revolves
  - 33 Chief
  - 34 Most shrewd
  - 37 Countries
  - 38 Army command (2 wds.)
  - 39 Cheat
  - 40 Grassy plain
  - 41 Brake part
  - 42 Dumbbells
  - 46 GM inventory
  - 47 Former Oriental VIP
  - 48 — legs
  - 49 Business abbreviation
  - 50 Asian temple
  - 53 High-speed plane
  - 54 Salt Lake City resident
  - 56 Calmness
  - 59 Stingy ones
  - 60 Mr. Scrooge
  - 61 Horse
  - 62 Shocks
  - 12 Place of fabulous wealth
  - 13 Large marine fish (2 wds.)
  - 16 Roof workers
  - 21 Little
  - 25 Intelligence
  - 27 Burmese and Laotians
  - 28 Courtroom command
  - 29 Pismire
  - 30 — noire
  - 32 Argentine money
  - 33 Idle
  - 34 Bone substance
  - 35 Lost continent
  - 36 Car part (2 wds.)
  - 37 Now, in Aberdeen
  - 39 Selects
  - 41 Hang down
  - 43 Judicial inquest
  - 44 Bother
  - 45 Woodland deities
  - 47 Parsonage
  - 50 Golf scores
  - 51 Liability
  - 52 Region
  - 55 The Little Red —
  - 57 Famous Siamese twin
  - 58 Opposite of pos.
- DOWN**
- 1 — Way (Roman highway)
  - 2 WWII island
  - 3 Boxing sites
  - 4 Business abbreviation
  - 5 Collection of notes
  - 6 Profits
  - 7 Journey
  - 8 States positively
  - 9 Balance sheet item
  - 10 Skin mark
  - 11 Chinese dynasty

- ACROSS**
- 1 "Beat it!"
  - 6 Sticks together
  - 12 Illness symptom
  - 14 Biblical mountain
  - 15 Labor
  - 16 Aircraft landing aid
  - 18 Engages
  - 19 Former Middle East initials
  - 21 See 52-Across
  - 22 Former basketball league
  - 23 Archie Bunker, for one
  - 25 Accordingly
  - 26 Calendar abbreviation
  - 27 Places
  - 29 Was corrosive
  - 30 Calm
  - 32 Rushed violently
  - 34 Jazz pianist Tatum
  - 35 Shanty
  - 36 Glitter
  - 40 Choose
  - 43 Ad —
  - 44 Actor Peter —
  - 46 Unit of resistance
  - 48 Soviet sea
  - 50 Forays
  - 51 Prefix: new
  - 52 With 21-Across, Calif. college town
  - 53 — soup
  - 54 Saying what's on one's mind
  - 56 The Three —
  - 59 Innocence
  - 61 Make certain
  - 62 Formally withdraw
  - 63 Considered
  - 64 "Nothing could be —"
  - 11 Act
  - 13 Artificial channel
  - 15 Defrost
  - 17 — out (defeated)
  - 20 — Khan
  - 23 Soft drink manufacturer
  - 24 Restraining lines
  - 27 Songbirds
  - 28 Human beings
  - 31 To give: Sp.
  - 33 Path (abbr.)
  - 36 Hits
  - 37 Plundered
  - 38 Marine mollusk
  - 39 Passed away, as time
  - 40 Certain automobiles
  - 41 Acknowledge defeat
  - 42 College major
  - 45 Golf ball's position
  - 47 Beauty mark
  - 49 — change
  - 54 Veni, vidi, —
  - 55 Item for Wolfgang Puck
  - 57 Postage stamp ingredient
  - 58 Sooner than
  - 60 World War I group
- DOWN**
- 1 Penmen
  - 2 Cary Grant movie
  - 3 Split
  - 4 Seward's folly (abbr.)
  - 5 Roman 1051
  - 6 Guard units
  - 7 Exist
  - 8 Frivolous —
  - 9 Pay for
  - 10 College in Indiana

see Solutions, page 11

## Johnny's Smoke Stak

**SUNDAY BUFFET**  
ALL YOU CAN EAT  
ONLY \$6.95  
11 AM till ...

**HOME OF MISSOURI CLASSIC BAR-B-Q SAUCE**  
Hwy. 72 at Rolla St. Rolla, MO 65401 364-3402

**FAMOUS FOR RIBS**

- STEAKS
- SALAD BAR
- COCKTAILS
- CATERING

11:00 A.M. - 9:00 P.M. Sun. - Thurs.

11:00 A.M. - 10:00 P.M. Fri. - Sat.

Open for Lunch Daily

## Call Us!

Rolla  
**364-7110**  
704 Bishop

**Hours:**  
11am - 1am Sun.-Thurs.  
11am - 2am Fri.-Sat.

*One call does it all!*

**DOMINO'S PIZZA DELIVERS® FREE.**  
Drivers carry less than \$20.00.  
Limited delivery area.  
©1988 Domino's Pizza, Inc.





# Meet A Company With A Pattern Of Leadership



**On Campus Interviews  
Mechanical & Electrical  
Engineers**

**Tuesday, February 14**

For over 100 years, Anheuser-Busch has shown a consistent pattern of leadership in product innovation, industry standing and career opportunities. We now invite graduating engineers to begin their own pattern of leadership by considering a career with us. For details on meeting with our on-campus interviewers, visit your placement office. Equal Opportunity Employer M/F.



**ANHEUSER-BUSCH  
COMPANIES**



# LA POSADA

## MEXICAN RESTAURANT

- Delicious Mexican Food (Mexico City Style)
- Daily Lunch & Dinner Specials
- Sundays all you can eat
- Reasonable prices
- 1024 types of Nachos

Hwy. 63 So.  
364-1971

Rolla, Mo.  
Closed Monday

*Michael Shannon*  
in

## The End, The Beginning of Life:

## The Prison Experiences of Dietrich Bonhoeffer

A One Act Play by David W. Newton

February 10, 1989 - 7:00 P.M.

ADMISSION IS FREE!!

CEDAR STREET CENTER  
7TH AND CEDAR - ROLLA

After the performance there will be an informal reception for those who wish to meet and join in conversation with Mr. Shannon at the Wesley House, 403 West Eighth Street.

Sponsors:

Christ Church Episcopal  
Christian Campus Ministries Association  
Jeff. City/Rolla District - United Meth.  
UMR Drama Department  
UMR Philosophy Department  
UMR Student Union Board  
United Misistries/Wesley Foundation

For more information, call 364-1061  
Produced by the Candler School of Theology,  
Emory University



**CRATE**

**KORG**

KEYBOARDS  
GUITARS

**CHAMEL**  
BY JACKSON / CHANNEL

## WOOLF MUSIC SOUND CENTER

Complete Sound Reinforcement Systems  
DESIGN • INSTALLATION • RENTALS



Your Authorized Dealer

**314 - 341-3020**

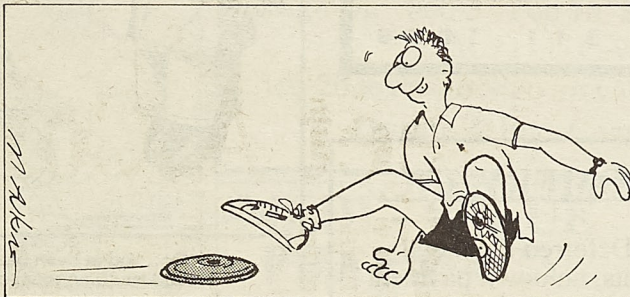
Hwy. 63 South (Southside Shoppers World) Rolla

AMPS  
DRUMS

*Alvarez*

*Pearl*

**Roland**



**CATCH  
THE**



**BLUES  
FEVER!**

St Louis VS Buffalo

February 2

Tickets \$12

ON SALE NOW IN  
FRONT OF  
BOOKSTORE



## Solutions

from page 9

ATLANTA	ASHES
PARTNERS	SCALES
PREDATES	SANDAL
IAN	SKUEWER
AWA	RET BRAT
NASA	RATE BRAVE
	SPINS LEADER
CAGIEST	NATIONS
ATEASE	COZEN
LLANO	SHOE SAPS
CARS	MAO
INC	PAGODA
UTAHAN	SERENITY
MISERS	EBENEZER
SENSE	STAGGERS

SCRAM	PASTES
CHILLS	ARARAT
TRAVAIL	TELERAN
HIRES	UAR ALTO
ABA	BIGOT THUS
WED	LOCALES ATE
SEDATE	STORMED
ART	HUT
SPARKLE	SELECT
LIB	SELLERS OHM
ARAL	RAIDS NEO
PALO	PEA VOCAL
STOOGES	NAIVETE
ENSURE	SECEDE
DEEMED	FINER

ALL WELCOME

\*\*\*\*

FIRST PRESBYTERIAN  
CHURCH

919 EAST TENTH  
Call 364-5298 for ride  
Sunday Worship - 9:45 a.m.  
Sunday School - 11 a.m.

## COMMANDO WAR GAMES

January and February  
Paint Pellet Specials  
Fraternity competition  
welcome.

CALL  
for information  
or  
reservations.  
**894-8543**



SPI AH Games

D&D Supplies

## ROLLA CRAFT & HOBBY

1009 Pine

Rolla, MO 65401

364-5581

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

### DIEHL MONTGOMERY, INC.

Originator of the Student Deferred Payments Plan for graduating students, no down payment and low payments until you are on the job. Ask us about it. We have sold over 1,000 students on this plan; it is not new.

One of the only dealers in the country offering the entire Ford line. FORD, LINCOLN, MERCURY, FORD TRUCKS, LEASINGS, CAR RENTALS daily weekly or monthly.

602 Bishop

364-1211

**GIVE**  
**LIFE**

**CENTENNIAL HALL**

11 am -5 pm

**GIVE BLOOD**

Wednesday, Feb 1

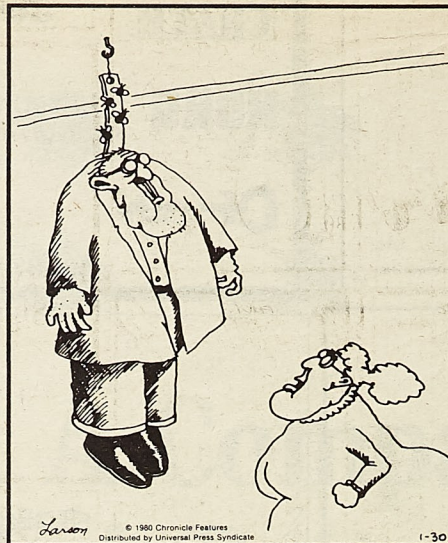
Thursday, Feb 2

American Red Cross

Stu Co

### THE FAR SIDE

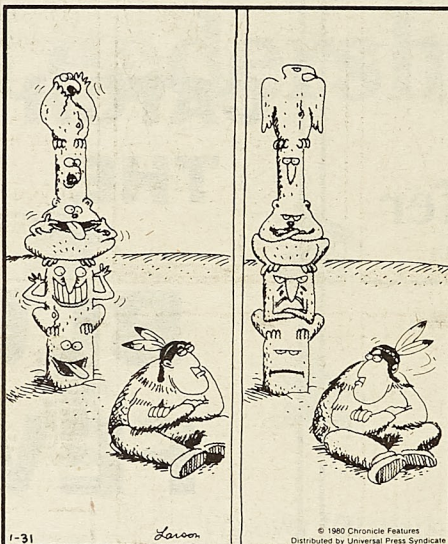
By GARY LARSON



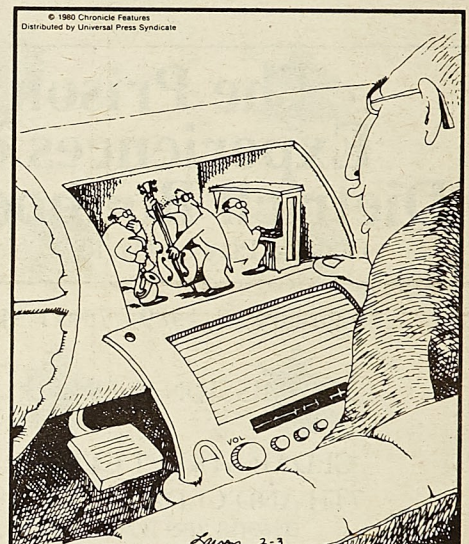
"So! ... You've been buzzing around the living room again!"



"Pie trap! ... We're in Zubutu country, all right!"



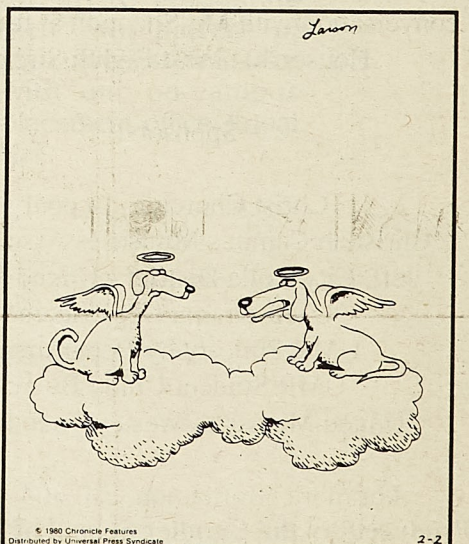
I-31



"Aha!"



"I used to be somebody ... big executive ... my own company ... and then one day someone yelled, 'Hey! He's just a big cockroach!'"

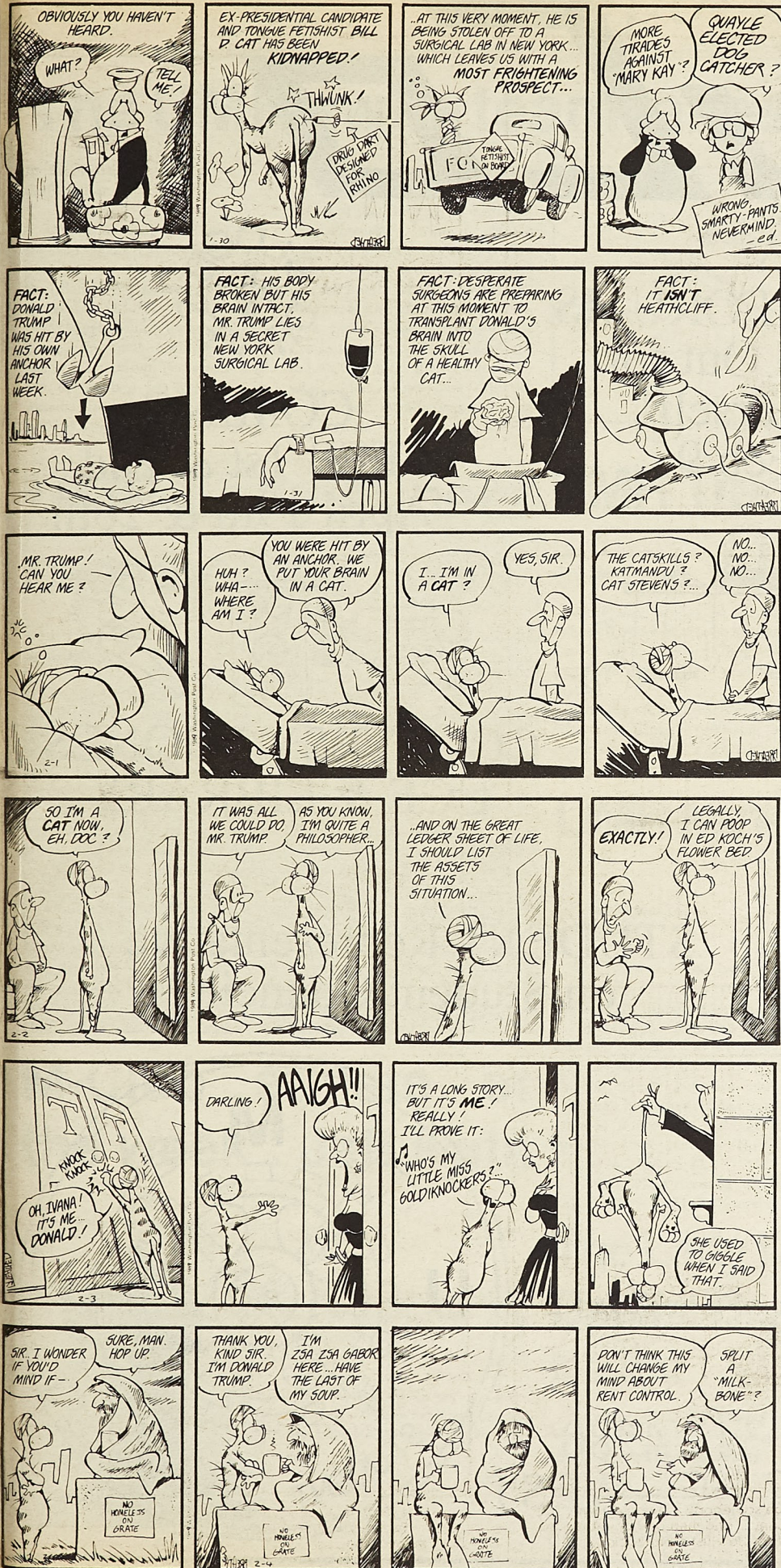


"For 12 perfect years I was a car chaser. Pontiacs, Fords, Chryslers. ... I took them all on ... and yesterday my stupid owner backs over me in the driveway."



# BLOOM COUNTY

by Berke Breathed



## INTERNATIONAL TOURS OF ROLLA

Your one stop, for complete travel planning

1023 Kings Hwy across from Burger King 341-3300

## S.U.B. INDOOR SOCCER TOURNAMENT RECREATION CENTER

FEB 14 - MARCH 14

Every Tues. and Thurs. Night at 9:05 & 10:00

Sign Up: Feb 3 - Feb 10 SUB OFFICE

RM 217 U.C.W.

1st 20 teams to Sign up will be accepted.

Leisure & Rec. Committee

## MEDI - VALUE PHARMACY



Rolla's Only Downtown Pharmacy

1000 Pine Street Rolla 364-7077

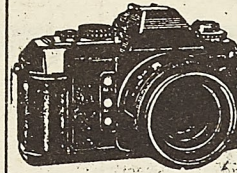
Mon.-Fri. 8:30-8 Sat. 8:30-6

Sunday 11-5

7 DAYS A WEEK

Full Line of Drug Store and Pharmacy Items Plus!

If you have questions about the prescriptions you take, ask Bill Wuenschel, your friendly pharmacist, for the answers!



## THE PHOTO DEPARTMENT

Nikon, Pentax, Yashica Contax, Canon, Minolta, Vivitar Cameras, Lenses and Accessories

Darkroom Supplies and Equipment

One-Hour Photo Processing

10% student Discount on Processing

Now open Sundays for your Photo Finishing Needs

# SHONEY'S

## America's Dinner Table™

MONDAY

ALL YOU CAN EAT SPAGHETTI

Includes soup, salad, and fruit bar

\$4.99

TUESDAY

ALL YOU CAN EAT FISH FRY

Includes soup, salad, and fruit bar

Offer good 4pm - 9pm

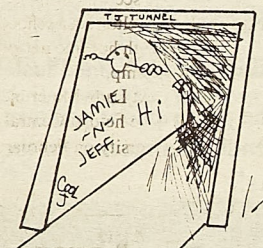
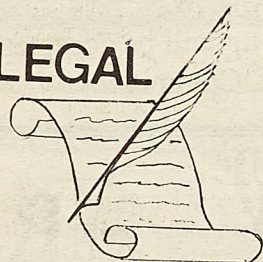
1419 Martin springs Dr 341-5688



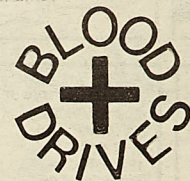
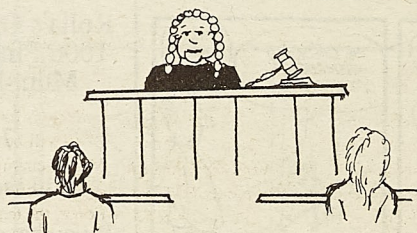
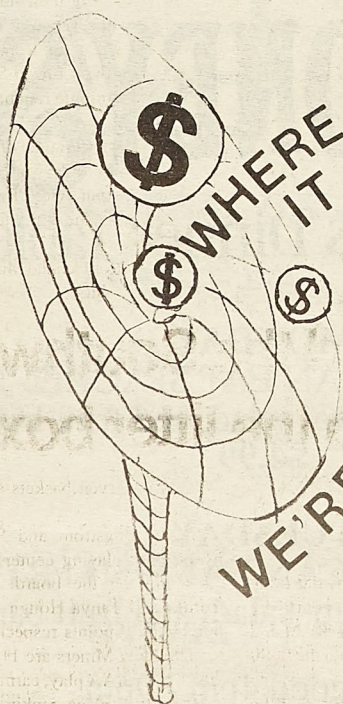
# STUCO

OPEN FORUMS  
Find Out for  
Yourself!  
Feb 9

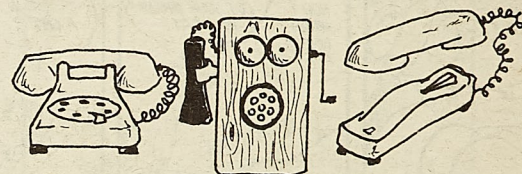
LEGAL  
ADVICE



EXPRESS  
YOURSELF!

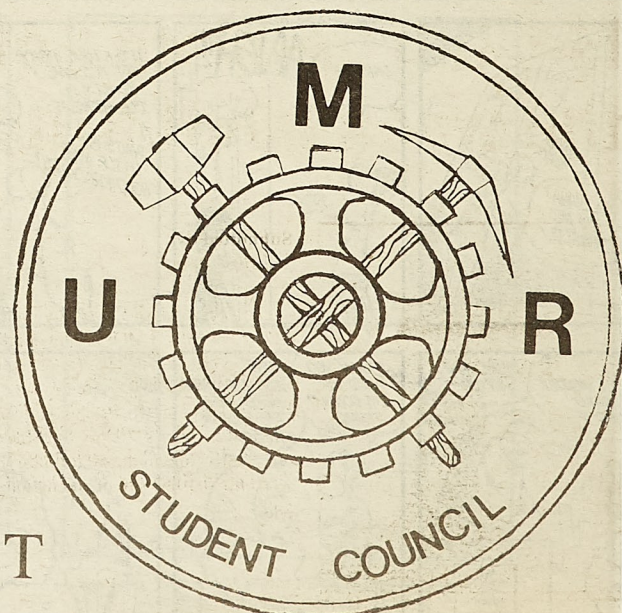


COMING:  
FEB 1st & 2nd  
April 19th & 20th



COURTESY PHONES  
UCE & LIBRARY

STUDENT Representative  
on Student Council



341-4280  
202 UC - WEST



# Sports

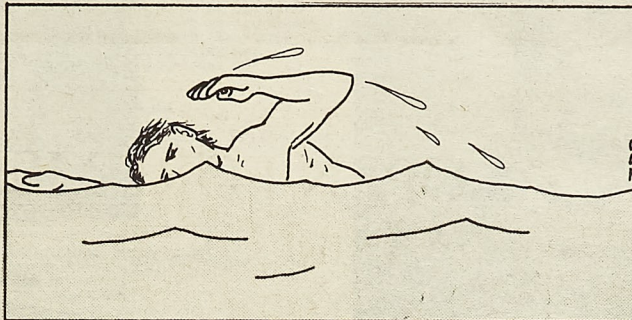
## The UMR swim team takes a piece of the rock

By Eric Hardin  
Staff Writer

Despite the long drive and brief warm up, the UMR Men's Swim Team was victorious over Arkansas Little Rock Saturday. The resulting score of the meet was 85-87.

Although the men swam well as a team, a few of the swimmer's performances stood out. Perhaps the man who did the best was Mike Stuts, a freshman from Texas. He returned to Rolla as a triple winner, with victories

in the 1000 free, 200 back stroke, and the 200 breast stroke. Coach Mullin remarked that Saturday was Mike's most impressive swimming of the season. Other winners were Steven Strah, 200 free; Scott Sanduoss, 200 free and 200 fly; Mark Cresswell, 500 free; and Jeff Mitchell in diving. Also, Rick Strom, Mark Cresswell, Joe Lundeen, and Doug Cordier combined to take first in the men's 400 medly relay. Alone, these victors did not win the meet. Mullin emphasizes the team effort. He stated that UMR's



Swim Team had more depth and quality than Arkansas Little Rock. He is extremely pleased with the victory and the performance of the team all season. The Miner Swimmers are 8-2 overall with their only two losses coming from Division 1 teams, Louisville and Southwest Missouri. The defeat by Louisville was only by one point. The Swim Team's next dual meet is with Hendrix college at home. The meet begins at 1:00 Saturday and admission is free.

## UMR Lady Miners cage the Blue Tigers

By Jeff Esparrago  
Sports Editor

The Lincoln Blue Tigers scored the first six points taking advantage of playing at home. But once the Lady Miners adjusted to the court they never trailed the Blue Tiger throughout the game.

UMR freshman Trish Van Diggelen gave the Lady Miners a jump start with a couple of three-points baskets and one for two points to tie the game 8-8.

UMR's biggest lead during the first half was 22-12. A hot streak for Jan Grotenhuis hitting three baskets in a row. The Lady Miners hit seven more points closing the first half with a score of 29-22.

Returning to the second half the Blue Tigers edged their way back into the game by scoring the first seven points tying the score 29-29.

From behind the three point line Lady Miner Trish Van Diggelen hit another basket. Within the next minute Suzanne Spencer answered with a basket followed by Van Diggelen. The Miners broke away in the middle of the last half with lead of 54-38.

Keeping their lead the Lady Miners netted the Blue Tigers for a victory with a final score of 63-56.

Trish Van Diggelen and Jennifer Cordes finished the evening with a total of 13 points. Cordes and Casey Engstrom had a total of seven rebounds.

## UMR Track team struts their stuff

Larry Williams  
Asst. Sports Editor

On Friday, January 20, the Miner women's indoor track team traveled to University of Missouri-Columbia to participate in their first meet of the '89 season.

The years team consists of Debbie Klaus and Chrissy Adkisson, both previously on UMR's cross country team. Debbie and Chrissy are compet-

ing in various middle distance events throughout the season. Debbie is concentrating on the 800m run while Chrissy is focusing on the 1500m run. Both will be tough competition at the MIAA championships on March 3rd.

Michelle Melton, the latest addition to the team, will compete in a new event for the Lady Miners-the triple jump. Michelle, also possibly running events, will play a key role in the Lady Miner track team.

In Friday's meet, Debbie cruised to a decisive win in her heat of the 800 m run with a time of 2:28.2 seconds. Her time easily secured fifth place overall. Michelle Melton set a school record at 28' 5 3/4" with her fine performance in the triple jump.

The next Lady Miner indoor track meet will be held at Central Missouri State University on February 11th.

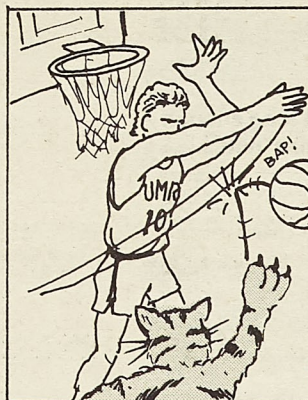
## UMR Miners declaw Blue Tigers

By Jeffrey Esparrago  
Sports Editor

The Miners not only broke a five game losing streak, but removed the stripes of the Lincoln Blue Tigers.

The majority of the first half was a toss up between who was going to bag this game. But the Miners started the ball rolling with five minutes remaining in the half. Chris Schneider was fouled and sank the free throw for a three point play. This gave the lead to UMR 25-23.

Adrian Davis finished the last seconds of the first half by tossing in



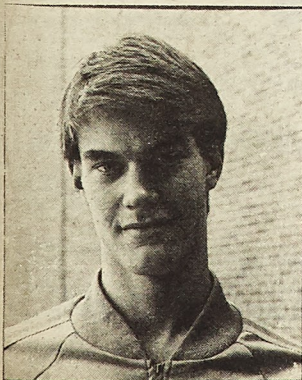
a couple of free throws and went to the locker room with a 39-27 lead.

Busting out in the second half the Miners increased their lead by 15 points. But the Lincoln Tigers had decided to wake up from their cat nap; chasing the score to 58-56 with a little over a minute remaining in the half.

In the last minutes of play the Tigers fouled William McCauley once and Paul Neeman twice. Both Miners answered at the line with a total of five free throws.

Tony Wofford led the Miners with a total of 15 points.

## M-Club athlete of the week : Jeff Kuta



provided by M-Club

Submitted by  
Matthew Rest

Jeff Kuta, a freshman swimmer from Chesterfield MO, won two individual events and had the fastest split on the 400m Medley Relay which touched out Eastern Illinois University in the Miner's Victory over Eastern. Jeff's time in the 50m Freestyle was only 4/10ths shy of the national cuts.

## The Lady Miners send the Southwest Baptist Bearkittens to the litter box

By Larry Williams  
Asst. Sports Editor

Saturday night, the UMR Lady Miners hosted the Southwest Baptist Bearkittens in MIAA league play. The Lady Miners shut down the Bearkittens by a score of 70-56.

The Lady Miners played a steady first half, dominating the Bearkittens

offensively by out-rebounding their opponents. The Lady Miners were able to enjoy a 35-26 advantage at the end of the first half.

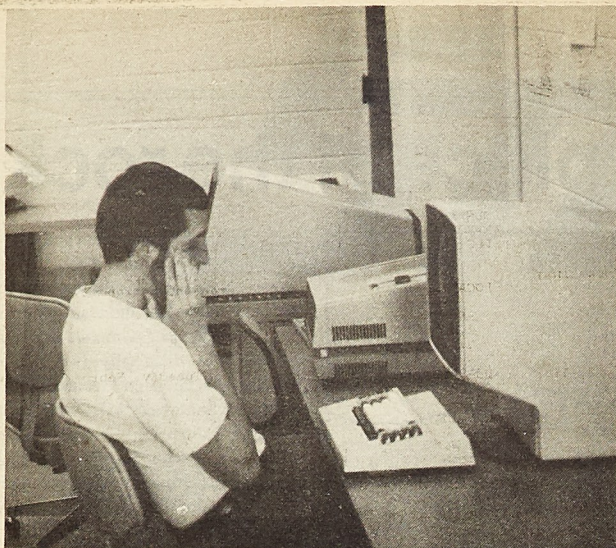
During the second half, the Lady Miners controlled the court by outscoring the Bearkittens 35-30 and sinking 56% of all shots from the field. The miners retained their lead by forcing key turnovers and sinking

four out of seven baskets at the free throw line.

Casey Engstrom and Sarah Conyers, both playing center, each put 14 points on the board. Jennifer Cordes and Tanya Hough scored 10 points and 9 points respectively.

The Lady Miners are 11-5 overall and 4-2 in MIAA play, earning them a current third place ranking.

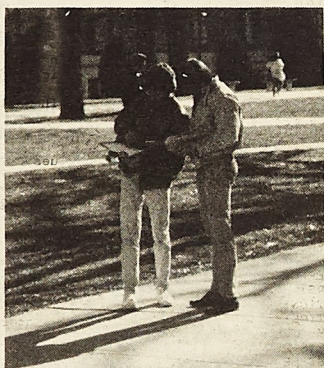




Whether it be English or Computer Science, UMR has the ability to put us all to sleep.



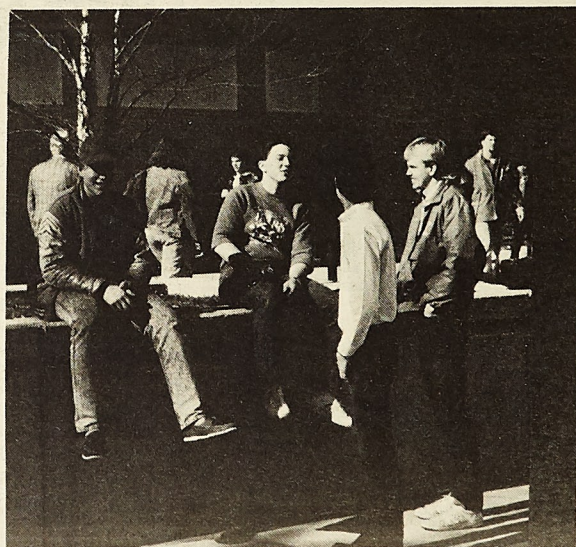
One student shows another the fine art of yo-yoing.



Ten minutes is just long enough to look over a friends' notes.



Board Reps pushing the new 1989 Commemorative white sweatshirts.



A group of Sig Taus in between classes standing in the usual spot.

All photos by Dave Libiez, Director of Photography



# Placement

## RECRUITING INFORMATIONAL MEETINGS

1. U.S. Marine Corp. - 2/6/89, 2/7/89, 2/8/89 from 10 am to 2 pm at the Hocky Puck.
2. U.S. Dept. Defense (Navy) - 2/8/89 at 6:30 pm in the Mark Twain Rm UCE.
3. Amoco Chemicals - 2/12/89 at 7 pm in the Mark Twain Rm of the UCE Bldg.
4. Pepsi Cola Bottling Company - 2/9/89 at 5 pm in the Ozark Rm of UCE Bldg.
5. Cooper Industries - 02/23/89 at 7 pm in the Mark Twain Rm of UCE Bldg.
6. Chevron Corporation - 2/21/89 at 7 pm in Centennial Hall UCE.
7. Honeywell, INC. - 2/26/89 at 7 pm in the Missouri Rm of the UCE Bldg.
8. LTV Steel - 3/1/89 at 7 pm in the Meramec Rm UCE.
9. Waste Management - 3/1/89 at 7 pm in the Ozark Rm of the UCE.
10. O'Brien and Gere - 3/1/89 7 pm in the Cent. Hall E. UCE.
11. U.S. FBI - 3/2/89 at 7 pm in the Missouri Rm UCE.
12. U.S. Naval Air Command (Logistics) - 3/6/89 at 7 pm in the Meramec Rm UCE.
13. Union Pacific Railroad - 3/8/89 at 7 pm in the Meramec Rm of the UCE Bldg.
14. U.S. Marine Corp. - 3/13/89, 3/14/89 from 10 am to 2pm at the Hocky Puck.
15. U.S. Marine Corp. - 4/19/89, 4/20/89 from 10 am to 2pm at the Hocky Puck.

LOCATED: G-3 Buehler Building, 9th & Rolla St.  
Use door on Southeast corner by Center  
Bank Drive-up.

HOURS: 7:45 to 11:45 A.M.; 1:00 to 4:00 P.M.

## PRESCREENED INTERVIEWS

**E.I. DUPONT**  
P.O. Box 715  
Moberly, MO 65270  
attn: Mr. Russ Wildman

NUMBER OF SCHEDULES: 1  
MAJORS: BS/ME, ChE, Economics, Eng. Mgmt.  
POSITION: Production Supervisor  
LOCATION: Moberly; stay of 5-7 yrs., national or international relocation  
U.S. CITIZENSHIP REQUIRED  
MAY, JULY 89 GRADS

DEADLINE FOR TURNING IN RESUMES: Friday, February 3, 1989  
INTERVIEW DATE: February 27, 1989

**WILLIAMS TELECOMMUNICATIONS GROUP**  
P.O. Box 21348  
Tulsa, OK 74121  
attn: Mr. DeMarris Smith

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS EE  
POSITION: Engineer I within Operations or Eng. Dept.  
LOCATION: Tulsa, OK  
MAY, JULY 89 GRADS  
2.6 G.P.A. REQUIRED  
U.S. CITIZENSHIP OR AUTHORIZATION TO WORK IN U.S.

DEADLINE FOR TURNING IN RESUMES: Friday, February 3, 1989  
INTERVIEW DATE: February 27, 1989

**UNITED DATA SERVICES INC.**  
5454 W. 110th St.  
Overland Park, KS 66211  
attn: Mr. L.L. Geringer

NUMBER OF SCHEDULES: 1  
MAJORS: BS in Eng. Mgt. with interest in Computer Science  
POSITION: Project Analyst I, II, III or Director Data Systems Planning  
LOCATION: Overland Park, KS  
MAY 89 GRADS

DEADLINE FOR TURNING IN RESUMES: Friday, February 3, 1989  
INTERVIEW DATE: February 27, 1989

**DONALDSON COMPANY**  
400 Donaldson Dr.  
Chillicothe, MO 64601  
attn: Ms. Jean Bork

NUMBER OF SCHEDULES: 1  
MAJORS: BS/Eng. Mgt. or ME  
POSITION: Industrial Engineer II  
LOCATION: Chillicothe, MO  
DEC. 88, MAY 89 GRADS  
Note: Company is a metal fabrication company

DEADLINE FOR TURNING IN RESUMES: Friday, February 3, 1989  
INTERVIEW DATE: February 27, 1989

**HONEYWELL DEFENSE & AVIONICS SYS. DIV.**  
9201 San Mateo Blvd., N.E.  
Albuquerque, NM 87113  
attn: Ms. JoAnn Huber

NUMBER OF SCHEDULES: 2  
MAJORS: BS/MS EE or Comp Sci  
POSITION(s): Design/Development Eng.; Systems Eng.; Software Eng.; Electronic Packaging; Reliability Eng.  
LOCATION: Albuquerque, NM  
MAY 89 GRADS  
3.0 G.P.A. REQUIRED  
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Friday, February 3, 1989  
INTERVIEW DATE: February 27, 1989

**FEDERAL AVIATION ADMINISTRATION**  
601 E. 12th St. 9ACE-450a  
Kansas City, MO 64106  
attn: Ms. Vera Shinn

NUMBER OF SCHEDULES: 1-BS EE  
1-BS CE, ME, EE (POWER OPTION ONLY)  
POSITION: 2-3 positions in the Establishment Engineering Branch, Airway Facilities Div.  
LOCATION: Regional office located in KC, MO  
MAY, JULY 89 GRADS  
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Friday, February 3, 1989  
INTERVIEW DATE: February 27, 1989

**FEDERAL HIGHWAY ADMINISTRATION**  
P.O. Box 1787  
Jefferson City, MO 65102  
attn: Mr. Greg Eskejian

NUMBER OF SCHEDULES: 1  
MAJORS: BS CE  
POSITION: Highway Engineer (training)  
LOCATION: Nationwide  
2.9 G.P.A. OR HIGHER; OR MEMBER OF RECOGNIZED HONOR SOCIETY  
U.S. CITIZENSHIP REQUIRED  
MAY, JULY 89 GRADS

DEADLINE FOR TURNING IN RESUMES: Friday, February 3, 1989  
INTERVIEW DATE: February 27, 1989

**OKLAHOMA DEPT. OF TRANSPORTATION**  
200 East 21st Street  
Oklahoma City, OK 73105  
attn: Mr. Earl Putnam

NUMBER OF SCHEDULES: 1  
MAJORS: BS or MS CE  
POSITION: Engineer-in-Training  
LOCATION: Statewide (Oklahoma)  
MAY 89 GRADS  
WILL HIRE ONLY INDIVIDUALS PRESENTLY AUTHORIZED TO WORK IN THE U.S. ON A FULL TIME BASIS.

DEADLINE FOR TURNING IN RESUMES: Monday, February 6, 1989  
INTERVIEW DATE: February 28, 1989

**NATIONAL STEEL COMPANY**  
20th and State St. MS -SPT  
Granite City, IL 62040  
attn: Mr. David Smith

NUMBER OF SCHEDULES: 2  
MAJORS: BS/MS Eng. Mgt., ME, EE, ChE, MetE, Chemistry  
POSITION: Production and/or Maintenance Supv.  
LOCATION: Granite City, IL (10 mi E. of St. Louis)  
MAY, JULY 89 GRADS  
PERMANENT VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Monday, February 6, 1989  
INTERVIEW DATE: February 28, 1989

**FORD MOTOR COMPANY**  
P.O. Box 1899  
Dearborn, MI 48121-1899  
attn: Ms. Fay Emerson

NUMBER OF SCHEDULES: 1-Feb. 28: BS/MS EE, ME FOR ENGINE, PRODUCT & MFG. OFFICE  
2-Feb. 28, Mar. 1: BS/MS ME, EE; BS ChE FOR CAR PRODUCT DEVELOPMENT GROUP

(PLEASE INDICATE APPROPRIATE DIV. ON RESUME - YOU MAY SUBMIT RESUME TO BOTH DIVISIONS)  
Detailed job descriptions will be posted with signups.

LOCATION: Dearborn, MI; Cleveland, OH; Lima, OH; Windsor, Ontario (Engine Product & Mfg. Office)  
Dearborn, MI (Car Product Dev. Group)

MAY, JULY 89 GRADS  
U.S. CITIZENSHIP, PERM. RESIDENTS, OR OTHERWISE AUTHORIZED TO WORK INDEFINITELY IN THE U.S.

DEADLINE FOR TURNING IN RESUMES: Monday, February 6, 1989  
INTERVIEW DATE: February 28, 1989

## CHEVRON CORP. HAS ADDED CHEMICAL ENGINEERING

NOTE: ADDITION OF CHEMICAL ENGINEERING TO SCHEDULES FOR CHEVRON CORP., INTERVIEWING FOR PERMANENT EMPLOYMENT FEBRUARY 23, 24, 1989. IF INTERESTED, PLEASE LEAVE YOUR RESUME WITH JANE, G-3 BUEHLER BLDG. DEADLINE WILL BE EXTENDED TO FEBRUARY 3, 1989 (11:30 A.M.).

**WASTE MANAGEMENT**  
3003 W. Butterfield  
Oak Brook, IL 60521

NUMBER OF SCHEDULES: 2  
MAJORS: BS or MS CE or Geotechnical Eng.  
POSITION: Environmental Design; Audit, Groundwater Management Superfund; Landfill Engineering  
LOCATION: Chicago area and nationally-10 regional offices  
RECENT GRADS, MAY, JULY 89 GRADS  
2.5 G.P.A. REQUIRED  
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Tuesday, February 7, 1989  
INTERVIEW DATE: March 2, 1989

**BELL HELICOPTER TEXTRON**  
P.O. Box 901014  
Ft. Worth, TX 76101  
attn: Ms. Jimmy Tallal

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS/PhD AE, ME  
POSITION(s): Airframe Structures Engineer, Flight Test Eng., Rotor Dynamics Eng., Avionics Eng., Aircraft Subsystem Integration Eng., Airborne Software Eng., Aircraft Equipment and Controls Design Eng., Flight Test Software Eng., Flight Simulation Software Eng.  
LOCATION: Dallas/Fort Worth, TX  
MAY, JULY 89 GRADS  
U.S. CITIZENSHIP REQUIRED  
2.7 G.P.A. REQUIRED

DEADLINE FOR TURNING IN RESUMES: Tuesday, February 7, 1989

**CRAWFORD, MURPHY & TILLY**  
2750 W. Washington Street  
Springfield, IL 62702  
attn: Mr. Steve Gordon

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS CE  
POSITION: Transportation Eng. (Highway or Airport Projects), Sanitary Eng., Hydraulics/Hydrology Engineer, Airport Planner  
LOCATION: Springfield, IL and St. Charles, MO  
MAY, JULY 89 GRADS  
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Tuesday, February 7, 1989  
INTERVIEW DATE: March 2, 1989

**U.S. DEPT. OF DEFENSE NAVAL WEAPONS CENTER**  
Code 22202  
China Lake, CA 93355  
attn: Ms. Mary Moore

NUMBER OF SCHEDULES: 1 EA DAY, MAR. 2, 3, 1989  
MAJORS: BS/MS EE, AE, ME  
POSITION: Junior Professional Development  
LOCATION: Naval Weapons Center, China Lake  
MAY, JULY 89 GRADS  
2.9 G.P.A. REQUIRED  
MUST BE U.S. CITIZEN

DEADLINE FOR TURNING IN RESUMES: Tuesday, February 7, 1989  
INTERVIEW DATE: March 2, 3, 1989

**O'BRIEN & GERE**  
P.O. Box 4873  
Syracuse, NY 13221  
attn: Ms. Kate McElroy

NUMBER OF SCHEDULES: 1  
MAJORS: BS or MS CE, Geol. Eng., ChE  
POSITION: Entry level design engineer positions  
LOCATION: St. Louis, MO; Novi, MI; possibly others in Northeast or Mid-Atlantic states  
MAY, JULY 89 GRADS  
MUST BE IN UPPER 2/3 OF CLASS  
U.S. CITIZENSHIP OR PERMANENT RES. VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Tuesday, February 7, 1989  
INTERVIEW DATE: March 2, 1989

**BLACK & VEATCH ENGINEERS & ARCHITECTS**  
1500 Meadow Lake Parkway  
P.O. Box 8405  
Kansas City, MO 64114  
attn: Ms. Julie Qualls

NUMBER OF SCHEDULES: 1-BS/MS CE  
1-BS/MS EE  
1-BS/MS ME  
1-BS/MS ChE  
1-BS/MS Geol. Eng.  
POSITION(s): To be listed at time of interview signups  
LOCATION: Kansas City, MO; Overland Park, KS  
MAY, JULY 89 GRADS  
2.75 G.P.A. REQUIRED  
MUST BE LEGALLY AUTHORIZED FOR U.S. EMPLOYMENT

DEADLINE FOR TURNING IN RESUMES: Wednesday, February 8, 1989  
INTERVIEW DATE: March 2, 1989

**McDONNELL DOUGLAS AIRCRAFT**  
P.O. Box 516  
Dept. 62  
St. Louis, MO 63166  
attn: Mr. David Estes

NUMBER OF SCHEDULES: 3 EA DAY: MAR. 2, 3, 1989  
MAJORS: BS/MS EE/Comp Sci., AE, ME  
POSITION(s): Research, analysis, design, devel., manufacture and testing of aircraft, missiles, electronic equipment and spacecraft systems  
LOCATION: St. Louis  
MAY, JULY 89 GRADS  
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Wednesday, February 8, 1989  
INTERVIEW DATES: March 2, 3, 1989



## Placement

from page 17

**LTV STEEL**  
P.O. Box 6778  
Cleveland, OH 44101  
attn: Mr. Bill Bush

NUMBER OF SCHEDULES: 1  
MAJORS: BS Met Eng.  
POSITION: Quality Control Management Trainee  
LOCATION: IL, IN, OH, PA  
MAY, JULY 89 GRADS  
2.7 G.P.A. REQUIRED  
ALL NEW EMPLOYEES MUST VERIFY THAT THEY ARE AUTHORIZED TO WORK IN THE U.S.

DEADLINE FOR TURNING IN RESUMES: Wednesday, February 8, 1989  
INTERVIEW DATE: March 2, 1989

**U.S. NAVAL ORDNANCE STATION**  
Code 0632A  
Indianhead, MD 20640  
attn: Mr. Lynn Shimer

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS ChE, Eng. Mgt., ME, AE, EE, CE  
Would like to see strong Environmental types  
POSITION: unknown - company is chemical process-  
ing, manufacturing, rocket & missile propulsion and  
gun propellant development  
LOCATION: Indianhead, MD  
MAY, JULY 89 GRADS  
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Wednesday, February 8, 1989  
INTERVIEW DATE: March 2, 1989

**HALLMARK, INC.**  
P.O. Box 419580  
Kansas City, MO 64141-6580  
attn: Mr. George Satterlee

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS Eng. Mgt., ME  
POSITION: Career Development Staff Asst. in  
Engr. or Mfg.  
LOCATION: Kansas City, MO

MAY, JULY 89 GRADS  
U.S. CITIZENSHIP OR PERM. RES. VISA REQUIRED  
3.0 G.P.A. PREFERRED

DEADLINE FOR TURNING IN RESUMES: Wednesday, Feb. 8, 1989  
INTERVIEW DATE: March 2, 1989

**U.S. ARMY CORPS OF ENGINEERS-KC**  
601 East 12th St.  
Kansas City, MO 64106-2896  
attn: Ms. Kathy Duffy

NUMBER OF SCHEDULES: 2 EA DAY: MARCH 2, 3, 1989  
MAJORS: BS/MS CE, ME, ChE  
POSITION: Entry-Level Engineer  
Rotational training program - hazardous  
& toxic waste, remediation projects  
LOCATION: Kansas City  
RECENT GRADS OR MAY, JULY 89 GRADS  
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Wednesday, February 8, 1989  
INTERVIEW DATE: March 2, 3, 1989

**ILLINOIS BELL**  
225 West Randolph  
Chicago, IL 60606  
attn: Mr. Fred Popp

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS EE, ME, Geol. Eng.  
POSITION: Various  
LOCATION: Chicago  
RECENT GRADS OR MAY 89 GRADS  
3.25 G.P.A. REQUIRED  
U.S. CITIZENS, U.S. NATIONALS AND INTENDING CITIZENS ONLY

DEADLINE FOR TURNING IN RESUMES: Thursday, February 9, 1989  
INTERVIEW DATE: March 3, 1989

**NOOTER CORPORATION**  
P.O. Box 451  
St. Louis, MO 63166  
attn: Ms. Sheila Adams

NUMBER OF SCHEDULES: 1  
MAJORS: BS/ME, CE MS CE (STRUCTURAL)  
POSITION: Contracting (sales) Eng., Production  
Eng., Design Eng., or Shop Fabrication Eng.  
LOCATION: U.S. CITIZENSHIP REQUIRED  
MAY 89 GRADS  
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, February 9, 1989  
INTERVIEW DATE: March 3, 1989

**MCLAREN ENVIRONMENTAL ENGINEERS**  
2855 Pullman Street  
Santa Ana, CA 92705  
attn: Ms. Annette Franklin

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS/PhD Geotechnical, ChE, CE,  
Environmental  
POSITION: Entry-level Engineer (Environmental)  
LOCATION: Springfield, MO  
DEC. 88, MAY, JULY 89 GRADS  
U.S. CITIZENSHIP REQUIRED (SUB. CONTRACTOR FOR DOD)

DEADLINE FOR TURNING IN RESUMES: Thursday, February 9, 1989  
INTERVIEW DATE: March 3, 1989

**CENTRAL MICROWAVE**  
12180 Prichard Farm Road  
St. Louis, MO 63043  
attn: Ms. Elaine Westmeyer

NUMBER OF SCHEDULES: 1  
MAJORS: BS EE, Physics, or MS EE  
POSITION: Entry-level design engineer(s)  
LOCATION: St. Louis, MO  
RECENT GRADS, MAY, JULY 89 GRADS  
3.0 G.P.A. REQUIRED  
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, February 9, 1989  
INTERVIEW DATE: March 3, 1989

**FIRST BRANDS CORPORATION**  
89 Long Hill St.  
East Hartford, CT 06108  
attn: Mr. Harold Sargent

NUMBER OF SCHEDULES: 1  
MAJORS: BS ME, EE, Eng. Mgt.  
POSITION: Project (mfg.) engineering or produc-  
tion supp. (optional) positions with-  
in company's well-known consumer  
products mfg. facilities  
LOCATION: AR, GA, IL, CT, NJ  
MAY, JULY 89 GRADS  
U.S. CITIZENSHIP OR PERM. RES. VISA REQUIRED  
2.5 G.P.A. REQUIRED

DEADLINE FOR TURNING IN RESUMES: Friday, February 9, 1989  
INTERVIEW DATE: March 3, 1989

**LOS ANGELES CO. DEPT. OF PUBLIC WORKS**  
P.O. Box 1460  
Alhambra, CA 91802-1460  
attn: Ms. Susan Noyes

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS CE  
POSITION: Civil Engineering Assistant  
LOCATION: Throughout Los Angeles County  
MAY, JULY 89 GRADS  
2.2 G.P.A. REQUIRED  
MUST BE PERMANENT RESIDENT

DEADLINE FOR TURNING IN RESUMES: Friday, February 9, 1989  
INTERVIEW DATE: March 3, 1989

## NON-PRESCREENED INTERVIEWS

**MAYTAG COMPANY**  
403 W. 4th Street North  
Newton, IA 50208  
attn: Mr. Martin Smith

NUMBER OF SCHEDULES: 1-BS/ChE  
1-BS/ME, EE  
POSITION: Design Engineer & Tool Engineer  
LOCATION: Newton, IL  
RECENT GRADS, MAY, JULY 89 GRADS  
U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED

INTERVIEW SIGNUP DATE: February 14, 1989  
INTERVIEW DATE: February 28, 1989

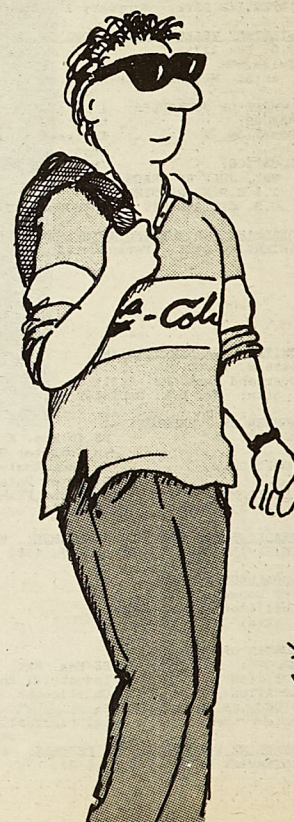
see Placement, page 19

# STUDENT REPRESENTATION!

Do you feel like Student Council  
represents you?

We hope so, but if not  
we'll change it!!

STUCO OPEN FORUM  
Missouri Room, UCE  
7:00 PM February 7





## Placement

from page 18

**INLAND STEEL COMPANY**  
3210 Watling Street  
East Chicago, IL 46312  
attn: Mr. Dewey Conces

**NUMBER OF SCHEDULES:** 1-BS/MS EE - Associate Engineer - working directly with a large variety of instrumentation, electrical, electronic, and computer equipment.  
1-BS/MS ME - Associate Engineer - Responsible to provide a quality maintenance and engineering service through a technical trained group of personnel.  
1-BS/MS MetEng. - Associate Metallurgist - Entry level position in the Quality and Operating Dept., involving metallurgical analysis of products and processes.  
**LOCATION:** MAY, JULY 89 GRADS  
2.8 G.P.A.  
U.S. CITIZENSHIP REQUIRED  
East Chicago, IN

**INTERVIEW SIGNUP DATE:** Thursday, February 16, 1989  
**INTERVIEW DATE:** March 2, 1989

**U.S. FEDERAL BUREAU OF INVESTIGATION (FBI)**  
1520 Market Street  
St. Louis, MO 63103  
attn: Mr. Richard Herman

**NUMBER OF SCHEDULES:** 1 EA DAY: MAR. 2, 3, 1989  
**MAJORS:** BS/ME, EE, CHE  
**POSITION:** Special Agent  
**LOCATION:** Undetermined - relocation in U.S.  
MAY, JULY, DEC. 89 GRADS  
U.S. CITIZENSHIP REQUIRED

**INTERVIEW SIGNUP DATE:** Thursday, February 16, 1989  
**INTERVIEW DATE:** March 2, 3, 1989

**IBM**  
One IBM Plaza  
Chicago, IL 60611

WILL BE HOLDING AN INFORMATION DAY ON FEB. 28  
INTERVIEWS TO BE HELD ON MARCH 1, 1989  
AT UNIVERSITY CENTER EAST. WATCH FOR POSTERS

## Summer Employment

### PRESCREENED INTERVIEWS

**NATURAL GAS PIPELINE/MIDCON CORP.**  
701 East 22nd St.  
Lombard, IL 60148  
attn: Ms. JoAnn Lazuka

**NUMBER OF SCHEDULES:** 1  
**MAJORS:** DEC. 89, MAY 90 ME, EE, CE, PE  
**POSITION:** Field "hands-on" engineering or office design engineering, storage reservoir engineering.  
**LOCATION:** Offices in Lombard, IL and Houston, TX; Field locations in IL, IA, MO, AR, KS, NE, OK, TX, LA, NM, CO  
2.5 G.P.A. REQUIRED  
MUST BE AUTHORIZED TO WORK FULL-TIME IN THE U.S.;  
DO NOT SPONSOR H-1 VISAS.

**DEADLINE FOR TURNING IN RESUMES:** Monday, February 6, 1989  
**INTERVIEW DATE:** Tuesday, February 28, 1989

**EXXON, INC.**  
P.O. Box 2283  
Houston, TX 77252-2283  
attn: Ms. Patsy Shockley

**NUMBER OF SCHEDULES:** 1  
**MAJORS:** BS/MS CHE, MinE, ME, GeolE, PE  
**POSITION:** SUMMER INTERN: Engineering assignments in production, marketing, refining, chemical operations, manufacturing, systems, and R&D.  
**LOCATION:** Nationwide - predominately TX, LA, and NJ  
DEC. 89 THROUGH MAY 1991 GRADS  
PREFER GPA OF "B" OR ABOVE  
STUDENTS SHOULD BRING COMPLETED EXXON APPLICATION AND COPY OF TRANSCRIPT TO INTERVIEW.

**DEADLINE FOR TURNING IN RESUMES:** Monday, February 6, 1989  
**INTERVIEW DATE:** February 28, 1989

The following companies will accept resumes - send directly to companies:

**ATEC ASSOCIATES**  
2275 Cassens Dr.  
Fenton, MO 63026

requesting resumes from CIVIL & CHEMICAL ENGINEERS  
INTERESTED IN SUMMER EMPLOYMENT. Send to Mr. Curt Schenke, above address.

**ASSOCIATED ELECTRIC COOP.**  
P.O. Box 754  
Springfield, MO 65801

requesting resumes from students who will have finished their Freshman year by May 1989 in EE or Comp Sci. Send to Mr. Dean Graham, above address.

# Co-op Employment

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

**Sign-up hours:** 7:45 am - 11:30 am  
1:00 pm - 4:00 pm  
\*\*\*\*\*

**Interview date:** Thurs. & Fri., Feb. 9-10, 1989

**CENTRAL INTELLIGENCE AGENCY**  
Washington, DC

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

**Requirements:** 3.0 GPA or above, American Citizenship required. Academic level of applicants - at least 30 credit hours completed at the end of the present semester toward bs degree program

**Sign-up date:** Thurs., Jan. 26, 1989

2 schedules - 26 interview times  
\*\*\*\*\*

**Interview date:** Thurs., Feb. 9, 1989  
and Friday, Feb. 10, 1989

**OLIN CORPORATION**  
E. Alton, Illinois

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

**Requirements:** no requirements listed

**Sign-up date:** Thurs., Jan. 26, 1989

**Interview date:** Fri., Feb. 10, 1989

**AFFINITEC CORPORATION**  
St. Louis, Missouri

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

**Requirements:** 3.0 GPA or above, American Citizenship or permanent resident alien status, 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:** Fri., Jan. 27, 1989

1 schedule - 11 interview times

pick up Affinitech application on the sign-up date.  
\*\*\*\*\*

**Interview date:** Monday, Feb. 13, 1989

**ALCO CONTROLS - DIVISION OF EMERSON ELECTRIC**  
St. Louis, Missouri

**Interviewing:** E.E., M.E.

**Requirements:** 2.5 GPA or above, American Citizenship required. Academic level of applicants - at least 45 credit hours completed at the end of the present semester toward bs degree.

**Sign-up date:** Mon., Jan. 30, 1989

1 schedule M.E. - 10 interview times  
1 schedule E.E. - 10 interview times  
\*\*\*\*\*

**Interview date:** Monday, Feb. 13, 1989

**JOHNSON CONTROLS**  
St. Louis, Missouri

**Interviewing:** E.E., M.E.

**Requirements:** 3.0 GPA or above, American Citizenship required. Academic level of applicants: Completing at least 4 semesters at the end of the present semester toward bs degree.

**Sign-up date:** Mon., Jan. 30, 1989

1 schedule - 12 interview times  
\*\*\*\*\*

**Interview date:** Tues., Feb. 14, 1989

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

**Interviewing:** Ch.E.

**Requirements:** 3.0 GPA or above, American Citizenship not required - Academic level of applicants - at least 59 hours completed at the end of the present semester toward bs degree program.

**Sign-up date:** Tues., Jan. 31, 1989

1 schedule - 12 interview times  
\*\*\*\*\*

**Interview date:** Wed., Feb. 15, 1989

**ANHEUSER BUSCH COMPANIES**  
St. Louis, Missouri

**Interviewing:** E.E., M.E., Eng.Mgmt., C.E.

**Requirements:** 2.8 GPA or above, American Citizenship or permanent resident. Academic level of applicants - 4 or 5 semesters completed at the end of the present semester toward bs degree

**Sign-up date:** Wed., Feb. 1, 1989

4 schedules - 48 interview times  
Job descriptions available at the co-op office.  
\*\*\*\*\*

**DEFENSE MAPPING AGENCY AERO CENTER**  
St. Louis, Missouri

**Interviewing:** C.Sc.

**Requirements:** 2.9 GPA or above, American Citizenship required. Academic level of applicants - at least 30 credit hours completed at the end of the present semester toward bs degree.

**Turn in resumes:** Thurs., Feb. 2, 1989

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

see Co-op, page 20



THE  
**HAIRBERDASHERY**

20% Discount on  
ALL Services

Robyn Sooter  
1703 N. Hwy. 63  
Rolla Missouri 65401  
314-364-6416

Sunday Night  
Student  
Special



**SIRLOIN  
STOCKADE**

Chopped Sirloin  
Chicken Fried Steak  
each only

**\$4.99**

Sundays  
4 p.m.-Closing

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

1401 Martin Spring Drive  
364-7168

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



# Co-op

from page 19

IOWA DEPT. OF TRANSPORTATION  
Ames, Iowa

Interviewing: C.E.

Requirements: 2.75 GPA or above, American Citizenship or permanent work permit. Junior level

Turn in resumes: Thurs., Feb. 2, 1989

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

Interview date: Monday, Feb. 20, 1989

BROWN SHOE COMPANY  
Work locations: Union, MO, Steelville, MO  
Piedmont, MO.  
Caruthersville, MO

Interviewing: Mgmt., M.E.

Requirements: 2.5 GPA or above

Sign-up date: Mon., Feb. 6, 1989

1 schedule - 12 interview times

Interview date: Tues., Feb. 21, 1989

MONSANTO COMPANY  
St. Louis, Missouri

Interviewing: C.Sc., E.E.

Requirements: 3.0 GPA or above, American Citizenship or Permanent Visa, must be completing sophomore year.

1 hour interviews

Sign-up date: Tues., Feb. 7, 1989

Pick up Monsanto application on the day of sign-ups

2 Schedules - 14 interview times

Monsanto will have an orientation on Monday, Feb. 20 from 2:00 pm - 3:30 pm in the Ozark Room -University Center. All students interviewing with Monsanto must attend and bring their completed Monsanto application.

Interview date: Thurs., Feb. 23, 1989

PUBLIC SERV. OF INDIANA  
Plainfield, Indiana (near Indianapolis)

Interviewing: E.E., M.E.

Requirements: 2.6 GPA or above, American Citizenship not required. Academic level of applicants - at least 25 number of credit hours completed at the end of the present semester toward bs degree.

Sign-up date: Thurs., Feb. 9, 1989

1 schedule - 12 interview times

Interview date: Thurs., Feb. 23, 1989

UNION ELECTRIC  
St. Louis, Missouri

Interviewing: Ch.E., E.E., Eng.Mgmt., M.E.  
Nuc.E.

Requirements: 2.5 GPA or above, completing 5 semesters, Junior level, Permanent Visa or American Citizenship

Sign-up date: Thurs., Feb. 9, 1989

2 schedules - 24 interview times

Interview date: Fri., Feb. 24, 1989

SOIL CONSULTANTS INC.  
St. Peters, Missouri

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

Requirements: 2.5 GPA or above, American Citizenship not required. Academic level of applicants - at least 45 credit hours completed at the end of the present semester toward bs degree.

Sign-up date: Fri., Feb. 10, 1989

1 schedule - 12 interview times

WOODBIDGE CORPORATION  
Riverside, Missouri

Interviewing: Ch.E., E.E.

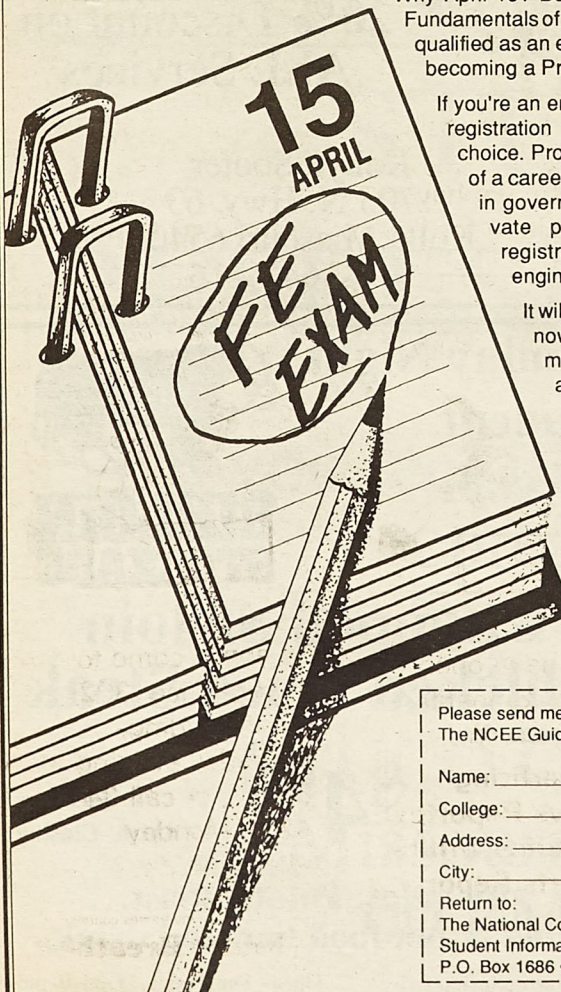
Requirements: American Citizenship not required. Academic level of applicants - at least 45 credit hours completed at the end of the present semester toward bs degree.

Turn in resumes: Tues., Feb. 14, 1989

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

see Co-op, page 21

## April 15 Could Be The Most Important Day of Your Career



Why April 15? Because that's when you can take the Fundamentals of Engineering examination and become qualified as an engineer-in-training ... the first step in becoming a Professional Engineer.

If you're an engineering student consider this. P.E. registration allows more career flexibility and choice. Professional Engineers aren't locked out of a career path; jobs are theirs for the choosing in government, industry, construction and private practice. Many employers require registration for advancement to senior engineering positions.

It will never be easier to take the exam than now, while courses are still fresh in your mind. The test, developed by the National Council of Engineering Examiners, will be administered on April 15 at sites selected by the Missouri State Board for Architects, Professional Engineers and Land Surveyors. The cut-off date for exam applications is March 2. For more information, call the state board at (314) 751-2334.

Clip and return the coupon below for a free brochure on how to become a P.E.:

Please send me the free brochure, "Why Become a P.E.?"  
The NCEE Guide to Registration."

Name: \_\_\_\_\_

College: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Return to:  
The National Council of Engineering Examiners  
Student Information  
P.O. Box 1686 • Clemson, S.C. 29633-1686

## Brano's

Banquet Facilities Available  
Men's Night - Wednesday  
Ladies' Night - Thursday  
9:30 - 1:00

341-2110

2001 Forum Drive

# AIM HIGH

## START EXECUTIVE TRAINING NOW

Don't wait until you finish college to start a management training program. If you have at least two years remaining, consider Air Force ROTC. We can give you a head start on a fast-paced career.

CAPT EDWARDS  
314-341-4925

AIR FORCE ROTC

Leadership Excellence Starts Here



## Co-op

from page 20

NAVAL RESEARCH LABORATORY  
Washington, DC

Interviewing: A.E., Math., Ch.E., Chem.,  
C.Sc., E.E., M.E., Physics, Geophysics.

Requirements: 2.5 GPA or above, American  
Citizenship required, sophomores or above.

Turn in resumes: Wed., Feb. 15, 1989

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

\*\*\*\*\*

BELL NORTHERN RESEARCH  
Research Triangle Park, NC

Interviewing: C.Sc. - Interested in tele-  
communications

Requirements: 3.0 GPA or above, American  
Citizenship not required - Academic level  
of applicants - at least 30-59 credit hours  
completed at the end of the present semester  
toward bs degree.

Turn in resumes: Thurs., Feb. 16, 1989

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

\*\*\*\*\*

Interview date: Thurs., March 2, 1989

SUNNEN PRODUCTS  
St. Louis, Missouri

Interviewing: E.E.

Requirements: 3.0 GPA or above, Academic  
level of applicants - at least 30 credit hours  
completed at the end of the present semester  
toward bs degree

Sign-up date: Thurs., Feb. 16, 1989

1 schedule - 11 interview times

\*\*\*\*\*

NOTE:

March list will be available on Mon., Feb. 13.

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 interviewing  
you.

Please check with the Co-op Office periodically  
to see if additional companies have scheduled  
interviews.

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

ADDITION TO FEBRUARY CO-OP LIST

Interview date: Thurs., Feb. 16, 1989

GENERAL MOTORS - OKLAHOMA CITY  
OKLAHOMA CITY, OKLA.

Interviewing: E.E., Eng.Mgmt.

Requirements: 3.0 GPA or above, American  
Citizenship required or a permanent visa.  
Academic level of applicants: at least 29  
credit hours completed at the end of the present  
semester toward bs degree.

Sign-up date: Thurs., Feb. 2, 1989

1 schedule - 8 interview times

\*\*\*\*\*

Interview date: Thurs., Feb. 16, 1989

GENERAL ELECTRIC AIRCRAFT  
ARKANSAS CITY, KANSAS

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

Requirements: 3.0 GPA or above, Proper Employment  
Authorization

Sign-up date: Friday, Feb. 3, 1989

1 schedule - 13 interview times

\*\*\*\*\*

see Co-op, page 22



### Special

Two Medium  
Meat Lover's  
for \$12.99  
or one for \$8.99

offer not good with  
any other coupon

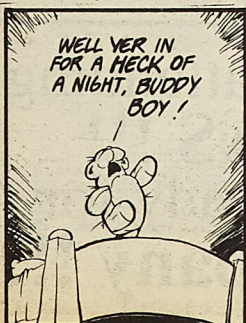
Expires 2-5-89

# Help Wanted!

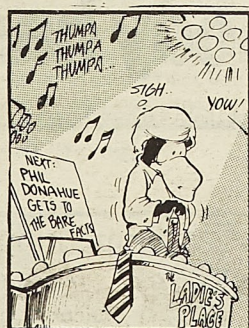
Are things falling  
down around you?



Drop by one of our  
weekly meetings.



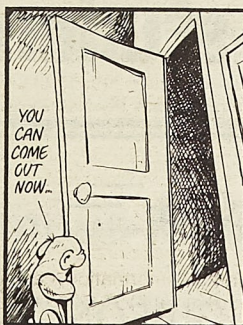
Don't do anything  
irrational!



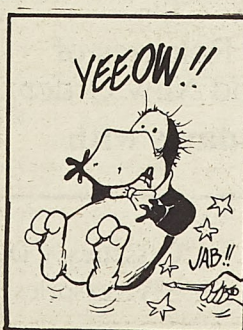
Apply for a position  
with our interesting  
staff.



Do you have any  
hidden talents?



Get the point? Then  
get a job:



If so, we have a  
position for you.



We have openings,  
with competitive  
salaries, in  
**Advertising**  
**News Reporting**  
**Features writing**  
**Sports Reporting**

You can work for the  
**Missouri Miner!**



To apply, come to the  
**Miner** office, 302  
Rolla Building,  
Thursday evening at  
6 p.m., or call 341-  
4235 Monday  
afternoon.

Bloom County frames courtesy of  
**Berke Breathed**



## Co-op

from page 21

SIGN-UP FOR AIR PRODUCTS AND CHEMICALS, INC.  
CO-OP INTERVIEWS

TURN IN RESUMES: Tuesday, Feb. 7, 1989

WHERE: Co-op Office, 101 Buehler Bldg.

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

INTERVIEWING: Ch.E., M.E.

REQUIREMENTS: 2.8 GPA or above, Permanent Resident, Academic Level of applicants: at least 45 hours completed at the end of the present semester toward bs degree. At least third semester standing.

THE ACTUAL INTERVIEW DATE WILL BE Tuesday, Feb. 28, 1989. (Interview date changed to Wed., Feb. 22.)

AIR PRODUCTS &amp; CHEMICALS, INC., ALLENTOWN, PA. (PLANT LOCATIONS NATIONWIDE) CALVERT CITY, KY WICHITA, KANSAS HAS REQUESTED THAT WE FURNISH THEM WITH RESUMES FOR PRE-SCREENING. WE WILL ACCEPT AS MANY CO-OP RESUMES AS WE CAN COLLECT. JUST DROP OFF A COPY OF YOUR CO-OP RESUME ON THE ABOVE TURN IN DATE. YOU WILL NEED TO CHECK AT THE CO-OP OFFICE NO LATER THAN FRIDAY, FEB. 17 TO SEE IF YOUR NAME IS ON THE LIST.

SIGN-UP FOR MCDONNELL DOUGLAS CORP. CO-OP INTERVIEWS

TURN IN RESUMES: Tuesday, February 7, 1989

WHERE: Co-op Office, 101 Buehler Bldg.

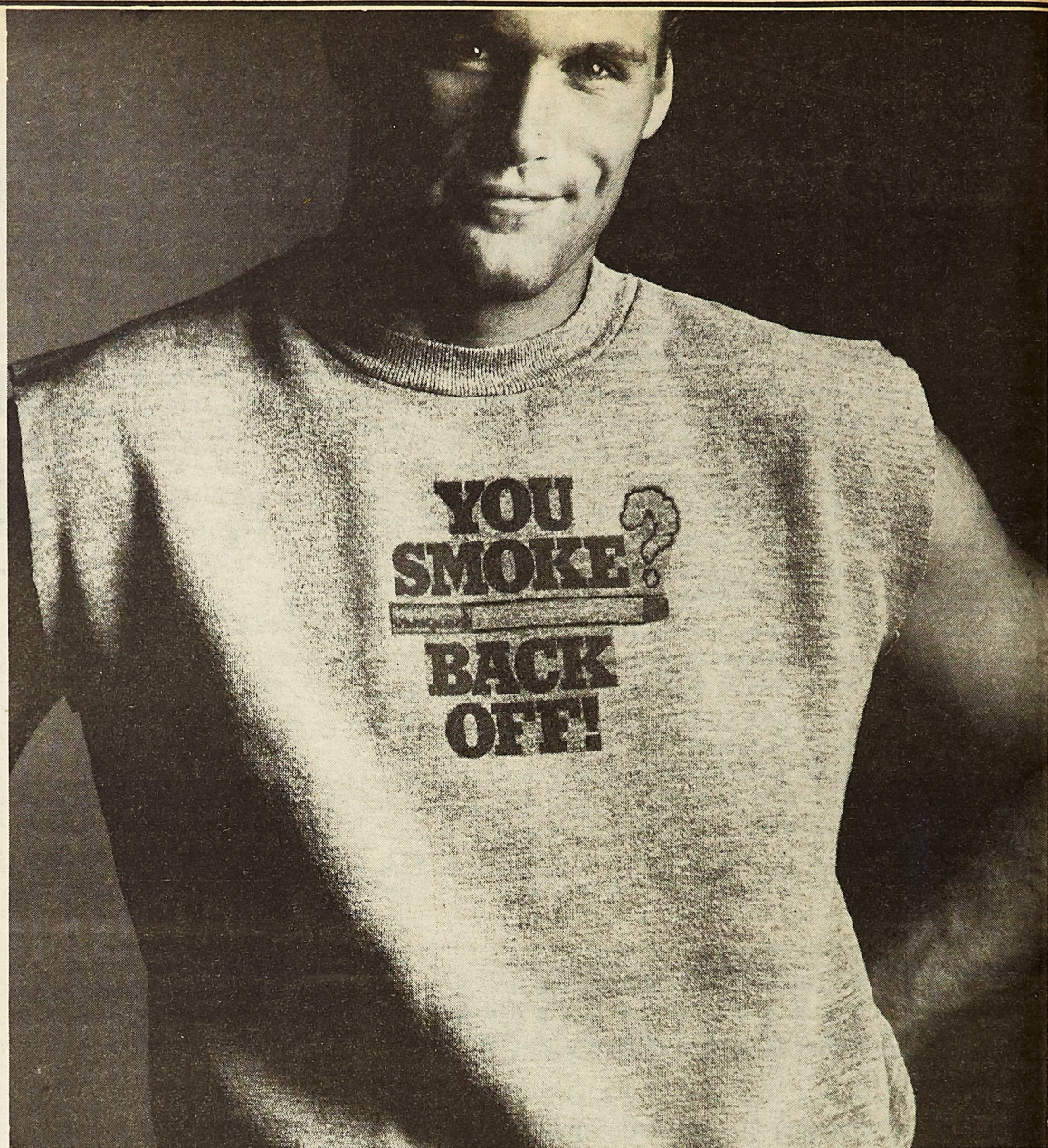
TIMES: 7:45 am - 11:30 am - 1:00 pm - 4:00 pm

INTERVIEWING: A.E., C.Sc., E.E., M.E., Eng.Mgmt.

REQUIREMENTS: 3.0 GPA or above, American Citizenship required, 29 credit hours completed at the end of the present semester toward bs degree.

THE ACTUAL INTERVIEW DATE WILL BE TUESDAY, FEBRUARY 28, 1989

McDonnell Douglas, 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, McDonnell will send the Co-op Office a list of those students they are interested in interviewing. The list should be posted in the UMR Co-op Office by Friday, February 17th. Check with the Co-op Office no later than Feb. 17.



# The student body has spoken.

U.S. Department of Health &amp; Human Services

## the music station

For all your music needs

DEBBIE GIBSON  
ELECTRIC YOUTH

\$12.98 CD's

\$7.98 CS's

Also New Releases of  
Lou Reed and New Order10% OFF all cassettes on Wednesday's with  
Student I.D.Monday - Saturday  
10 A.M. - 7 P.M.Copperfield Square  
602 W. 6th st.  
364-2497Cassettes, CD's  
Accessories

Something Special Florist

6th &amp; Park 364-8181

Valentine Flowers & Balloons  
FTD Wire Service - Tus Rentals

Thanks for attending  
**KANSAS !!!**  
Now get ready for  
**Bad Company !!!**



## Outstanding teachers selected

Submitted by News and Publications

UMR Chancellor Martin C. Jischke congratulated UMR's "Outstanding Teachers" for the 1987-88 academic year. The professors were, Romesh C. Batra (ME and AE and engineering mechanics), Jack B. Riddle (history), Troy L. Hicks (mathematics and statistics), Larry R. Edwards (aerospace studies; Air Force ROTC), Larry Gragg (history), John Best (CE), David Oglesby (ME and AE and engineering mechanics), Ron Kohser (metallurgical engineering), James Stoffer (chemistry), Oliver Sitton (Chem-E), Lawrence Christensen (history), Walt Eversman (ME and AE and engineering mechanics), William Andrews (CE), Suzanne Chamier

(applied arts and cultural studies), Elizabeth Cummins (english), Leonard Koedritz (PE), Bob Wolf (metallurgical engineering), John B. Kincaid (CE), Tim Gray (physics), Don Askeland (metallurgical engineering), Sam Geonetta (applied arts and cultural studies), Roger A. Hildebrandt (aerospace studies; Air Force ROTC), Frances Haemmerlie (psychology), Bruce Poling (Chem-E), and William H. Tranter (EE).

The "Outstanding Teachers" were honored at the November General Faculty meeting. They were identified by the campus's Committee for Effective Teaching and Faculty Awards on the basis of student evaluations of the teaching faculty.



1988's Outstandings Teachers

courtesy News and Publications

## IBM

from page 1

learn about the individual components of CIM as well as the integrated manufacturing system as a whole."

According to Dr. Yildirim Omurtag, chairman of UMR's engineering management department, "UMR is developing ways to provide interdisciplinary experiences in manufacturing in our educational program in order to prepare our graduates to meet the needs of industry. An interdisciplinary course dealing with integrated manufacturing is the hub of a program in which students draw information and experience from satellite courses and laboratories."

"Our long-range goal is to be able to teach all the elements of CIM and then provide an opportunity for students to implement the concepts in a realistic business situation," according to Omurtag. "Our capstone activity will be a project in which students conceive, design and manufacture a product that will be marketed in the UMR bookstore. Project teams will consist of students whose collective training covers the areas of marketing,

design, product engineering, manufacturing and business management. To achieve this goal, we must have a laboratory that consists of intelligent, totally integrated flexible systems, and the education partnership program with IBM will help us develop this type of laboratory."

Dr. H. Dean Keith, assistant dean of the School of Engineering and director of the Center for Technology Transfer and Economic Development at UMR, believes the cooperative effort will enhance UMR's abilities to educate its students and also will be beneficial to IBM by helping it better serve the needs of its clients. "Other businesses could benefit as well," Keith added. "For example, the School of Engineering extension program and the UMR Center for Technology Transfer and Economic Development will cooperate to provide support for a faculty member who will assist in the development of the CIMF laboratory and help small- and medium-size manufacturing businesses implement CIM strategies."

## University Orchestra needs singers and instrumentalists

Submitted by News & Publications

The University Orchestra and Choir at the University of Missouri-Rolla is currently seeking instrumentalists and singers for a performance of "A German Requiem," a Johannes Brahms (1833-97) work which will be performed at 2 p.m. Sunday, April 23, at the Presbyterian Church in Rolla.

According to Joel Kramme, UMR assistant professor of music, the orchestra includes violins, violas, double basses, woodwinds, brasswinds and percussion instruments. The orchestra is in particular need of string players.

The orchestra meets each Thursday

evening from 7-9:15 in 101 Old Cafeteria on the UMR campus.

The choir meets each Monday, Wednesday and Friday from 12:30-1:20 p.m. in the same location.

"It is important to the UMR orchestra and choir that people capable of performing string instruments and capable singers within the south central area of Missouri be informed of this opportunity to perform such literature," Kramme said. "Enrollment as a student at UMR is not necessary," he added.

In addition, persons with solo capabilities are being sought for an open audition, which is scheduled for 2 p.m. Sunday, February 5, in 101 Old Cafeteria.

teria.

"Two solo roles for soprano and baritone voices will be selected from the auditions," Kramme said.

"Participation of students and non-students in the orchestra and choir enhances their quality and makes for an enriching experience for the participants," Kramme explained. "In the past we have had persons travel more than 60 miles to Rolla to participate in the orchestra. Their contribution to the orchestra included quality as well as continuity," he added.

For further information contact Kramme, G-8 Harris Hall, UMR, Rolla, MO 65401, phone 314-341-4109.

## Headlines

from page 1

Thursday's highlights include a deposit fee proposed by President Bush. The thirty cent fee would be implied on every \$100 deposited in banks and savings and loans nationwide.

On the Libyan chemical weapons issue, West German police raided three companies discovering information linking them with the possible poison gas plant. One of the companies was under investigation due to

export violations for the Libyan project.

All information was obtained through the St. Louis Post-Dispatch under various reporters, news services, and American Press.

## Campus Ministries sponsors global tour

Submitted by Campus Ministries

The new year began with a remarkable experience for 13 students, faculty, and pastors from university and seminary campuses and local churches who were a part of the Missouri Campus Ministries Global Education Study Tour to Costa Rica, January 2-14. Coordinated by Campus Pastor, Cleo Kottwitz, who serves the United Ministries in Higher Education / Wesley Foundation at UMR, the group included: Matt Bobbitt, a student at SMSU; Michelle Conn and Sharon Kenagy, students at Northwest Missouri State, Maryville; Amy Jo Bruns, Stewart Curtwright, and Karen Zuroweste, students at UM-Columbia, and Bob Kronschnabel, a graduate student here at UMR.

Others who participated included: Rev. Don Jarvis, pastor of Longview

United Methodist Church and part-time instructor at St. Paul School of Theology in Kansas City; Rev. Clayton Smith, Rev. Danny Reeves, and Dr. Doug McNeil from Schweitzer United Methodist Church, Springfield; and Professor Jim Joiner, who served as faculty advisor from UMR.

The program in Costa Rica was developed by Alfalit International, an ecumenical grassroots, Christian community development ministry working in 13 Latin-American countries. They provided excellent leadership and supportive care for group participants. The program the arranged included: Three days working with the Guaymi people near the Panama border, helping to build a bridge across a river which divides their community; visits to the National

University, the ecumenical Latin American Biblical Seminary, the Habitat for Humanity house building project, and much more. Each day began with devotions, often based on Unexpected News: Reading the Bible With Third World Eyes, by Robert McAfee Brown, each day ended with group reflection and sharing.

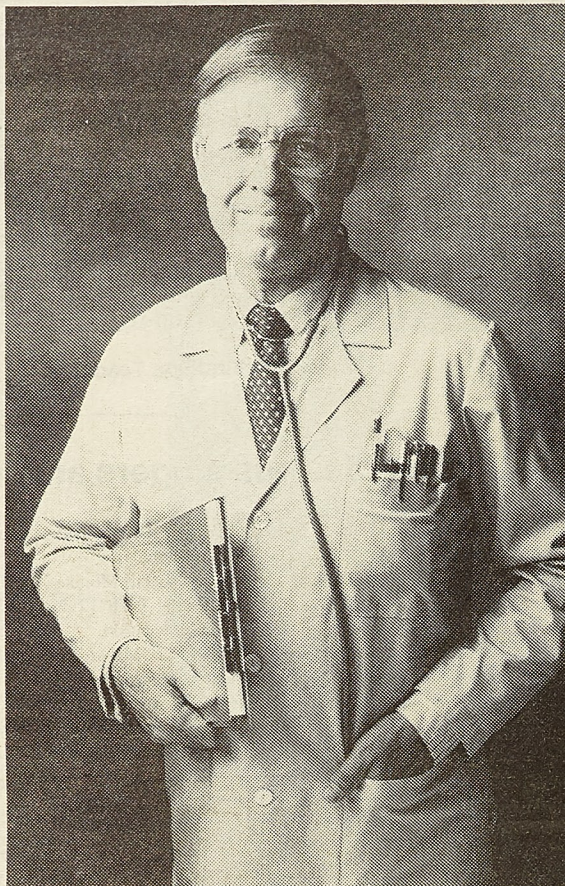
Aware that the earth has become a "global village"...and remembering the Biblical injunction to "Love your neighbors as yourself"...the group went to Costa Rica "to meet our neighbors in another land...to listen to them and learn from them...to share life with them, so we can better love our neighbors both at home and around the world." With that spirit of openness and love, the group learned much about themselves as well as their neighbors.



courtesy News and Publications

Campus Ministries members





**FOR THE BEST DEFENSE  
AGAINST CANCER, SEE HIM  
ONCE A YEAR.**

**AND HIM ONCE A WEEK.**

He may not look like everybody's idea of a cancer specialist.

But there's strong evidence that your greengrocer has access to cancer protection you won't find in any doctor's office.

Like broccoli. Peaches. Canteloupes. Spinach. And other sources of Vitamin A related to lowering the risk of cancer of the larynx and esophagus. Not to

mention sweet potatoes, carrots, pumpkin, winter squash, tomatoes, citrus fruits and brussels sprouts.

Vegetables such as cabbage, broccoli, brussels sprouts, kohlrabi and cauliflower may help reduce the risk of gastrointestinal and respiratory tract cancer.

Fruits and vegetables (and whole grain cereals such as

oatmeal, bran and wheat) may help lower the risk of colorectal cancer.

In short, make sure you do what your mother always told you to do. Eat your vegetables.

**AMERICAN  
CANCER  
SOCIETY**

Ad No. 0286-A (3 col. x 130 lines)

This space contributed as a public service.

86-20M-No. 0286