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The Missouri Miner, January 27, 1999

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The

Missouri Miner

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



January 27, 1999

Volume 88, Number 16

24 pages

Forum raises questions about intercultural relations

by Andrea Benson

Assistant News Editor

How effectively does the campus administration promote good intercultural relations between students? This was the primary topic in question at the open forum held in the Southwestern Bell Cultural Center last Thursday night. Jokes, laughter, and warm smiles eased the tension of the controversial issue of racism and the effectiveness of programs that promote its awareness.

The moderator was Toni Scott, the Director of Multicultural Education. The facilitators were Maleika Patterson and Terry McCloud, both four-year students at UMR. After refreshments were served, the forum began.

The first topic raised was whether the campus environment had changed in reference to cultural relations. Student Rodney Brooks

believed that it had not changed. "I don't think the environment has changed as much as I've changed. I think I am more aware of the channels that exist to deal with it. The problem is still the same as it was, but I know

know it's out there, but they're doing it in secret now, so you don't know who's against you anymore. I think the campus is more aware of the problem, but I don't think it's hitting the people who need to hear it."

Gustavo Gonzalez sees the issue in a different way. "I haven't experienced any discrimination since I got here. All of the people are being students. If I ask for help, I don't think there is any diversity problem. The environment hasn't improved, but it hasn't gone down at all."

Scott believes that the problem will persist due to the new students and new staff coming in each year, which presents new people

for the intercultural centers to introduce the benefits of cultural diversity. "All you need is one or two people to cause a problem. New students come

in and then there is a repetition. If the university didn't want the racism to stop, we wouldn't have the centers and programs we have."

According to Scott, the cause of the problem or racism is based upon an individual's fear of the unknown. "It's a learned behavior. They can learn from parents, T.V. or media to be afraid of the unknown. Maybe they had a bad experience with minorities as well."

Whatever the reason, some stu-

dents perceive a definite problem with intercultural relations. The intercultural organizations are trying to discover how best to lessen it. In the past, organizations such as the Campus Environmental Committee have put on the Unity Day celebration involving a march around campus and hamburgers served at the Puck. Also, diversity retreats intend to get people of different cultural makeup together.

see Forum, page 23

UMR public relations campaign receives recognition at banquet

by Allan Annaert

News Writer

UMR received three awards last week in recognition of its public relations campaign.

The awards were presented by the Council for the Advancement and Support of Education (CASE), District VI, in the annual awards banquet.

The University received Silver Awards (second place) in the categories of World Wide Web home pages, Best Solution to a Communications Challenge, and Institutional Relations Projects. The award winning UMR entries were among the more than 660 entries received from colleges and universi-

ties in District VI.

UMR was represented at the banquet by Lindsay Bagnall, Assistant Director of the Alumni Association; Jennie Bayless, Admissions

Coordinator; Andrew Careaga, Director of Public Relations and Chairman of CASE, District VI; Martina Hahn, Director of Admissions and Greg Harris, and Anne Weller, Development Officers.

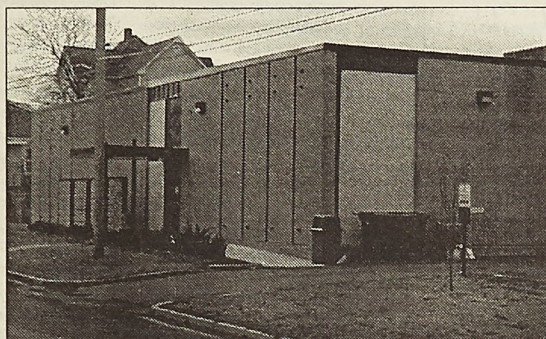
District VI is comprised of Missouri, Colorado, Iowa, Kansas, Nebraska, North Dakota, South Dakota, and Wyoming. Megan Oldfield, Webmaster for UMR, explained that, "There are a lot of



Andrew Careaga holding one of the three awards from the CASE awards banquet.

photo by Allan Annaert

big schools that see Awards, page 23



The open forum held at the Southwestern Bell Cultural Center (above) discussed the effectiveness of programs on campus that promote awareness of racial issues.

photo by Justin Ferguson

where to go if I have a problem."

However, student Joseph Kweh thought differently. "I believe it's changed for the worse in that people

UMR physics student co-authors paper

UMR News Service

The phrase "publish or perish" is often used to describe the competitive world of academia, where it's never too early to start making a name for yourself. That's why undergraduate physics students at the University of Missouri-Rolla like Keith Winkler are encouraged to get a head-start on the competition.

Winkler, a junior from St. Louis, co-authored a paper that recently appeared in "Physical Review Letters," a publication UMR Curators' Professor of physics Don Madison describes as "the most prestigious journal in the world dedicated to reporting advances in physics research that warrant rapid circulation."

The November publication of the paper represented a major accomplishment for a 21-year-old student. "It's thrilling to see my name next to some of the biggest names in the field," said Winkler, one of the paper's seven co-authors.

Madison, who advises a group of four young physicists at UMR, thinks it's important to introduce students to meaningful research early in their careers. "We do an outstanding job of getting our undergraduates involved in research projects," Madison said. "This is not common at most universi-

ties where research-intensive study is usually reserved for graduate students."

The latest success story came about through a joint effort with researchers at Griffith University in Brisbane, Australia. The Australian physicists conducted the atomic experiments and Winkler performed



Physics major Keith Winkler photo by Justin Ferguson

all the theoretical calculations associated with their findings. The results, which described what happens when an isolated sodium atom simultaneously encounters a laser beam and a beam of electrons, were deemed important enough to be of interest to the global physics community and were subsequently published in

"Physical Review Letters."

Winkler and Madison, in conjunction with a group from Flinders University of South Australia, are currently finishing work on another project. This research effort is focused on examining the physical effects that can be learned when positrons interact with atoms. According to Madison, it is possible to discover new physics from anti-particles like positrons that could never be learned from normal particles like electrons. The group has just submitted their findings for publication. Winkler, who focuses on the theory, is the lead author of the paper this time, an accomplishment that Madison describes as very unusual for an undergrad.

Madison gets annual funding from the National Science Foundation to promote undergraduate physics research. Last year, two of the five winners of an American Physical Society contest for the best research among undergraduates studying atomic, molecular and optical physics in North America were UMR students. Dan Chitwood, a senior from St. Louis, and Chris Maloney, a senior from Newburgh, Ind., were both invited to speak at the society's annual meeting in Santa Fe, N.M. Maloney has been named a winner for the second year in a row and will speak at the society's meeting this March in Atlanta, Ga.



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Do you like seeing the employment listings in the Miner? See page 14 for more information.

Students chosen for legislative internship

Two students at the University of Missouri-Rolla have been selected by the Rolla Chapter of the Associated Students of the University of Missouri (ASUM) for its Legislative Internship Program for the 1998-99 academic year.

Traci Walker of Carverville, Ill., and Pat Laycock Jr. of St. James, Mo., both juniors in history at UMR, are two of 10 students within the University of Missouri System to be chosen for the internship based on academic achievements, extracurricular activities, experience, and an interview and essay.

Walker and Laycock have undergone extensive training during the fall semester to prepare for their work as registered lobbyists with the Missouri Ethics Commission. They will earn six hours of political science credit for their work during this internship.

Founded in 1975, ASUM is a student organization to protect student interests at both the state and national legislatures.

Walker is a 1996 graduate of Carverville High School in Illinois. At UMR, she is president of Kappa Delta sorority and a member of the Panhellenic Council and the Student Union Board.

Laycock is a 1996 graduate of John F. Hodge High School in St. James. He is a member of the Collegiate Eagle Scout Association.

COC Career Fair Feb 10

The UMR Spring '99 Career Fair will be held from 10 a.m.-4 p.m. Wednesday, Feb. 10, in the Student Recreation and Intramural Center at Gale Bullman Multi-Purpose Building, 10th Street and Highway 63. This will be the first time the fair has

been held in the Recreation Center. For more information, contact the Career Opportunities Center at 341-4343.

Visitors night at UMR observatory

The University of Missouri-Rolla physics department is sponsoring a visitors night beginning at 7 p.m. Friday, Jan. 29, at the UMR Observatory.

Weather permitting, visitors may view the Moon and Saturn through the observatory's 16-inch telescope, says Dr. John L. Schmitt, UMR associate professor of physics.

The event is free and open to the public.

The observatory is adjacent to UMR's Stonehenge replica on Highway 63 North, north of V.H. McNutt Hall and west of St. Patrick's Lane.

Anger seminar set for Feb. 3

The Center for Personal and Professional Development is sponsoring an Anger Management Series meeting from 12-1:30 p.m. beginning Wednesday, February 3, and continuing for four weeks. Students, faculty and staff are all invited to participate (members are welcome to bring their lunches).

Anger can take a toll on interpersonal relationships, health and happiness. The workshop will be helpful for individuals who notice that they feel very annoyed by others, sometimes take action while angry, sometimes drive recklessly or drink too much when irritated, or lose sleep because of feeling upset.

Dr. Sam Burton and Diane Stutts will lead the group members through a process of identifying their anger styles and anger "triggers". We'll look at the impact of anger on our lives. Group members will be taught how to cope with anger and

In A Nutshell

Campus newsbriefs and announcements

begin the process of changing their response patterns.

All groups are confidential. Individuals interested in the group must first be screened before participating. Please contact the Center for Personal and Professional Development at 341-4211 to set up a screening interview with Dr. Burton or Diane Stutts.

For more information, please contact Diane Stutts at 341-4211.

MEP scholarship deadline approaching

The University of Missouri-Rolla will offer up to 25 Minority Engineering Program (MEP) scholarship packages for the 1999-2000 academic year. The application deadline is Jan. 31, 1999.

Selection is based on a combination of academic success in high school, interest in engineering, national test scores, high school class rank and grade point average, and recommendation from high school counselors and math or science teachers.

The Minority Engineering Program provides for a total of \$9,000 in financial support for the freshman year. This scholarship covers the cost of in-state tuition and fees, books, and room and board, and is offset by any federal or state grants or other scholarships the student may receive. Portions of the scholarship package may be renewable. Out-of-state MEP applicants will automatically be considered for a limited number of non-resident fee scholarships, which pay an average of \$2,500.

The program begins with a seven-week pre-engineering enrichment session in the summer. The summer session includes courses in mathematics, English and chemistry;

meetings with university department chairpersons to acquaint students with the different engineering disciplines; and seminars presented by industrial representatives to introduce students to various career opportunities in engineering and science. Students are also made aware of social activities and other opportunities on campus. The summer enrichment program is provided at no charge to students.

During the fall academic semester, MEP students enroll in the Freshman Engineering curriculum at UMR.

Because of the industrial need for more engineering graduates, a group of nationally recognized corporations, in conjunction with UMR, initiated MEP, now in its 25th year. More than 700 students have participated in the program, which is designed to increase the number of minority graduates with engineering degrees.

All necessary scholarship forms, including transcripts and recommendations, must be in the MEP office by Jan. 31, 1999. Please contact Floyd Harris, director of the Minority Engineering Program, for additional information: 212 Engineering Research Lab, Rolla, Mo., 65409. Interested students can call Harris at (573) 341-4212.

Record number of awards for RHA

Students at the University of Missouri-Rolla picked up a record number of awards recently at the Midwest Affiliation of College and University Residence Halls' annual leadership development conference.

The MACURH conference, held Nov. 13-15 at St. Cloud State University in St. Cloud, Minn., involved more than 750 delegates from schools in Missouri, Kansas, Iowa, Nebraska, North Dakota, South Dakota, Minnesota and Manitoba, Canada. Twenty-seven UMR

students attended the conference.

UMR competed against 61 other schools and won six of 10 annual awards given. Receiving awards from UMR were:

—Travis Burke of Bourbon, Mo., a junior in mining engineering, who was one of five UMR students to receive the Four-Year Service Award pin.

—Anne Cannady of Gurnee, Ill., a senior in engineering management, who received the National Residence Hall Honorary Member of the Year Award for her efforts to recognize the best that UMR residence halls have to offer in leadership development. Cannady also was one of five UMR students to receive the Four-Year Service Award pin.

—Martin Kofsky of St. Louis, a senior in management systems, one of five UMR students to receive the Four-Year Service Award pin.

—Patrick Painter of Muskogee, Okla., a senior in engineering management, who received the Distinguished Service Award for his mentoring and leadership efforts. Painter led the UMR effort to create the world's longest paper chain in March 1997.

—Mike Raska of Skiatook, Okla., a junior in UMR's College of Arts and Sciences, who received the region's National Communication Coordinator of the Year Award. Raska also was one of five UMR students to receive the Four-Year Service Award pin.

—Justin Ryan of Germantown, Tenn., a senior in electrical engineering, one of five UMR students to receive the Four-Year Service Award pin.

In addition to the individual recognition, the UMR group received the Student Action Team Chapter of the Year Award, the Large School Spirit Award and the Large School Banner Award.

Information compiled from various sources



The Missouri Miner

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

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 may be withheld upon request.

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

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Submissions for publication must be in our mail box in 113 University Center-West by 3:30 p.m. on the Thursday before publication. Submissions will be accepted through e-mail at miner@umr.edu. The Missouri Miner reserves the right to edit all submissions for style, grammar, punctuation, spelling, length, and matters of good taste.

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NATIONAL & INTERNATIONAL NEWS BRIEFS

Female students reporting more stress than males

Women have closed the gender gap in college enrollment, but another gap has widened: College women are working harder and feeling more stress while their male counterparts are having a good time.

In a nationwide survey of college freshmen to be released Monday, women are five times as likely to be anxious as men, reporting they frequently felt "overwhelmed by all I have to do."

These young women are smoking more than men. More of them say they frequently felt depressed in the last year, more are worried about paying for college and feel insecure about their physical and emotional health.

Gender differences in lifestyle seem to contribute to the growing stress gap. During the last year, male students spent considerably more time exercising, partying, watching TV and playing video games, while female students were juggling more household and child-care chores, studying more and doing more volunteer work.

Survey founder Alexander W. Astin calls the stress gap, which began widening in the mid-1980s, "one of the ironies of the women's movement."

Astin, who has tracked shifting student attitudes for 35 years, notes that college students are experiencing an early version of the stress that "super-moms" feel later in life, pursuing a career, maintaining a household and raising kids.

The annual American Freshman Survey, the nation's oldest and most comprehensive assessment of student behavior and attitudes, canvassed 383,815 of the 1.6 million first-year students at colleges and universities in the United States.

Nearly 71 percent of women were at least somewhat concerned about financing their college education, compared to 58.5 percent of men. About 16.5 percent of women said they smoked frequently within the last year, compared to about 15 percent of men. Nearly 11 percent of women reported that they frequently felt depressed, compared to about 7.3 percent of men.

About 38 percent of women reported they frequently "felt overwhelmed" with all they had to do, compared to a mere 7.3 percent of men.

Republicans realize Clinton will stay in office

When Rep. John T. Doolittle decided he would boycott the president's State of the Union address last week, he didn't fire off a blistering news release and stomp out of the Capitol in righteous indignation.

He went to the dry cleaners, picked up his shirts and called his wife. "I'm not going to the speech. Do you have something planned for dinner or do you want me to bring home some chicken?"

Across the country, conservatives like this ultra-right Republican from the small Northern California town of Rocklin are coming to terms with reality: William Jefferson Clinton will not likely be removed from office.

For six years they have despised this president. When the Monica S. Lewinsky scandal surfaced, they were the driving

force that kept it alive. Their zeal to see Clinton brought to justice gave the House the thrust to pursue impeachment even when the majority of Americans wanted it gone.

But every time they think they have Clinton on the ropes, he pops back to the center of the ring, stronger than ever. And once again, as the Senate trial threatens to descend into a partisan slugfest, the GOP is on the defensive for pressing the case.

For Doolittle, it's like some perverse parable that teaches the wrong lesson. The king breaks the law, but he isn't punished, he's praised! It runs against the grain of everything he believes is right, every teaching of his Mormon faith. And sometimes it's just too hard to watch.

So after considerable deliberation, the four-term congressman made sure he was miles away from the Capitol before Clinton took the podium to, in Doolittle's view, disgrace the honorable House with his very presence. Had he stayed, he would have had to sit without applauding to show his disdain, and what would be the point of that? Better to just get the shirts, pick up the chicken, get on with life.

"I must say, were I in the Senate, I would vote to convict, to remove this man who is not fit to hold office," Doolittle said in his characteristic slow burn, a simmering anger that rarely boils. "But I must admit at this point, it does seem like an uphill battle."

The ground seemed to shift that chaotic Tuesday when the president's men unveiled a better-than-expected defense immediately followed by a Clinton State of the Union performance that could only be called grand. The president looked stunning in his dark suit, his silver hair perfectly coiffed, his water pitcher with three glasses, already poured, at his left hand. No "I" undotted. No "I" uncrossed.

Doolittle, 48, sat in his Northern Virginia kitchen with his wife, Julie, and his 6-year-old daughter, Courtney, the television off. Even so, it was Topic A at the dinner table. Finally, they couldn't resist taking a couple of peeks. Every time they flipped to the speech, members were on their feet cheering. "Windbag" was the word that came to Doolittle's mind.

Iraq fails to gain support from Arabs against U.S.

After failing to achieve a blanket denunciation of U.S.-British airstrikes, Iraq's chief diplomat stormed out of a meeting of Arab League foreign ministers here Sunday and angrily accused fellow Arab states of bowing to the dictates of the United States.

Iraqi Foreign Minister Mohammed Said Sahaf expressed bitterness that the long-sought meeting, called to forge an Arab consensus on U.N. sanctions and U.S. military actions against Iraq, had fallen short of the Baghdad regime's hopes in almost every particular.

Instead of a statement condemning U.S. policies and calling on Arab states to unilaterally abrogate the U.N. Security Council sanctions imposed after Iraq's invasion of Kuwait in 1990, the Arab foreign ministers' draft merely expressed "sorrow" about military action while urging Iraq to cooperate with U.N. efforts to dismantle its weapons of mass destruction. The draft statement also suggested that

Iraq should behave better toward its neighbors, especially Kuwait, and that sanctions could be lifted only in a "timely" fashion.

In response, Sahaf said the statement would be taken by the United States as an encouragement to mount further military strikes. "The U.S. ... will say the Arabs failed to provide a unified Arab position," he predicted.

Tensions between Iraq and the United States have remained high since last month's air campaign by the Western allies, as Iraq has stepped up challenges to U.S. and British aircraft patrolling over northern and southern sectors of the country. In the latest clash, U.S. military spokesmen said, U.S. warplanes attacked two surface-to-air missile sites in northern Iraq on Sunday, the second straight day that U.S. jets had fired at missile sites and then returned safely to base.

In Cairo, Sahaf charged that a Saudi-led clique within the Arab League had sabotaged Iraq's interests and pushed through an "unbalanced" statement over the wishes of the majority of the 22 member states.

"I walked out because I didn't want to be mixed up in this dirty swamp," Sahaf said.

After the Operation Desert Fox bombings in December, officials in Iraq had hoped to parlay widespread anger in the Arab world into a swift, formal statement of support for Iraq from the Arab League. But at Saudi Arabia's urging, the gathering of foreign ministers was postponed for a full month.

In the view of many analysts in the region, Iraqi President Saddam Hussein overestimated the extent of sympathy in other Arab capitals for his position and overplayed his hand when he began urging the overthrow of Arab governments that had cooperated with the U.S.-British strikes.

Pope returns to traditional themes in Mexico

Speaking to a crowd of about 700,000 people crammed around an auto race track, Pope John Paul II Sunday returned to traditional themes that drew clamorous applause from his Mexican audience: Opposition to abortion and an appeal for more young men to join the church's dwindling priesthood.

The audience's endorsement illustrated the sharp divide in social attitudes that the pontiff is attempting to bridge during his Mexican visit and his U.S. stop in St. Louis Tuesday. In the United States, increasing numbers of Catholics are calling for liberalization within the church, while in Mexico and other parts of Latin America's poor communities, especially Native Americans, are turning away from a Catholic Church they believe does not address their economic and cultural needs.

In a Mass celebrated before the largest audience of his Americas tour that

began on Friday, the pope, 78, beseeched Mexicans to address the social divisions in their own nation between the middle and upper classes of European descent and Mexico's indigenous communities, most of which are mired in poverty.

Even as the pope expressed admiration of Indian cultures, church officials selected a couple from the Otomi indigenous community to receive a Communion host directly from the pontiff in Sunday's Mass in recognition of their efforts to make Otomi traditions more compatible with church teachings.

Hundreds of thousands of people camped out overnight at the race track in chilly temperatures, awaiting Sunday morning's three-hour Mass. The pope, who appeared frail and tired during the first two days of his visit, seemed invigorated by the sea of cheering, emotional devotees.

After one particularly boisterous round of applause he jokingly threatened to ordain the entire crowd "fishers of men" and left a group of uniformed school girls weeping with excitement when he singled them out for attention at the front of the audience.

The loudest applause followed the pope's anti-abortion admonition "that no Mexican dare terminate the precious and sacred gift of the life in the mother's womb."

He also won resounding cheers when he urged young Mexican men to join the priesthood: "Don't be afraid to receive this invitation!"

Throughout this visit, church officials have repeatedly called attention to the special relationship between the pope and Mexicans. His first major trip as a newly chosen pontiff was to Mexico 20 years ago.

Church officials said he was overwhelmed by the warm reception he received at a time when Mexican law forbids clerics from voting or wearing religious garb in public and did not permit open-air Masses such as the one the pope led Sunday. Those laws were revoked in 1991 and a year later Mexico established its first formal diplomatic relations in modern times with the Vatican. Many Mexican's view this trip, his fourth visit to Mexico, as the ailing pope's farewell tour of the nation with the world's second-largest Catholic population.

Information gathered from LA Times Washington Post and U-Wire news services



Pope John Paul II kisses the altar after mass in Mexico City.
photo by Eric Draper, AP

Opinions

Write here, write now

by Jonathan Yardley

LA Times/Washington Post

For decades the received wisdom among journalists, scholars and others of the Chosen has been that technological changes in communication may be great conveniences but are otherwise lamentable. Mostly what is lamented is the decline of letter-writing, which is in certain hands a fine art and provides essential raw material for the historian, the biographer and the librarian.

The origin of these complaints probably can be traced to when Samuel Morse clicked out his first telegraph message. It grew more insistent when Alexander Graham Bell invented his infamous telephone. Now, with the arrival of e-mail, it has become positively clamorous, since e-mail is merely letter-writing with a crucial, fatal twist: The finished product ends up not in a file cabinet but in the unchartable mists of cyberspace.

Never mind that, as the accumulation of evidence related to the philanderings of President Clinton has made appallingly clear, the incriminatory e-mail you thought you'd "deleted" has gone off to a distant cyberchamber, there to await discovery by the FBI or some other nosy parker. Few biographers or historians are likely to have the resources to undertake such investigations, so future operators in these genres are certain to have far less data at hand than, say, the biographer of Henry James or the historian of the Civil War.

This no doubt is a Bad Thing. Run a database search on my byline and you'll find that I've chanted the obligatory chorus innumerable times. Had the letters of Flannery O'Connor not been written, saved and published my life would be less happy, and I have immersed myself in the correspondence of others with almost as much pleasure. As one who has labored at biography I well know the value of letters as sources, perhaps all the more so since two of those whose lives I attempted to reconstruct were not prodigious correspondents; the few letters of theirs that survived were all the more precious to me, and I probably milked them for more than they were worth.

Yet the more I write or read such books, the less convinced I am of their worth, much less their necessity. They can be fun to write and, if they are any good, fun to read, but do they tell us much that we really need to know? Not long ago John Updike gave a speech called "One Cheer for Literary Biography" — it is in the current issue of the New York Review of Books — in which he said that writers' own words are the most important accounts of their lives both inner and outer. Of literary biography he asked, "Why do we need it at all?" and he was hard-

pressed to come up with much more than the yearning of readers "to prolong and extend our intimacy with the author" and their interest in "the nature of artistic creation."

Those may be sufficient reasons to write such books — having spent too much of my life doing just that, I do not welcome the thought that it was all in vain — but they should inspire authors and readers to approach them with caution. That being so, it was a little surprising to find Updike chanting (as quoted last week by Martin Arnold of The New York Times) the same chorus of lamentation about the decline of letter-writing that I, too, have sung. His letters to various editors, he said, "have probably been kept," and "show me in a professional mode worrying about details." The implication (or the inference I drew) was that someday they will be a biographer's raw material, notwithstanding Updike's "decided reluctance to be... a subject of extended biographical treatment," as he put it in the aforementioned speech.

I have read most of Updike's work, some with pleasure and some with exasperation, and agree that there is no need for a biography of him; he has told us all we need to know, perhaps a great deal more. It is true, as he says, that letter-writing by contrast with telephoning or e-mailing "allows the writer to ever so slightly preen and polish," but were his letters to remain locked forever in some library's vault the world quite surely would not be much smaller for the loss.

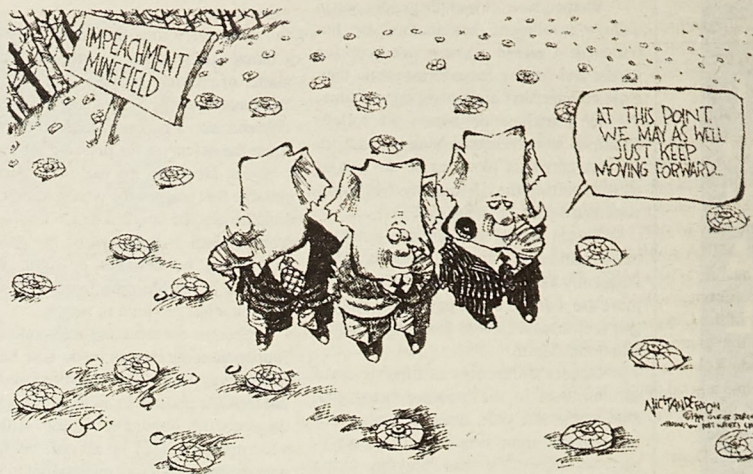
As one who loves to receive letters and hates to write them, I incline more and more to the view that they are customs of another day, one that is vanishing. It is proper to regret and even mourn their loss, just as one rues so much else that is gone: The memory of linen-covered tables in the dining cars of the New York New Haven & Hartford Railroad always brings a nostalgic tear to my eye, as does the recorded music of Duke Ellington and Fats Waller.

Goodbye but, at least in the case of letters, good riddance as well. The Postal Service is trying hard, but why should we depend on its slow and unreliable mechanisms when e-mail can go from here to Zanzibar in the flicker of a hummingbird's wing? E-mail is fast, reliable and comprehensive. One person complained to Arnold that "e-mail is not the same as mail; people don't use it for contemplative purposes" or for "venting your feelings," but as one who makes his e-mail address available to anyone, I can testify that this simply is not true. E-mail can harbor as much reflection and/or passion as snail mail, all the more so because of its astonishing immediacy and urgency.

Biography and history will not die with the letter, they will simply adjust and change. Yes, sic transit gloria mundi, @ but also: Onward!

What do you think?

Let the Miner know what you think. Write us via e-mail at miner@umr.edu, drop a letter in our mailbox at 113 University Center West, or visit our web page at <http://www.umn.edu/~miner/>, and let us know what's on your mind.



Student Opinions:

Birth control needs control?

Dear Editor,

I would like to comment on a problem that this campus has overlooked. Certain organizations feel it is their duty to freely distribute condoms at the puck. Being female, I and uncomfortable and offended that I have to see this on my way to class. I came to this school to get an education, not condoms. I don't pay tuition just so people can get free condoms. It's a private matter and there is a time and place for such things. It is a man's responsibility and I don't care to have other people's matters shoved in my face. If a man needs condoms then he should go buy them or go to the infirmary behind closed doors.

We don't hand out tampons at the puck. Enough said.

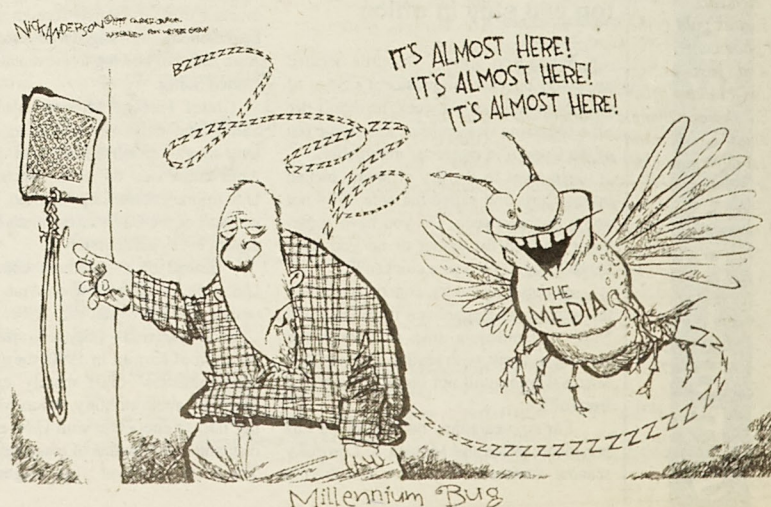
Anonymous

Cola wars: on a campus near you

by Holly Hawkins
Verve Writer

I seem to remember during last year's student council debates, one of the three students (although I don't remember which one) running for office mentioning the issue of Coca-Cola (or lack thereof) on campus. He or she had wanted to try to break Pepsi's monopoly in the campus vending machines, cafeterias, etc. I would like to bring back this issue to the student council president (Karl Schmidt), or for that matter, anyone in student council who would care to listen. Many students, including myself, prefer Coca-Cola over Pepsi. Yet, it seems the only place I've found to get a bottle out of a vending machine on campus is in the Physics building.

I am not advising or trying to instigate a ban on Pepsi in Rolla. There are Pepsi Products, such as Mountain Dew, that I like. However, I really would like to see a better distribution of choices on campus. One or two Dr. Pepper machines wouldn't hurt either. I know that this problem isn't as pressing as planning student activity fees or holidays, however, I believe that it is a cause that could find a quick and simplistic solution.



Sports

Lady Miner basketball busts losing streak with two solid victories

by Erin Gifford

Staff Writer

The University of Missouri-Rolla women's basketball team broke their eight game losing streak on Wednesday, January 20th, against Missouri Southern and went on to conquer Northwest Missouri State on Saturday, as well. The Lady Miners rolled over Southern 63 to 48, bringing the lady Miners record to 7-10 overall and 1-6 in MIAA conference play. Missouri Southern has a 5-10 overall record and 1-4 record in conference action.

Many of the Lady Miners had excellent statistics for the game. The Lady Miners head coach, Linda Roberts, felt the team played very well. "We had a good defense. The players really executed the ball well and reacted to changes during the game."

Forward Debra Gronewoller had 10 rebounds, three steals and a total of ten points. Jackie Kelble also added 10 points to the scoreboard and added on three assists and 7 rebounds for the team. Center Janel McNeal had an aggressive 16 rebounds and three steals. She also made several baskets, adding 13 points to the Lady Miners scoreboard. Guard Sarah Badsky had four assists and seven points, and Shannon Perry added another six points. Miranda Beadles went four for four from the free throw line and added on a total of eight points for the team.

"Overall, we played a lot better than we have been," Badsky said. "Everyone stepped up and started scoring more. We slacked off at the beginning of the second half, but our defense really picked up towards the end. This game was important because it gave us more confidence and was a turning point. I think now we're going to come out of our slump and play to our potential."

The Lady Miners overall shooting percentage was well above Missouri Southern's. UMR made 42.6 percent of their shots, while MSU only made a 31.6 percent of their shot attempts.

UMR made twice as many as of their three-point shots as MSU did and were over 68 percent accurate at the free throw line. Southern made about 57 percent of their free throws. The score was close, however, going into halftime, with the Lady Miners only leading by two, with the score 27-29. UMR picked up the pace in the second half, however, and outscored Southern 34-21.

The shooting for Missouri Southern brought their whole game down. Several girls brought in points for the team, but no one scored over 10 points. Guard Jayme Callahan had four steals and scored eight points, and Chara Oldfield added six points and five assists. Southern's highest scorer was Stacy Wyatt, who brought in nine points for the team.

On Saturday, January 23rd, the Lady Miners added another victory to their name after beating Northwest 67-57. "We probably played our strongest game of the season from start to finish on Saturday," Roberts said. "McNeal and Kelble had tremendous games. We played strong defensively, had good rebounding and really picked up our intensity."

The Lady Miners are now ranked 10th out of eleven teams in the MIAA and have an 8-10 overall record and a 2-6 record in conference action. Northwest brought their standings down, with an overall record of 7-10 and two wins out of five conference games played.

"We lost to Northwest there," Amy Milliken said, "so we were really pumped up for the game. We've been struggling this season, but I really think we're starting to come together as a team. It's important that we haven't lost confidence in each other."

Center Linda Mattson was NWMSU's big scorer for the game. Mattson had ten rebounds and brought in 23 points for the team.

The Lady Miners had their share of high scorers, as well. Kelble went 6-7 at the free throw line, made six rebounds and brought in 22 points for the team. McNeal scored a total of 29 points, including going 11-15 in field goal range and grabbing 14 rebounds. Eriaka Phillips made

two of her three 3-point shots and she added another eight points to the scoreboard. Badsky had four assists and two steals for the team.

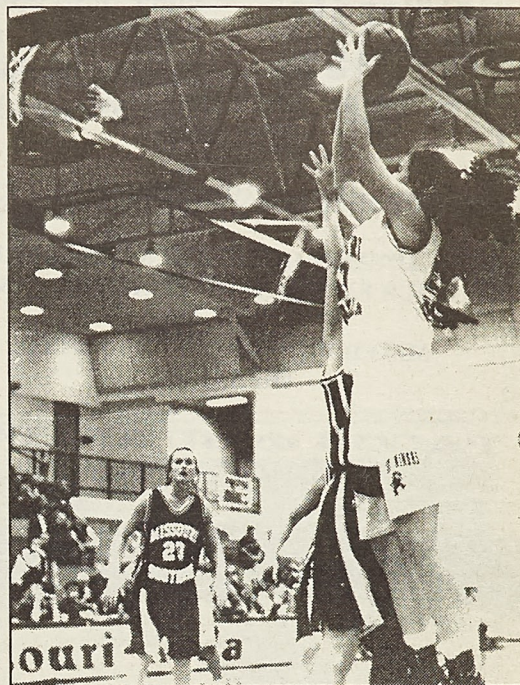
"My main concentration is to capitalize on the opportunities I have," Badsky noted. "As a team, we need to play consistent throughout the entire game. We're getting really close to fitting a whole game together."

The second half of the game was very close, though the Lady Miners went into halftime ahead 37-26. Northwest led the game 57-56 with 3:06 to play, but with the clock closing in at 2:09, Gronewoller sunk two free throws. A three-point shot by Phillips with 1:11 left in the game put the Miners on top for good, however.

"We were confident after coming off our win against Southern," Badsky said. "Our defense played excellent in the game. The game was close in the second half, but we really stepped up at the end. I think it shows we have a lot of persistence."

The Lady Miners next game is against Pittsburg State on Monday, January 25th, at 5:45 p.m. in the Multi-Purpose Building. Pitt State is currently ranked sixth in the conference. Results of that game were not available at press time. Also this week is Southwest Baptist on Thursday, January 28th, at 5:30 p.m. in Bolivar, Missouri. SBU is currently ranked fifth in the conference.

The Lady Miners are looking forward to



Debra Gronewoller puts up a jumpshot against Missouri Southern in last week's Lady Miner victory. The Lady Miners have won two games in a row and are set to jump back into the conference race.

photo by Brian Holly

their next two match-ups. "Pitt State is definitely a team we can beat," Millikan said. "We can pick up a win if we really play our game."

"Pitt State and Southwest Baptist will really pressure us hard," Roberts said. "They have a tough defense. It is important to get the ball on to our side of the court; the key to the game will be how we handle the ball."

Miner Olympic Feature, Part One:

Olympic tradition provides framework for today's games

by David Wekesa

Staff Writer

"We may sing of no contest greater than Olympia."

Just as water is the most precious of all elements,

Just as gold is the most valuable of all goods,

And just as the sun shines brighter than any other star,

So shines Olympia, Putting all the games into the shade."

1st Olympian Ode, Pindar.

In a little over one year, the Summer Olympic games will again grace the International Sports scene. Sydney, Australia is where the 2000 games will be held.

Like the Atlanta games in 1996, this Olympics will have a unique place in history. The games will mark the end of the 20th century. Atlanta may be best remembered by a pipe bomb and the world's fastest man while Sydney will most likely be remembered for its temporal signifi-

cance.

The modern Olympic games have come a long way since their inception in 1896. The number of games and participants has increased tremendously since those first games, and are set to increase even further.

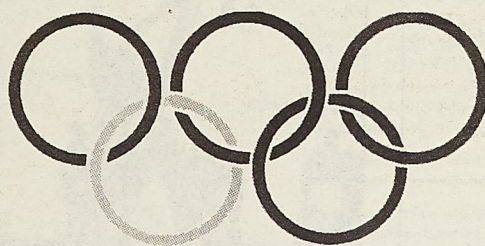
The Olympic games and movement, have a very rich and varied past.

The actual Olympics date back to 5 B.C. in Greece. History records show that the first Olympic games were held in the sacred place of Olympia, in western Peloponnese, for the first time in 776 BC in honor of the Olympia god Zeus. The first contest was the foot race. The games were held every four years and lasted five days.

As time went on, the number of games steadily increased. The Games began and ended with festivities and in between, there were five days of

competition, which involved sacrifices to Zeus and other deities. Over time, however, the Olympics died out.

Several attempts were made to revive the Olympic movement. Baron Pierre de Coubertin pioneered the most successful attempt, which her-



alded the rebirth of what are now the modern Olympics. One of his goals was to see different sports come under the banner of one organization.

"There seemed to me but one method to achieve this: to create competitions at regular periodical intervals at which representatives of all

countries and all sports would be invited under the aegis of the same authority, which would impart to them a halo of grandeur and glory, that is the patronage of classical antiquity.

To do this was to revive the Olympic Games: the name imposed itself. It was not even possible to find another," de Coubertin said in 1896. His efforts led to the first Olympic games being held in Athens, Greece, in 1896 and the formation of the International Olympic Committee (IOC).

With the games came the symbols which were to symbolize the ideals of the Olympic movement. The symbol of five interlocking rings, which is the trademark of the IOC, symbolizes the five continents of the world bound together in brotherhood.

In 1934, the torch was introduced. It was to be lit in ancient Olympia and relayed to the host city

to symbolize the connection between the ancient Olympic sites and the modern Olympic sites. Festivities are an integral part of the games as they provide a forum where different peoples from different cultures can come together and share. This was one of the main goals of the modern Olympic movement.

At the moment, the IOC has had its foundation shaken by a corruption scandal that has led to the resignation or expulsion of a number of members from the committee. The scandal is related to events that took place during the bidding for the next winter Olympics game which are set to be held in Salt Lake City, Utah, which also comes under the auspices of the IOC.

As the world approaches the next millennium, one can only hope that the ideals the Olympic movement stands for and has stood for since its inception; peace, fraternity and noble contest, will, for the sake of humanity, stand the test time.



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Miners split first two games of homestand

by Erin Gifford
Staff Writer

The University of Missouri-Rolla men's basketball team added another win to their record on Wednesday, January 20th, against Missouri Southern, but fell on Saturday to Northwest Missouri State. The Miners trampled Southern with a score of 74-53, bringing their record to 9-8 in regular season play and 3-4 in conference play. Missouri Southern's record declined with 6 wins and nine losses for the season and 2 wins and three losses in MIAA play.

"The team put in an outstanding effort, especially on the defensive end," Coach Dale Martin said about the Miners. "We had a good team balance offensively, as well."

Missouri Southern men went 0 for 8 in three-point range and only had an overall shooting percentage of 38.3 percent. They did make 70 percent of their free throws, but they continued to play catch-up through most of the game. The score going into half time was 34-24 in the Miners favor.

The Miners also outscored Southern in the second half 40-29. Missouri Southern did score 14 of the first 16 points in the second half, however, and took the lead for a short while. UMR quickly came from behind with a 14-0 run midway through the second period and from there on out, controlled the game.

"We played really good against Missouri Southern," Robert Guster said. "We played as a team and played hard for the full forty minutes."

The Miners made 47.2 percent of their shots through out the game and were a little over 44 percent

from three point range. The men made only 4-7 of their free throws during the first half of play, but went 12-12 from the line in the second half.

Scott Holly went 6-6 at the free throw line during the game and had 18 total points. Doug Call scored 15 points and had nine rebounds. Jeff Yoder added on another 11 points for the team and grabbed eleven rebounds as well. Kevin Conkright made a total of eleven points, including seven of them from free throws, and in addition, made four assists. Kevin Robertson also added eleven points and Cory Brunson had five assists.

"We played pretty good against Southern," Conkright said. "It was probably one of our best games all year."

Missouri Southern had a couple of key players, including forward Brain Taylor, who made 14 points and grabbed nine rebounds. Center Matt Olson had six rebounds and nine points, and Carlos Newberry had the team-high 13 points for the game.

Northwest Missouri State broke their three game losing streak on Saturday against the Miners, beating them 64-50. Northwest brought their winnings to 12 in regular season play and three wins and four losses in conference action. The Miners are now 9-9 overall and have won three conference games and lost five. The Miners now rank sixth in the MIAA conference out of eleven teams.

"Northwest just outplayed us," Conkright noted. "They had more strength. We are disappointed in the loss; we should have been more mentally prepared. We just weren't as pumped up as they were."

Northwest had a few key players in the game. Forward Matt Redd went 7-8 at the free throw line and totaled 15 points for the game. Guard Phil Simpson added on another ten points and LeVant Williams had nine points, all coming from three-point shots. Northwest had an overall shooting percentage of 36 percent, went 25 percent from three-point range and made just over 73 percent of their free throws.

The Miners made 30.6 percent of their shots overall, and were 83 percent accurate at the free-

throw line. Robertson only made one out of six three point shots and Holly made two of six, which brought the game average percentage from three point range to just over 26 percent. Yoder went 7-8 at the free-throw line, grabbed five rebounds, and totaled 15 points for the game. Holly added 15 points to the scoreboard, and Guster and Conkright each had three assists. Guster also had one technical foul during the game.

"We didn't play hard or shoot the ball very well on Saturday," Guster noted. "We need to work on playing harder as a team and shooting the ball in the hole. We need to shoot the ball as a team. We can't win against other schools with only 50 points."

The game, which had 900 in attendance, was fairly close the whole way through. Northwest led at halftime 31-26. During the second half, however, Northwest slowly pulled away, outscoring the Miners 33-24 and pulling off the win.

"It was like we put an entirely different team on the floor," Martin said. "Northwest was good defensively. We just got complacent offensively and were looking for our shots too quickly. The ball game was tough and very physical, but we have to be stronger in those situations. We allowed 21 turnovers, and you can't do that in this league and expect to pull off a win."

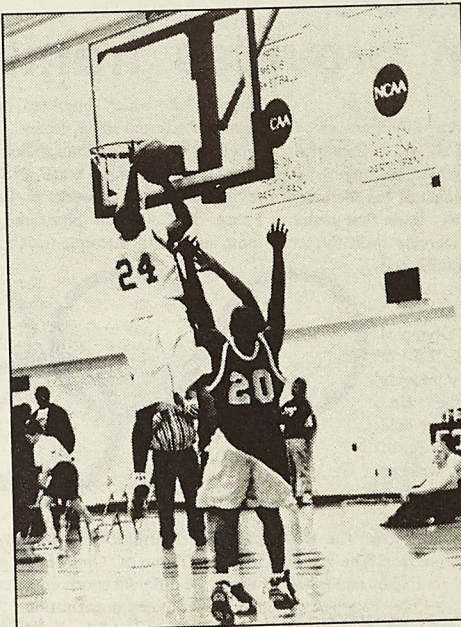
"We've got to work on our rebounding," Conkright said. "We also need to play harder, for the full 40 minutes. We need a good effort the whole time; we have no room to slack off for ten minutes."

The Miners next game is Monday, January 25th against Pittsburg State. Tip-off is at 7:45 in the Multi-Purpose Building. Pitt State is currently ranked first in the conference and ninth in NABC Division II. They have won all of their last ten games. Results and stats for the game were not available at press time. Also coming up this week on Thursday, January 28th, is Southwest Baptist in Bolivar, Missouri. Tip-off for that game is at 7:30 p.m.

Guster and Conkright are looking forward to playing Pitt State, and both noted the schools excellent record. "We have to be ready to play. To pull off the win and turn things around for us, we'll have to play hard the entire 40 minutes," Guster said.

"If we could pull out a victory, it would be good for the team, since Pitt State is one of the top in the nation. It's not going to be hard to get pumped up for this game," Conkright said.

Martin agreed with his players. "We need enough effort on the defensive end and to play smarter offensively. This team has never quit and continues to play hard, no matter the circumstances, so the ball games coming up should be good games to play."



Sophomore guard Scott Holly puts down a slam dunk during the Miners' 74-53 victory over Missouri Southern on Wednesday, Jan. 20.

photo by Brian Holly

Wednesday, Jan
Track
by Brad Neuvi
Sports Editor

The Univers
Rolla men's and
field teams kick
indoor season on
Charleston, Ill., at
Mega-Meet.

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Track teams have steady performances

by Brad Neuville
Sports Editor

The University of Missouri-Rolla men's and women's track and field teams kicked off their 1999 indoor season on Saturday, Jan. 23, in Charleston, Ill., at the Eastern Illinois Mega-Meet.

On the men's side the most notable performances were by the relay teams. The mile relay team took fourth place with a time of 3:34.10 while the two mile relay team took seventh place in 8:36.43. Also scoring a fourth place finish was the medley relay team which finished in 11:36.17.

There were several notable individual performances as well. UMR's jumpers fared very well. Chris Keith-

ley took a third place finish in the long jump with a jump of 21-1.25 while Richard Words took fifth place with a 20-10 jump.

In the triple jump, Words got the better of his teammate by taking fifth place in 44-4.75. Keithley took sixth place with a jump of 43-6.

In the running events freshman Ken Okwuonu took a sixth place finish in the 55 meter dash with a time of 6.62 seconds. Okwuonu actually ran faster, 6.60, in the preliminaries. In the 600 meter run sophomore Matt Borman also scored a sixth place finish, crossing the line in 1:30.29. Also taking a sixth place finish was senior Matt Hagen who ran a 9:07.68 in the 3000 meter run.

On the women's side the Lady

Miners took a limited team and came away with several promising finishes.

Freshman Lisa Jones, normally a hurdler, placed in both the 200 and 400 meter dash. Jones ran a 29.18 in the 200 and a 1:06.62 in the 400. In the 600 meter run freshman Erin Wobbe got her collegiate career off to a good start with a eighth place effort. She crossed the finish line in 1:47.57.

Alexis Collins, another freshman, placed in both of the jumps. In the high jump, sophomore Rachel Kuro scored an eighth place finish with a jump of 5-1.75.

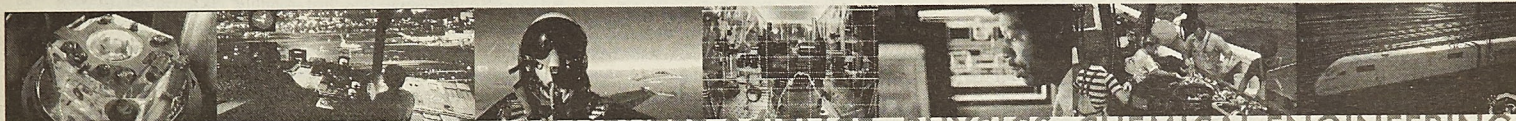
Both the Miners and Lady Miners will next compete in the Mule Relays, hosted by Central Missouri State, in Warrensburg, Mo., on February 6.

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Duval's 59 in Bob Hope Classic a round for the record books

by Thomas Bonk

L.A. Times/Washington Post

It is golf's magic number, 59. It's the ultimate lowdown, the most of the least, the sum total of greatness when the only thing suitable for writing it down on your scorecard is a gold pen.

For David Duval, it was his final-round score Sunday, the one that won the Bob Hope Chrysler Classic, an almost numbingly routine-looking 59 that moved him past the 12 players who began the day in front of him, allowed him to collect a \$540,000 winner's check and let him walk straight into golf history.

The taciturn 27-year-old with the wraparound sunglasses left everybody else in the shadows once again. Duval, normally as emotional as granola, double-pumped his fist the moment his six-foot eagle putt disappeared into the hole at No. 18, the 59th and last of his shots, worth a two-shot lead over Steve Pate.

Four groups ahead of the lead group that included Pate, Duval waited to see if he would be caught. His lead over Pate was only one shot when Duval stood off to the side of the grandstand at No. 18 and chewed on an apple. Then he heard the groans when Pate's last chance, an 18-foot birdie putt, spun out of the hole to end it.

Of course, that's when Duval let it all hang out.

He smiled.

For Duval, that's an eruption of emotion, but then again, shooting a 59 on the last day to win a tournament isn't your typical day, is it?

"It's like pitching a perfect game," Duval said.

And so it was. Pate deserved better since he didn't exactly roll over in a bunker and cover himself with sand. He closed with a 66 to finish at 25-under par and only lost because somebody dropped a 59 on him. This is golf's equivalent to being struck by lightning.

"I played better than everybody but one guy," Pate said. "I guess you could say I was in the wrong place at the wrong time."

Meanwhile, Duval kept up his uncanny knack of finding himself in the right place at the right time.

Add it up and it's sort of monotonous. Two victories in his only two starts this year. More than \$1 million in his two weeks this year (\$1,008,000). Nine victories in his last 28 tournaments. Nearly \$4.9 million in prize money in the last 15 months.

So how good is this guy playing? "I'm playing quite well," Duval said.

Yes, and desert sand is a little dry. Duval's 59 was only the third in PGA Tour history and the first in eight years. He needed it all to win this time.

Duval, who began the day tied for 13th, was seven shots behind Fred Funk. Duval was 13 under par for the first 72 holes and 13 under par the last 18 holes. He had 11 birdies and an eagle to go with six pars ... maybe he wasn't trying on those holes. He even had playing partner Jeff Maggert convinced he was playing a different course.

"I didn't know we were playing par 2s today," said Maggert.

As it turned out, everyone else was playing a different game than Duval, at least for one round.

Duval produced rounds of 70-71-64-70-59 for a 26-under total of 335. It's the 59 that sort of stands out.

"What more can you say?" Pate asked. "If he doesn't jump to No. 1 in the world rankings, there's something seriously wrong."

No one in professional golf has ever done any better than what Duval did Sunday. Even more fitting, perhaps, was the way he fished his round, with an eagle on the long, par-5 18th hole.

For 18 holes and 59 shots on a Sunday in the desert, things surely went Duval's way.

A rundown on the worst calls of the season courtesy of NFL officials

by Jerry Crowe

L.A. Times/Washington Post

A sampling of the questionable calls that helped define a season in the NFL, possibly leading the the biggest change of all, instant replay.

1. Oct. 18: After overcoming a 31-17 deficit to pull even with the winless Indianapolis Colts, 31-31, the San Francisco 49ers were driving late in the game at San Francisco when a Steve Young pass was intercepted in the end zone by Tyrone Poole. But Poole was called for pass interference, and the resultant 27-yard penalty set up Wade Richey's 24-yard field goal with five seconds to play, giving the 49ers a 34-31 victory.

2. Nov. 15: Trailing the Dallas Cowboys, 35-28, at Tempe, Ariz., after overcoming a 28-0 deficit, the Arizona Cardinals faced fourth and goal at the Cowboy four with four seconds to play. Quarterback Jake Plummer, who passed for 465 yards, lofted a high fade pass into the end zone toward Rob Moore, but defender Kevin Smith crashed into the receiver and knocked the ball away as time expired. The Cardinals claimed pass interference, and two officials seemed to be in perfect position to make the call, but no flag was thrown. The NFL later told the Cardinals that a penalty should have been called. The Cowboys ended up winning the NFC East by one game over the Cardinals who made the playoffs and won at Dallas, 20-7, in a wild-card playoff game.

3. Nov. 17: With the Pittsburgh Steelers and Detroit Lions tied, 16-16, at the end of regulation at Detroit, referee Phil Luckett tossed a coin to determine which team would get the ball and the Steelers' Jerome Bettis called heads. Heads it was, but Luckett said he heard tails. The Lions took the kickoff and Jason Hanson's 42-yard field goal gave them a 19-16 victory. The Steelers never recovered, losing their final five games and missing the playoffs. The following Monday, the NFL announced its first changes in the coin toss rules in 22 years. Among the changes: The visiting captain calls heads or tails before the referee tosses the coin, instead of when the coin is in the air.

4. Nov. 29: Trailing the Buffalo Bills, 21-17, late in the game at Foxboro, Mass., the New England Patriots caught a break when receiver Shawn Jefferson was mistakenly ruled inbounds on a fourth-down sideline reception, giving the Patriots a first down at the Buffalo 26 with six seconds to play. On the next play, the Bills' Henry Jones was called for pass interference against Terry Glenn in the end zone with no time remaining, giving the Patriots one more play from the Buffalo one. Drew Bledsoe passed to Ben Coates for the winning touchdown. Then, with the Bills already in the locker room, kicker Adam Vinatieri ran in for two points

against no opposition. Replays showed that Jefferson caught the pass out of bounds and that Jones did not interfere with Glenn.

5. Dec. 6: Vinny Testaverde's five-yard quarterback sneak on fourth down was ruled a touchdown with 20 seconds to play, giving the New York Jets a 32-31 victory over the Seattle Seahawks at East Rutherford, N.J. Replays showed that Testaverde had been stopped short of the goal line, but head linesman Earnie Frantz ruled otherwise. Later, the NFL's director of officials, Jerry Seeman, told Seahawks Coach Dennis Erickson that Frantz had mistaken Testaverde's white helmet for the brown ball. "God's playing in some of these games," Bill Parcells said. "And he was on our side (today)." The victory kept the Jets tied for the AFC East lead en route to their first division title in nearly 30 years. The Seahawks dropped to 6-7 and failed to make the playoffs, leading to Erickson's dismissal.

6. Dec. 27: In a game against the San Diego Chargers at Tempe, Cardinal running back Adrian Murrell was awarded a touchdown on a first-quarter lunge for the end zone even though replays showed that not only were Murrell's legs short of the goal line, so was his reach with the ball. Arizona won, 16-13, on a 52-yard field goal by Chris Jacke on the game's final play, putting the Cardinals in the playoffs and eliminated the Tampa Bay Buccaneers, whose 35-0 victory over the Cincinnati Bengals earlier in the day would have earned them a playoff berth if the Cardinals had lost.

7. Jan. 2: With the Miami Dolphins leading the Buffalo Bills, 24-14, and less than two minutes remaining in a wild-card playoff game at Miami, the Bills were positioned to score. On first and goal at the Dolphin 10, quarterback Doug Flutie passed to Andre Reed, who spun away from defender Brian Walker and got the ball into the end zone. The officials ruled, however, that Reed's knees were down before the ball broke the plane of the goal line. Stunned, Reed bumped field judge Steve Zimmer as the receiver jumped to his feet, drawing a 15-yard penalty and ejection. The Bills had to settle for a field goal and then, when they got the ball back, had to go for a touchdown instead of a field goal from the Dolphin five with 17 seconds to play. The Bills lost, 24-17.

8. Jan. 3: Steve Young made the pass of his life, connecting with Terrell Owens on a 25-yard play with three seconds left to give the San Francisco 49ers a 30-27 wild-card playoff victory over the Green Bay Packers at San Francisco, ending the Packers' hex on the 49ers. Forty-three seconds earlier, however, Jerry Rice fumbled after catching a six-yard pass from Young and the Packers recovered. The officials ruled that the ground caused the fumble, but replays clearly showed that the ball popped loose before Rice was down. "Yes, I certainly did think that was a fumble," Packer General Manager Ron Wolf said.

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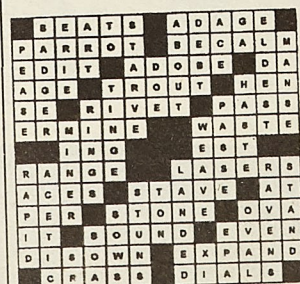
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ANSWERS TO CROSSWORD PUZZLE

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Verve

New Year's resolutions: Are they really worth it?

by Missy McLean
Verve Writer

New Year's Resolution. What do those three little words mean to you? Feelings of guilt and anger overcoming you, perhaps? Maybe you are one of the chosen few that actually kept true to your resolutions this year. I spoke to a few people to find out just how important these little things are.

One of the main reasons cited for having resolutions is to make yourself feel better. Unfortunately, you might

have to spend a sizeable portion of your wallet and devote a significant amount of time to making yourself feel better. This doesn't seem like a very fair trade-off, does it?

There's Josh Pettit. When asked if he had a resolution this year, he replied, "Yes, to become more responsible." I asked if it has worked so far. "Uhhh...get back to me in a month," was his reply. Let's keep our fingers crossed for Josh.

I wish I had picked something so easy to follow. So simple, so easy.

You can't mess up. What did I do? I decided to try to lose ten pounds and

New Year Resolutions



get in shape. Now, everything revolves around my obsession with

Cindy Crawford. Good grief! Hey, can she do integral calculus or program a computer to save the planet? No. Does that make me a better person because I claim to be able to? Maybe. Do I look like her? No. Alas, you see my problem.

So, to remedy this situation, I have worked out seven out of the last ten days. Words I vaguely knew before now have different meaning: "bench press", "rice cake", "Stairmaster", "Richard Simmons". I have one word for you: Ouch. What was I

thinking when I picked this torture? I thought I would feel better already.

Resolutions like the one Josh spoke of seem simple enough. They're reasonable. My resolution? So, I'm not exactly a hedonist. I love putting myself through torture. Ahhh, but you may see me in a few weeks and remark of my resemblance to Cindy Crawford. Okay, so you might not. My point is sometimes you have to work hard to get what you want. Sometimes you have to feel bad to feel good.

KMNR's weekly countdown

by Trish Gregg
KMNR Music Director

BAND - album - (label) - Recommended If You Like

- 1 JAWBOX - My Scrapbook of Fatal Accidents (Desoto) - Jawbreaker, Burning Airlines, Fugazi
- 2 DIRT NAP - Below the Speed of Sound (Meiso) - June of 44, Kerosene 454, Thrill Jockey / punk-rock
- 3 ASIAN DUB FOUNDATION - Rafi's Revenge (London Records)-Rage Against the Machine/HipHop infused RPM
- 4 SPIRITUALIZED - Royal Albert Hall (Arista) - The Verve, Swervedriver, Space Band3, Velvet Underground
- 5 APPLESEED CAST - The End of the Rind Wars (Deep Elm) Matchbox20, Eve6, GooGoo Dolls
- 6 THE BONADUCES - The Democracy of Sleep (Endearing)- Limp, Chixdiggit / Pop-punk
- 7 THUMB ATTACK - Burn It Down (Music Rack Records) - Lenny Kravitz, Zombies / Rock
- 8 TALVIN SINGH - Ok (Island)- Corner Shop (minus the vocals) / RPM traditional indian sounds w/ drum and bass
- 9 THE BUDDYREVELS - September, November (Motorcat)- Jellyfish, Boo Radleys / spacey mellow and sweet
- 10 BLUETIP - Join Us (Dischord)- creative (progressive) punk rock
- 11 BOMBAY THE HARDWAY - Guns Cars and Citar (Motel) - Shaft (soundtrack) / bad 70's funk with sitars
- 12 THE ATARIS - Look Forward to Failure (Fat Wreck Chords) Lag wagon, Less Than Jake, The Vandals / punk-rock
- 13 TAKAKO MINEKAWA - Cloudy Cloud Calculator (Emporer Norton) Cute Girlie Pop Electronica
- 14 CURSIVE - The Storms of Early Summer (Saddle Creek) any band - punk rock
- 15 NECK - Uncrated Distant Star

(Teenage USA) Gaze, Bunny Grunt / power pop

(Wed. 6 a.m.-9 a.m.), Bill (Fri. 8:30 a.m.-10:30 a.m.).

ASIAN DUB FOUNDATION

Asian Dub Foundation's album "Rafi's Revenge" entangles Hip-hop infused RPM with highly political lyrics. By connecting fierce political rage with the London underground dance movement, Asian Dub Foundation documents the Indian-Asian plight within the social structure of the United Kingdom. "Rafi's Revenge" offers a anti-Imperial protest of various conflicts that have occurred since Britain's colonization of the Indian subcontinent. "Naxalite", for example, gives account to a 1968 peasant uprising in West Bengal, while "Assassin" details a Punjabi political assassination. Though "Rafi's Revenge" is a political endeavour, the sound is phenomenal, fusing hip-hop, jungle, punk and traditional Indian music to create an electronic explosion. Asian Dub Foundation finished up a tour through Europe with the Beastie Boys in the spring of 1998 and is planning a U.S. tour in March and April. RPM including Asian Dub Foundation is featured on the following shows: Brad (Sun. 3 a.m.-6 a.m.), Doug (Tues. 6 p.m.-9 p.m.), Rich (Thurs. Midnight-3 a.m.), Larry (9 p.m.-Midnight).

APPLESEED CAST (Reviewed By Jason Kwiatkowski, KMNR Music Staff)

From the opening quiet guitar intro to the first moment when lead singer and guitarist Christopher Crisci screams "Fall down marigold", "The End of the Ring Wars" by Appleseed Cast rings through with pensive emotion. It is a tragic story of loss and the battle to overcome the sorrow that lingers on, told through the medium of music. Not content with merely recording one-hit wonders or mainstream friendly three minute pop songs, this album was meant to be listened to in whole, not parts. The flow through the entire album is smooth, barring boulders and rapids encountered in the form of crashing drums and guitars. The addition of saxo

THUMB ATTACK

Thumb Attack is Bryan Cook. This name may not mean much to you so let me take you on a brief tour of his past. Cook was the lead singer for a band called the Indie Love Gods, which REM fans may know as REM minus Michael Stipe (Peter Buck, Mike Mills, Bill Berry). He was also in the infamous OH OK, with Linda Stipe (Michael's sister), Linda Hopper (from Magna Pop) and Mathew Sweet (who has gained a bit of weight). But what does this tell you about his music? Well, the first thing I thought as I listened to "Burn it Down" was "Are you gonna go my way" by Lenny Kravitz. Thumb Attack has a garage rock sound with electric guitars, catchy melody, melodic bass line, Cook's amazing vocals and classic rock influences such as the Zombies. A little blues and a lot of rock, is the best description for Thumb Attack. You can hear Thumb Attack and similar rock on the following shows: Courtney (Sun. 6 p.m.-9 p.m.), Trish (Mon. 2:30 p.m.-5:30 p.m.), Glen

Dare to be different:

Walk on the grass!

by Andrea Benson
Assistant News Editor

Every day I trek the campus to my various classes and meetings, just like hundreds of others. Wednesday, however, I noticed that on that sunny day that not one person was deliberately walking on the grass.

Now, I fully understand that excessive trampling kills grass, but only if many people repeatedly walk on the same spot. This, of course, is not what I am encouraging. I'm talking about doing something different.

Something else I've noticed is that many people talk about that dullness of UMR as a whole. This bothers me a bit, not because I don't agree, but because many of the people who say this have not made much of an effort to change the monotony of everyday life. I will not say that all of them do this, but a great many people do not seek to change what they don't like about their lives.

I don't mean to anger anyone, really. What I do want to do is offer a challenge to all, even to myself. I've always thought that it took a courageous person to make life more interesting by doing something a little different. My challenge doesn't involve a great deal of concentrated effort, only a will to make today a little unlike yesterday as well as tomorrow. I challenge all to go ahead and walk on the grass at least once this week on your way to wherever you may be going. Put a spoonful of sour cream in your chili for lunch. Eat a slice of pizza with pineapple on it. Try to eat both ice cream and popcorn in the same sitting.

I won't say that these tiny changes in daily habit will affect the amount of excitement at UMR. I will say, though, that what this does is put the power in your hands to make your life more interesting. If everyone waited for someone else to do something (such as entertainment), nothing would get done. It's up to us. Walk on the grass!

Free Fall Film Fest:

Fast, Cheap, Out of Control

Dave Hoover, George Mendona, Ray Mendez, Rodney Brooks. Directed by Errol Morris.

Fast, Cheap & Out of Control interweaves portraits of four gentle fanatics: a lion tamer who carries on the tradition of the legendary Clyde Beatty; a topiary gardener who preserves the dying art of carving animals out of shrubbery; a photographer obsessed with a newly discovered African rodent whose ant-like social behavior gives the species an awesome survival capacity; and a robot scientist whose creations may someday squeeze human beings out of existence. The result is an exhilaratingly disorienting experience that keeps slipping past the confines of realism to yield eerie, dreamlike visions that are close to David Lynch or Nicolas Roeg. 1997-PG.



This film will be shown on Tuesday, February 2 at 7:00 p.m. in Leach Theatre of Castleman Hall. There is no charge.

See KMNR, page 23

UMR TECHS: Some winter weather health tips

by Jen Carlson
UMR TECHS

Use these tips to keep you going and stay healthy this winter! I'll try to touch on some body basics to keep you healthy during this winter season. All of this information is available through Student Health or UMR TECHS, or another great source is to use the internet for information. Remember these are just suggestions that have worked for some individuals!

BEATING WINTER BLUES

Let the sun shine. To counter balance the shorter daylight hours, open your shades and blinds and keep your apartment/room well lit. Sit near a window at work or in class.

Keep moving. Exercise releases endorphins, which is a natural mood booster. You've heard it before, take the stairs and walk to class or work.

Cut down on sweets. Eat well-balanced and moderately proportioned meals. To cut the sweet crave, try fruit!

Eat your greens. Whole grains, green vegetables, potatoes and beans have B-vitamins, which can help stave off winter bugs.

Take personal time. Whether by yourself or with friends, get involved

in an activity you enjoy; it will help keep you on balance.

AVOIDING THE COLD

There are some factors which increase your susceptibility to catching a cold, these include the cold weather and close living units, BUT there are some things you can do that will help reduce the risk.

Wash your hands, especially after visiting the bathroom, blowing your nose and before food preparation or eating.

Reduce your stress. Increased stress and fatigue may help facilitate an infection. If you are unsure about a cold, flu or other illness, please visit Student Health!

EXERCISING IN THE COLD

Want to exercise outside, but afraid of catching a cold? The following tips will help you exercise outdoors, but remember the harsh weather increases the strain on your lungs and heart.

Drink plenty of water before exercising. Good hydration is the key for regulating body heat and staying warm.

Wear light layers. Layers keep you warm and help to maintain your body temperature.

Wear a hat and gloves. Most

heat loss comes from your head and extremities.

Keep moving. Stopping will allow the cold air to seep in.

GOT A COLD? WHAT ABOUT EXERCISE?

Questioning whether to continue to exercise when an illness has struck? Never exercise with a fever greater than 99.5 degrees! Exercising will not decrease the duration of an illness.

There is an easy rule to follow when it comes to determining whether or not to exercise when you're sick. If your symptoms occur above the neck, such as watery eyes, sneezing, stuffy nose and scratchy throat, then moderate activity won't be detrimental. However, if your symptoms occur below the neck, as in coughing, fever, muscle aches or nausea, it is best to wait until the symptoms are completely gone before engaging in workout activity.

DRY SKIN CARE

Wear sunscreen. It is possible to burn in the winter, in fact, the sun is closer to the earth! Switch to a gentle cleanser. A cleanser that doesn't sting or leave your skin taut. Moisturize. Don't over do it. Just do it.

Hopefully, these tips will help make your winter more enjoyable.

Organizational Update

Irish Times: Welcome back

by Brian Johnson
St. Pat's Committee

The St. Pat's Committee would like to welcome all the Miners back to that wonderful town in the middle of everywhere: Rolla. We hope you all enjoyed break and aren't having too much trouble dragging yourself to classes every day.

Each day brings us closer to the 91st annual St. Pat's, and more exciting things are happening daily. The Special Edition sweatshirts are on sale now at the Puck. The Specials are black this year, and only \$25 for students. Sweatpants are also out, and can be warming your legs today for a mere \$15. More merchandise is coming soon, so keep an eye out!

If you want to become a mem-

ber of the illustrious St. Pat's Committee, the time is NOW! Baby rep interviews were yesterday, but if you or your organization's baby rep hopeful missed it, don't fret. Contact Jeff Smith, Recruitment Chair, at 364-8968 to set up an interview soon. St. Pat's always welcomes new hardworking, smart individuals who are committed to the Best Ever.

Thanks to all who came out to celebrate 50 DAZE with us last Wednesday. We hope you all enjoyed yourself as much as we know we did.

That's all for today's Green Bulletin. Keep your eye on this spot in the Miner to stay abreast of all the late-breaking St. Pat's news. Until next week, remember there's only 43 DAZE until the Best Ever, St. Pat's '99!

Department of the month announced

by Deborah Holdorf
Panhellenic Council

UMR Panhellenic Council recognizes the metallurgical engineering department as its department of the month for December.

During the month of December, the metallurgical engineering department stood out among the other engineering departments on campus for several reasons. This department is extremely helpful to all of its students. The professors have great personalities, are very friendly and are eager to help when their assistance is needed. The staff provides excellent services to the

metallurgical students during their college careers. Both the faculty and the staff are concerned about the students and work hard to find them summer internships, co-ops and permanent jobs.

The department encourages closeness among its students. It sponsors many events for the students to get to know each other. The metallurgical department also provides funds for its students to go on plant trips and helps students out financially. Due to these reasons the Panhellenic Council would like to congratulate the metallurgical department for being the department of the month.

SUB showing Arachnophobia

by Steven Treumper
SUB

The Student Union Board is looking for a new Variety/Entertainment Director. In order to be eligible you must have been a member of a SUB committee. Pick up an application in 218 UCW today and feel free to ask more questions. Applications are due January 29. An interview date will be set up with all applicants.

This weekend's film is

Arachnophobia. Jeff Daniels plays a doctor, as afraid of spiders as Indiana Jones is of snakes. A new breed of deadly spider hitches a ride from South America to a rural Northern California town. The spider cross-breeds with a domestic spider and starts lurking in the shoes and toilet bowls of the locals. Now it's up to the new Doctor and exterminator to save the town.

Arachnophobia will be shown in ME 104 at 7 and 9 p.m. Friday and Saturday.

SEG sponsors extravaganza

by Shauna Oppert
SEG

What is Geophysics anyway? Many people know that we look at rocks a lot and we hang out at McNutt. But did you know this department has some of the best statistics on campus — 50% women! Geophysics majors experience excellent opportunities for undergraduate research and internships with major service and oil companies. Students are supported to attend national conferences each semester and even for international

studies! Let's not forget the departmental faculty whom are experts in their field with open-door policies for students.

The students of the Society of Exploration Geophysicists (SEG) want to expose you to the exciting work in which the department is involved. An entertaining geophysical presentation will be showcased on Wednesday, January 27, at 4:30 p.m. in McNutt 204. Refreshments will be provided and all students and faculty are invited to attend. You won't want to miss this hair-raising event!

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Entertainment

Missy's Music Review: Jennifer Love Hewitt should keep her day job

by Missy McLean

Verve Writer

The school year seems to be off to a pathetic start. Too little time, too much homework and an article to write. Well, I guess I know where my priorities are. The article will get done, I'll sleep in a few more minutes and homework won't get done. "C'est la vie" is what the French say. Translated, that means "Arrrggggggh!" or perhaps "Hellllllllp!" All right, I'm lying. Sorry...at least you can trust the reviews. I'm serious here!

Even though my life is going down the drain and my grades are horrible, there's still music to listen to. So, what do I tell you about this week? Well, I got handed a big old stack of CDs and had to pick which ones to review.

This is what I picked: Various Artists, "Soundtrack: I Know What You Did Last Summer"; Paul Oakenfold, "Tranceport"; and Jude, "No One Is Really Beautiful". You've probably only heard of one of the three, as was the case for me. Keep reading. I promise you'll learn something.

As always, I recommend suggestions from anyone regarding music to review. If you have

found a new album that you really like, let me know. More importantly, if something that you have found really sucks, tell me. Actually, maybe you shouldn't.

Ratings: ***** - Excellent; **** - Good; *** - Buy It Used; ** - Tolerable; * - Microwave It!

"Soundtrack: I Still Know What You Did Last Summer", Various Artists

Includes tracks from Jennifer Love Hewitt, Orgy, Grant Lee Buffalo and others. I personally cannot stand the Jennifer Love Hewitt track, "How Do I Deal?" To quote a friend of mine, "It's very whiny." If I had a very successful movie and television career, I wouldn't be asking that kind of question. Otherwise, the rest of the album is amazingly decent. A lot of really good movies have pathetic soundtracks. The converse is also true. I wouldn't call this a really good soundtrack, although it is decent. The track by Deetah, "Relax", is catchy and cute with a blend of reggae and hip-hop.

There is the obvious remake track by Orgy of the song "Blue Monday", originally written and performed by New Order, I believe. I am

not a big fan of Orgy, although for some strange reason, I liked this version of the song. The Bijou Phillips song, "Polite", is very similar to the style of Natalie Imbruglia. Grant Lee Buffalo makes an attractive appearance on the soundtrack with "Testimony". I really liked the track "Gorecki" by the group Lamb and "Julie's Theme" by John Frizzell. Both were very minimalist, very simple. There were tracks on the soundtrack that were excellent coupled with some that were not-so-great. Overall, it didn't suck. ***

"Tranceport", Paul Oakenfold

This is a really interesting album by a very talented DJ. It is actually a collection of songs by many artists, remixed by Paul Oakenfold. If you like music in the so-called genre of "electronic", then you'll really like this. It includes remixed tracks by artists such as Gus Gus, Paul Van Dyk, the Dream Traveler and Tilt. To tell you the truth, I've never heard of Paul Oakenfold. Honestly, I don't think I've heard of most of these artists. I will tell you what I gained from listening to this CD: an excellent collection to my music library. Each song is mixed seamlessly. You cannot tell where one track ends and the

next begins. One drawback is that the whole album sounds pretty much the same. Fortunately, for the listener, that isn't a bad thing. Favorite tracks of mine were the song "Someone (Slacker and Original Vocal Mix)" by Ascension, "Rendezvous (Quadraphonic Mix)" by Tilt v. Paul Van Dyk and "Time (Original Mix)" by the Dream Traveler. All tracks were mixed by Paul Oakenfold. A pleasant surprise, indeed. ****

"No One Is Really Beautiful", Jude

The first thing that came to mind when I heard the first track on this CD was Wally Pleasant! Then, after a few more minutes, I thought of Ani DiFranco. Given a few more seconds, Paul Simon came to mind. If you've never heard of any of these artists, perhaps this album isn't for you. If you like any of those artists, you must give this album a listen! Really, if Ani DiFranco was a guy, this is what he/she might sound like. I really liked the first track, "You Mama You", track three, "I'm Sorry Now", track six "I Do", and track nine, "I Know". Track seven, "Prophet" starts off with a nice jazz piano riff. Overall, the album was pretty entertaining and pleasant. It had a nice, acoustic sound to it. ****

Hoddy's Concert Listing

ST. LOUIS AREA

DATE	PERFORMER	VENUE
1/29/99	Muchacha	Hi-Pointe
1/29/99	Stars On Ice	Kiel Center
2/2/99	Lucinda Williams	Mississippi Nights
2/5/99	Drovers	Blueberry Hill
2/6/99	Incantation / Angel Corpse	Creepy Crawl
2/11/99	Against All Authority/G.B.H.	Galaxy
2/12/99	Art Garfunkel	Sheldon Concert Hall
2/13/99	Schwag	Molly's
2/13/99	Walter Trout Band	Mississippi Nights
2/17/99	Lenny Kravitz/New Radicals	Fox Theater
2/20/99	Supremes Starring Mary Wilson	Rickman Auditorium
2/21/99	Luciano Pavarotti	Kiel Center
2/21/99	Roomful Of Blues	Generations Club
2/22/99	Lauryn Hill	Fox Theater
2/26/99	Richard Buckner/Son Volt	Mississippi Nights
2/27/99	1964 The Tribute	Westport Playhouse
2/28/99	Lucy Kaplansky	Generations Club
3/13/99	Agent Orange	Side Door
3/13/99	Sandi Patty	Rickman Auditorium
3/14/99	Alanis Morissette/ Garbage	Kiel Center
3/20/99	Dave Van Ronk/Rosalie Sorrels	Focal Point Coffeesh.
3/26/99	Paul Winter Consort	Powell Symphony Hall
3/27/99	Banu Gibson & The New Orleans Hot Jazz	Powell Symphony Hall
3/30/99	DC Talk	Kiel Center

KANSAS CITY AREA

1/29/99	Henry Rollins	Unity Temple	KCMO
1/30/99	Buckwheat Zydeco	Grand Emporium	KCMO
2/4/99	Crown Royal Untamed...	Beaumont Club	KCMO
2/4/99	Mark Chesnutt	Beaumont Club	KCMO
2/19/99	House Of Large Sizes	Hurricane	KCMO
2/19/99	Tab Benoit	Grand Emporium	KCMO
3/5/99	Rare Earth	Flamingo Hilton	KCMO
3/7/99	Hate Dept.	Hi-Jinx Lounge	KCMO
3/13/99	Exile	Flamingo Hilton	KCMO
3/15/99	Alanis Morissette/ Garbage	Kemper Arena	KCMO
3/29/99	Celine Dion	Kemper Arena	KCMO

COLUMBIA AREA

1/29/99	Butch Thompson	Jesse Auditorium	Columbia, MO
1/29/99	James Solberg Band	Mojo's	Columbia, MO
1/30/99	Butch Thompson	Jesse Auditorium	Columbia, MO
2/4/99	Galactic Cowboys	Blue Note	Columbia, MO
2/4/99	Kings X	Blue Note	Columbia, MO
2/6/99	Larnelle Harris	Missouri Theatre	Columbia, MO
2/7/99	Brad Mehldau	Murry's	Columbia, MO
2/18/99	Tab Benoit	Blue Note	Columbia, MO
2/18/99	Willie Nelson	New Silver Bullet	Columbia, MO
2/25/99	Richard Buckner	Blue Note	Columbia, MO
2/25/99	Son Volt	Blue Note	Columbia, MO
2/27/99	Slobberbone	Shattered	Columbia, MO
3/14/99	Danilo Perez	Murry's	Columbia, MO

Concert Listings brought to you by Holly Hawkins, Verve Writer

Interested in writing for the Verve Section?

GETTING PAID TO EXPRESS YOURSELF, WHAT BETTER JOB IS THERE?

If you are a creative individual looking for a way to express yourself contact Jeffrey Leong at leong@umr.edu or come to the Newspaper office in the Student Organizations Annex at 12th and Pine St. for the regularly scheduled meeting on Thursday at 4:30 p.m.

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Stream of Consciousness: Be uncomfortable while doing something new

by Maleika Patterson
Verve Writer

Many of us walk around in a state of unconsciousness, unaware of things external to our individual selves. We often believe that if we do not come in contact with an issue, then it does not exist. We claim to be aware, or diverse. Yet, we see things through our narrowly defined views that do not take into account the experiences of others.

For instance, this past Wednesday,

a forum was held to discuss issues about diversity on the UMR campus.

One of the issues addressed was why white students do not attend many of the black-sponsored functions on campus. One white male candidly expressed his fear of being the only white person there. It is a reasonable fear. After all, most of us are uneasy when we are not around people that 'look like us.' I can imagine the anxiety caused by wondering if people are looking at you because you

are white or just because they do not know you. Or maybe you wonder if people will talk to you or will they ignore you? It is an uncomfortable situation, indeed. One that would make anyone sensitive about the factor that makes them different; in this case, being white. However, most white people are not aware of the knapsack of white privilege they carry that allows them to choose when and on what terms they will be uncomfortable.

But imagine this...almost every-

day you walk into a classroom and there is no one else that 'looks like you.' Imagine that at almost every meeting and function you attend there are very few people you can identify with on first glance. Black students and other minorities on this campus deal with this anxiety every day. We cannot choose when we will be uncomfortable. We cannot afford to let our anxiety keep us from attending classes, meetings and social functions. Just like whites in the same situation, we begin to question the motivation

behind people's actions and reactions to us. Yet, we are often accused of being oversensitive, when in fact, maybe others are just not sensitive enough.

My charge to you this semester is to "Be Uncomfortable." Grab one of your friends and attend a minority-sponsored event. The more we come in contact with each other, the more conscious we become about the environment we live in and the issues that others face, not just the ones we choose to see.

Southwestern Bell Cultural Center 1207 N. Elm Street

Welcome back Miners for the Winter 1999 semester! For you first timers welcome and check out the SW Bell Cultural Center. The Multicultural slogan is "Everyone makes a difference." If you need an interpretation that means all inclusive. So, what are you waiting for check it out! Your paying for it - you might as well enjoy it. The center houses several student organizations, and many academic and social opportunities are available. The Computer Learning Center (CLC) is stocked with 11 Gateway computers, scanner, printer, color printer and copier. A study room, academic enhancement center, women's resource center, a large meeting space, revolving art gallery and kitchen, as well as Primestar (satellite) is located there for your convenience. There are various art exhibits throughout the semester. Vending machines always well stocked. The hours for the Center and Academic Enhancement Center (AEC) are listed below.

SW Bell Cultural Center Hours

Monday 7pm - Midnight

Tuesday 10am - 2pm
6pm - Midnight

Wednesday 7pm - Midnight

Thursday 6pm - Midnight

*Friday closed

Saturday closed

Sunday 1pm - 6pm

Academic Enhancement Center (Rm. 106) Hours

Monday closed

Tuesday 8pm - 11pm

Wednesday 8pm - 11pm

Thursday 9pm - Midnight

Friday closed

Check out MESP's web site - <http://www.umar.edu/~mesp>

* Once the coordinator is hired, center will be open 3:30 p.m. - Midnight M-F.

Army ROTC cadet trains in England

by David DeVillez
Army ROTC

Last summer, thirty cadets from the U.S. traveled to England to participate in the British ROTC summer camps. For several years, the British have been sending cadets to train at our summer camps, but last summer was the first opportunity for U.S. cadets to make the journey to Britain. Cadet Kevin Latham of UMR's Stonehenge Battalion was one of the thirty cadets chosen from across the nation. Latham and fourteen other cadets were attached to the Cambridge University Officer Training Corps for their summer training camp, while the rest of the U.S. cadets were attached to the Yorkshire Officer Training Corps. The camp was held in Brighton on the south bank of the United Kingdom, among the bunkers and relics left after hundreds of years of invasions from France.

Training included an introduction to British weapons, tactics and maneuvers. The firing ranges used by the summer camp, located on the coast of the Atlantic Ocean, were stray rounds just falling into the sea. Cadet Latham scored very high on the ranges using British weapons, the SA 80 and Susat Sight. The British tested the cadets on four firing positions: prone, seated, kneeling and foxhole. After doing well with all four positions, Latham was attached to a sniper squad. These cadets used a LSW (light support weapon) and tested at 300-meters as opposed to the previous 100-meter targets. Latham also had the chance to test his skill with a British automatic weapon much like the U.S. M60. The cadets then had the opportunity to train at ranges like none other in the world. These were the Northern Ireland Close Combat Training Facilities. These ranges were set up much like a small city, where dummies would give information (if asked) regarding terrorist activity. Several scenarios would break out; a bomb

would go off, or a terrorist would fire blank rounds into the squad of cadets, who would then return live fire, "killing" the terrorist. The action was taped so a critique could be done to review the correct and incorrect patrolling procedures employed during each run.

The camp included a three-day and two-night field training exercise (FTX). During this event, cadet Latham led a reconnoiter team on an all night stakeout. Several battles were simulated, and the cadets had a chance to be air lifted via helicopter into "hostile" farming land. Among the cows, the cadets raided a series of bunkers, reconnoitered enemy advancements and ambushed enemy platoons. The nights were spent in a patrol base and sleep was very limited. The FTX ended with a huge bang, in which the entire camp came together to attack a series of huts in the bottom of a valley. Cadet Latham, who was attached to the infantry wing, traveled by foot into the kill zone. The battle began with a series of artillery shells from the field artillery wing; these simulation rounds provided smoke cover for the infantry wing to move in. Cadet Latham and his squad set up outside the kill zone in order to pick the enemy off during their attempt to escape. Latham and his squad met their match when the enemy shot a grenade, "killing" everyone on top of the roof.

Not every day was spent in the field though. Once training ended each day, the cadets had the opportunity to travel around England to visit the collection of pubs in the southern towns. The cadets also had the weekends off. The last four days were spent in London, where the U.S. cadets could roam at their own free will. The cadets toured two castles, walked the trails over the Cliffs of Dover, toured Canterbury, visited several cathedrals (including St. Paul's) and toured all of Cambridge (including punting down the river Thames).

Learn a new word today!

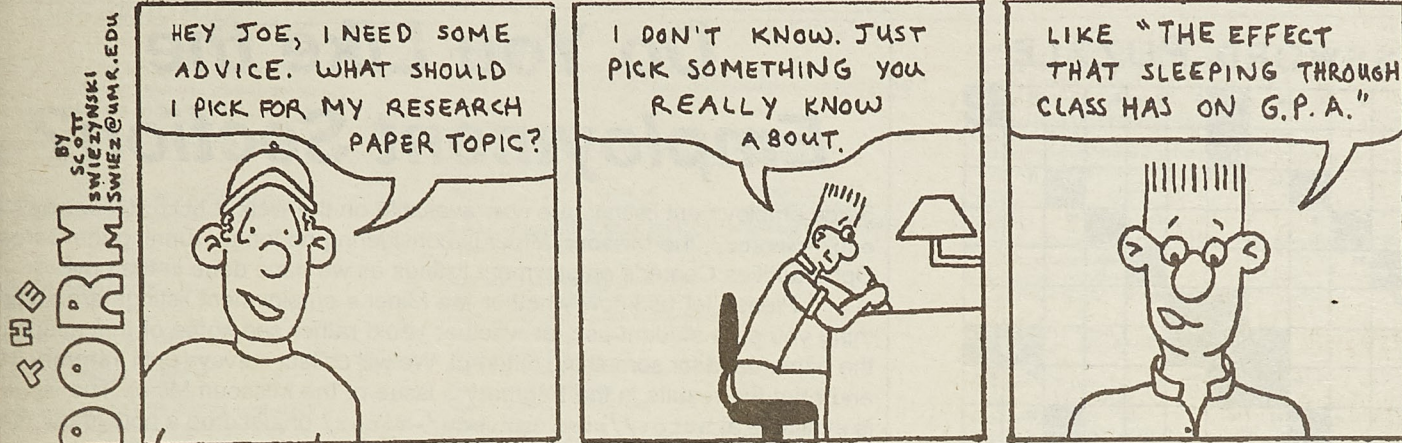
Impress your teachers and your friends with your new vocabulary!

dementi - n. in diplomacy, an official denial, as of a rumor.

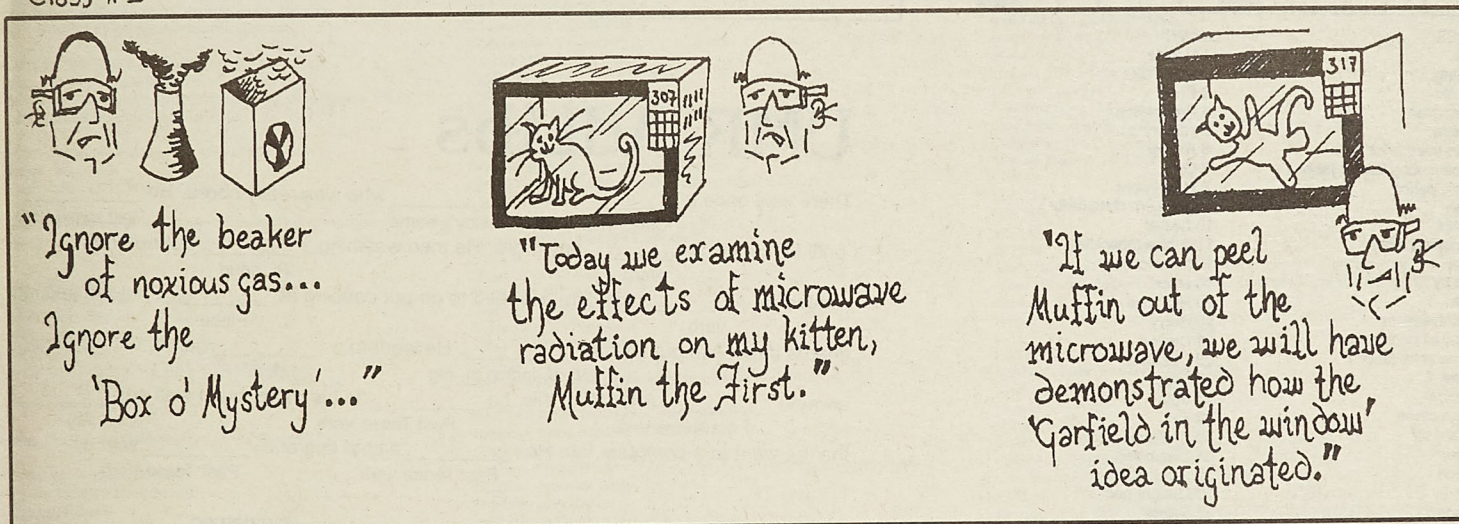
definition found in Webster's Unabridged Dictionary

BY C. JAMES
FOR A STUDENT
Class #1
"Ignore
of no
Ignore
'Box
MINER ADJUSTMENTS
By C. James

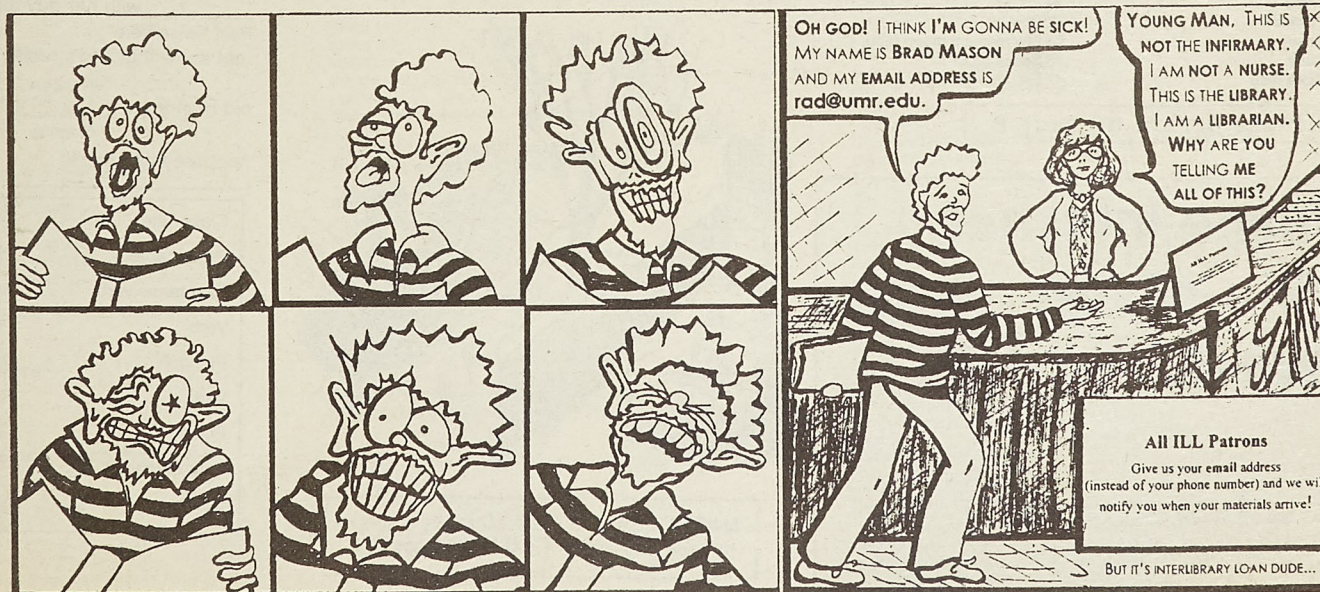
Comics



Chemroid by Captain Dad, Potentate of the Rose
 FOR A STUDENT IN ASTROPHYSICS AND CHEM 8. nantan_lupan@hotmail.com
 Class #1

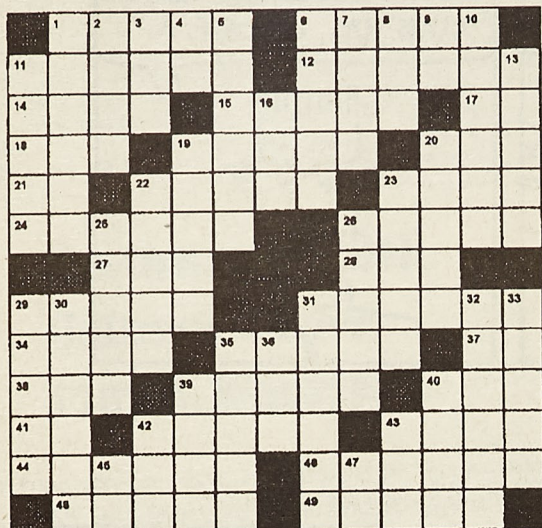


MINER ADJUSTMENTS
 By C. James



Comics / Diversions

CROSSWORD PUZZLE



ACROSS

- 1 Hits
- 6 Saying
- 11 Mimic
- 12 Lull; quiet
- 14 Delete
- 15 Sun-dried brick
- 17 Prosecuting lawyer (abbr.)
- 18 Time period
- 19 Fish
- 20 Pullet
- 21 Direction (abbr.)
- 22 Bolt
- 23 Go by
- 24 Fur
- 26 Extravagance
- 27 How all gerunds end
- 28 Time zone (abbr.)
- 29 Area
- 31 Beams
- 34 High cards
- 35 Ward off
- 37 Near
- 38 Each
- 39 Gem
- 40 Eggs
- 41 Pronoun
- 42 Tied up
- 43 Same
- 44 Disclaim
- 46 Grow
- 48 Rude
- 49 Clock face

DOWN

- 1 Heckle
- 2 Great lake
- 3 Craft
- 4 Preposition
- 5 Hungry
- 6 Almost
- 7 Owe
- 8 Hole-in-one
- 9 Southern state (abbr.)
- 10 Oldest
- 11 A plea (obsolete)
- 13 Mansion
- 16 Deer
- 19 Hue; dye
- 20 Hurry
- 22 Circles
- 23 Obsolete
- 25 Digger
- 26 Spin
- 29 Fast
- 30 Containing acid
- 31 Grounded
- 32 Black birds
- 33 Upright position
- 35 Dazes
- 36 2,000 pounds
- 39 Seeds
- 40 Ellipse
- 42 Snake
- 43 Environment group (abbr.)
- 45 Senior (abbr.)
- 47 Eleven (Roman)

ANSWERS APPEAR ON PAGE 8

Inane Internet
Site of the
Week...

<http://www.cat-scan.com/>

Do You Like the Employment Section?

Since employment listings are now available on the web at <http://www.umn.edu/~career/>, the Missouri Miner is considering no longer running the Career Opportunities Center's employment listings as we have done in the past.

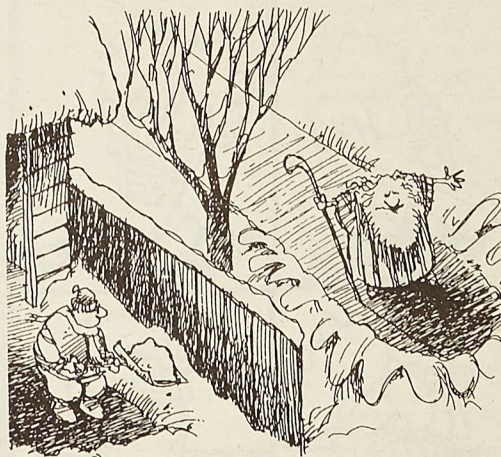
Please let us know whether the Miner's employment listings are something you as a student use, or whether you'd rather see some of that space in the paper used for something different. We will collect surveys until **January 31**, and print the results in the February 3 issue of the Missouri Miner. The survey is available at <http://www.umn.edu/~miner/> or just drop a note in our mail box in 103 UC-West letting us know what your vote is.

Only a small number of students have responded. If you have an opinion we encourage you to let us know

UMR AdLibs

There was once a _____ named _____ who was really bored. He _____
 _____ Class Title Boy's name Past tense verb
 until he couldn't _____ any more. He tried watching _____, but no one
 _____ Verb Pl. noun
 wanted to _____ with him. He tried to go out dancing at _____, but the security
 _____ Verb Place
 guards threw him out for bad _____. He went to a _____ game, but his team
 _____ Verb ending in -ing Sport
 always _____. After all of this, he _____ to his room, but it was so _____
 _____ Past Tense Verb Past Tense Verb Adj.
 that he went to a computer lab. He _____ a chat line and _____ with a
 _____ Past Tense Verb Past Tense Verb

NON SEQUITUR BY WILEY



ANOTHER REASON WHY ED CAN'T STAND
HIS HOLIER-THAN-THOU NEIGHBOR...

_____ girl named _____ He
 Adv. Girl's Name
 _____ with her day and night. He may
 Past Tense Verb
 not know that she's really a _____ ye
 _____ Number
 old man from _____, but at least he's
 _____ Country
 not bored any more!

Class Title	Past Tense Verb
Boy's name	Past Tense Verb
Past tense verb	Adj.
Verb	Past Tense Verb
Pl. noun	Past Tense Verb
Verb	Adv.
Place	Girl's Name
Verb ending in -ing	Past Tense Verb
Sport	Number Country

Employment

Winter/Summer

ANCE COMPANY

Interview Date: 02/18/99 12:00:00 AM
Position: *Full-Time: Application Engineer (Technical Marketing)
Location: Information available in 301 Norwood Hall
Minimum GPA: 2.45
Grad Date: 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM
Classification: PRS-Open
Sign-Up Method: MECH B
Remarks: Information on position available in 301 Norwood Hall
Special Notes: Deadline for submitting resumes: January 28

N, INC.

Interview Date: 02/26/99 12:00:00 AM
Position: *Full-Time: Design Engineer
Location: Huntsville, Alabama
Minimum GPA: 2.95
Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM
Classification: PRS-Open
Sign-Up Method: CMPE M CMPE P CMPE D
Remarks: ELEC M ELEC P ELEC D
Information on position available in 301 Norwood Hall
Special Notes: Deadline for submitting resumes: January 28

INUM COMPANY OF AMERICA(ALCOA)

Interview Date: 02/24/99 12:00:00 AM
Position: *Full-Time: Entry Systems Analyst
Location: Mill Products Division, Davenport, IA
Minimum GPA: 2.0
Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
Classification: PRS-Open
Sign-Up Method: CMPE M CMPE B CMPE M
Remarks: MGTS M MGTS B MGTS M
Students interviewing take a transcript to the interview.
Special Notes: Deadline for submitting resumes: February 3

INUM COMPANY OF AMERICA(ALCOA)

Interview Date: 02/24/99 12:00:00 AM
Position: *Full-Time: Electrical Engr; Mechanical Engr; Metallurgical Engr.
Location: Mill Products Division - Davenport, IA
Minimum GPA: 2.35
Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
Classification: PRS-Open
Sign-Up Method: ELEC M MECH B MECH M
Remarks: MET M
Students interviewing should take a transcript to the interview.
Special Notes: Deadline for submitting resumes: February 3

RICAN AIRLINES

Interview Date: 03/02/99 12:00:00 AM
Position: *Full-Time: Engineer
Location: Tulsa, OK; Ft. Worth, TX
Minimum GPA: 2.45
Grad Date: 12/01/98 12:00:00 AM to 05/01/99 12:00:00 AM
Classification: US/Perm Only
Sign-Up Method: PRS-Open
Remarks: MECH B
Special Notes: Deadline for submitting resumes: February 9

RICAN CYANAMID COMPANY

Interview Date: 02/11/99 12:00:00 AM
Position: Summer Intern
Location: Hannibal, MO
Minimum GPA: 2.95
Grad Date: 12/01/99 12:00:00 AM to 12/01/01 12:00:00 AM
Classification: Junior Senior Grad Stu.
Sign-Up Method: PRS-Open
Remarks: CHE B CMPS B MGTS B
Special Notes: OPEN SIGN-UP DATE: January 28 - 8:00 a.m.

RICAN MANAGEMENT SYSTEMS, INC

Interview Date: 02/24/99 12:00:00 AM
Position: *Full-Time: Consultant
Location: All AMS locations
Minimum GPA: 2.95
Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM
Classification: PRS-Open
Sign-Up Method: CIVL M CMPE B CMPE M
Remarks: 'S B CMPS M ECON B ECON M
Information on position available in 301 Norwood Hall
Special Notes: PRE-RECRUITMENT MEETING: Tuesday, February 23 - 7:00 p.m.
Special Notes: Deadline for submitting resumes: February 3

BERSEN CONSULTING

Interview Date: 02/15/99 12:00:00 AM
Schedule No: 555
Position: *Full-Time: Analyst
Location: St. Louis; Kansas City
Minimum GPA: 2.95
Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
Classification: US Only
Sign-Up Method: PRS-Open
Remarks: TH B AMTH M CHE B CHE M
Information on position available in 301 Norwood Hall
Special Notes: PRE-RECRUITMENT MEETING: Wednesday, February 10 - 6:00
Special Notes: Meramec Room - UCE
Special Notes: Deadline for submitting resumes: February 25

ANHEUSER BUSCH

Interview Date: 03/03/99 12:00:00 AM
Position: *Summer Intern & Full-Time: MIS Associate; Management Trainee
Location: St. Louis, MO
Minimum GPA: 2.65
Grad Date: 05/01/99 12:00:00 AM to 12/01/01 12:00:00 AM
Classification: Junior Senior Grad Stu.
Sign-Up Method: PRS-Open
Remarks: CMPE B CMPE M CMPS B
Information on position available in 301 Norwood Hall
Special Notes: PRE-RECRUITMENT MEETING: Information to be announced
Special Notes: Deadline for submitting resumes: February 19

ARCHER DANIELS MIDLAND-ADM

Interview Date: 02/11/99 12:00:00 AM
Position: Full-Time: Agricultural Processing
Location: Midwest; Southeast; Southwest
Minimum GPA: 2.0
Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
Classification: US/Perm Only
Sign-Up Method: PRS-CLOSED
Remarks: CHE B
Copy of transcript should be taken to the interview
Information on position available in 301 Norwood Hall
Special Notes: Deadline for submitting resumes: January 22

ASSOCIATED ELECTRIC COOPERATIVE

Interview Date: 02/23/99 12:00:00 AM
Position: *Summer Intern: Full-Time: *See below
Location: Springfield, MO
Minimum GPA: 2.95
Grad Date: 12/01/98 12:00:00 AM to 12/01/03 12:00:00 AM
Classification: US/Perm Only
Sign-Up Method: PRS-Open
Remarks: CMPE B CMPE M CMPS B
Information on position available in 301 Norwood Hall
Special Notes: PRE-RECRUITMENT MEETING: Monday, February 22 - 6:30 p.m.
Mark Twain Room - UCE
***Associate Planning Engineer-Resource Planning; Programmer/Analyst; Associate**
Planning Engineer - Transmission Planning
Special Notes: Deadline for submitting resumes: February 2

AUTOMATION TECHNOLOGY, INC.

Interview Date: 03/03/99 12:00:00 AM
Position: *Full-Time: Machine Design Engr
Location: Fenton, MO
Minimum GPA: 2.45
Grad Date: 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM
Classification: US/Perm Only
Sign-Up Method: PRS-Open
Remarks: ELEC B MECH B
Special Notes: Deadline for submitting resumes: February 10

BAXTER HEALTHCARE CORPORATION

Interview Date: 03/02/99 12:00:00 AM
Schedule No: 580
Position: *Summer Intern & Full-Time: Engineering; Supervision; Chemist
Location: Mountain Home, Arkansas
Minimum GPA: 2.7
Grad Date: 12/01/98 12:00:00 AM to 12/01/01 12:00:00 AM
Classification: Junior Senior Grad Stu.
Sign-Up Method: PRS-Open
Remarks: CHE B CHE M CHEM B
Information on position available in 301 Norwood Hall
Special Notes: PRE-RECRUITMENT MEETING: Monday, March 1 - 6:00 p.m. Meramec Room
Special Notes: Deadline for submitting resumes: February 9

BIBB AND ASSOCIATES-CONSULTING

Interview Date: 02/23/99 12:00:00 AM
Schedule No: 664
Position: *Full-Time: Engineers
Location: Shawnee Mission, Kansas
Minimum GPA: 2.75
Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
Classification: PRS-Open
Sign-Up Method: PRS-Open
Remarks: CHE B ELEC B MECH B
Special Notes: Deadline for submitting resumes: February 2

BIRMINGHAM STEEL

Interview Date: 02/09/99 12:00:00 AM
Schedule No: 631
Position: *Full-Time: Management Trainee
Location: Memphis; Chicago; Cleveland; Atlanta; Birmingham; Seattle; Jackson, MS
Minimum GPA: 2.45
Grad Date: 05/01/98 12:00:00 AM to 08/01/99 12:00:00 AM
Classification: US/Perm Only
Sign-Up Method: PRS-CLOSED
Remarks: ELEC B MECH B MET B
Information on position available in 301 Norwood Hall
Special Notes: PRE-RECRUITMENT MEETING: Sunday, February 7 - 6:30 p.m.
Meramec Room - UCE
Special Notes: Deadline for submitting resumes: January 21

BLACK & VEATCH ENGINEERS

Interview Date: 03/09/99 12:00:00 AM
Schedule No: 683
Position: *Full-Time: Engineers
Location: Kansas City area primarily
Minimum GPA: 2.7
Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM
Classification: US/Perm Only
Sign-Up Method: PRS-Open
Remarks: CHE B CHE M CIVL B
Information on position available in 301 Norwood Hall
Special Notes: PRE-RECRUITMENT MEETING: Monday, March 8 - 6:30 p.m.
Location to be announced
Information on position available in 301 Norwood Hall
Special Notes: Deadline for submitting resumes: February 9

BOEING - ST. LOUIS

Interview Date: 02/18/99 12:00:00 AM
Schedule No: 533
Position: *Full-Time: Software Engr; Programmer/Analyst
Location: St. Louis, MO
Minimum GPA: 2.95
Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
Classification: US Only
Sign-Up Method: PRS-Open
Remarks: CMPE B CMPS B ELEC B
Information on position available in 301 Norwood Hall
Special Notes: PRE-RECRUITMENT MEETING: Wednesday, February 17 - 6:00 p.m.
The Gallery - UCE
Special Notes: Deadline for submitting resumes: January 28

CATERPILLAR COMPANY

Interview Date: 02/17/99 12:00:00 AM
Schedule No: 624
Position: *Full-Time: Marketing
Location: Unknown
Minimum GPA: 2.8
Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
Classification: US/Perm Only
Sign-Up Method: PRS-Open
Remarks: CIVL B CIVL M ELEC B
Information on position available in 301 Norwood Hall
Special Notes: PRE-RECRUITMENT MEETING: Tuesday, March 2 - 6:00 p.m.
Place to be announced
MUST have a 2.8 overall and major GPA
Special Notes: OPEN SIGN-UP DATE: February 17 - 8:00 a.m.
These will be ONE HOUR interviews
Special Notes: Deadline for submitting resumes: January 27

CATERPILLAR COMPANY

Interview Date: 03/03/99 12:00:00 AM
Position: *Summer Intern: Mapleton Foundry
Location: Mapleton, IL
Minimum GPA: 2.8
Grad Date: 05/01/00 12:00:00 AM to 05/01/02 12:00:00 AM
Classification: US/Perm Only
Sign-Up Method: PRS-Open
Remarks: CIVL B ELEC B MECH B
Information on position available in 301 Norwood Hall
Special Notes: PRE-RECRUITMENT MEETING: Tuesday, March 2 - 6:00 p.m.
Place to be announced
MUST have a 2.8 overall and major GPA
Special Notes: OPEN SIGN-UP DATE: February 17 - 8:00 a.m.
These will be ONE HOUR interviews

CATERPILLAR COMPANY

Interview Date: 03/04/99 12:00:00 AM
Position: *Full-Time: Foundry Operations
Location: Mapleton
Minimum GPA: 2.8
Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM
Classification: US/Perm Only
Sign-Up Method: PRS-Open
Remarks: ELEC B ELEC M MECH B
Information on position available in 301 Norwood Hall
Special Notes: PRE-RECRUITMENT MEETING: Information to follow
Completed Company Application and transcript must be submitted with resume.
Applications available in 301 Norwood Hall
Interviewees should sign up on one schedule only
Special Notes: Deadline for submitting resume: February 11
MUST have 2.8 overall and major GPA

CATERPILLAR COMPANY

Interview Date: 03/04/99 12:00:00 AM
Position: *Full-Time: Engineering & Research
Location: Various
Minimum GPA: 2.8
Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
Classification: US/Perm Only
Sign-Up Method: PRS-Open
Remarks: MET B MET M
Information on position available in 301 Norwood Hall
Special Notes: PRE-RECRUITMENT MEETING: Information to follow
Completed Company Application and transcript MUST be submitted with resume.
Applications available in 301 Norwood Hall. Interviewees should sign up on one
schedule only Special Notes: Deadline for submitting resumes: February 11
MUST have 2.8 overall and major GPA

CATERPILLAR COMPANY

Interview Date: 03/04/99 12:00:00 AM

Schedule No: 652

Position: *Full-Time: Information Systems; Engineering Systems

Location: Various

Minimum GPA: 2.8

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US/Perm Only

Sign-Up Method: PRS-Open

CMPS B CMPS M ELEC B

ELEC M MECH B MECH M

MGTS B MGTS M

Remarks: PRE-RECRUITMENT MEETING: Information to follow

Completed Company Application and transcript MUST be submitted with resume.

Applications available in 301 Norwood Hall Interviewees should sign up on one

schedule only

Special Notes: Deadline for submitting resumes: February 11

MUST have 2.8 overall and major GPA

CATERPILLAR COMPANY

Interview Date: 03/04/99 12:00:00 AM

Schedule No: 650

Position: *Full-Time: Engineering & Research

Location: Various

Minimum GPA: 2.8

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US/Perm Only

Sign-Up Method: PRS-Open

CHE B CHE M

Remarks: PRE-RECRUITMENT MEETING: Information to follow

Completed Company Application and transcript must be submitted with resume.

Applications available in 301 Norwood Hall Interviewees should sign up on one

schedule only

Special Notes: Deadline for submitting resumes: February 11

MUST have 2.8 overall and major GPA

CESSNA AIRCRAFT COMPANY

Interview Date: 02/11/99 12:00:00 AM

Schedule No: 663

Position: *Full-Time: Engineer Associate; Engineer Technologist Associate

Location: Wichita, KS

Minimum GPA: 2.45

Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM

Sign-Up Method: PRS-CLOSED

AERO B ELEC B MECH B

Special Notes: Deadline for submitting resumes: January 22

CH2M HILL

Interview Date: 02/19/99 12:00:00 AM

Schedule No: 645

Position: Full-Time: Transportation Engineer

Location: St. Louis; Chicago; Milwaukee; Des Moines

Minimum GPA: 2.0

Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM

Sign-Up Method: PRS-Open

CIVL B CIVL M

Special Notes: Deadline for submitting resumes: January 29

COLTEC INDUSTRIES INC

Interview Date: 02/23/99 12:00:00 AM

Schedule No: 581

Position: *Full-Time: Manufacturing Leadership Program

Location: Various

Minimum GPA: 2.75

Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM

Citizenship: US Only

Classification: Senior

Sign-Up Method: PRS-Open

AERO B CHE B ELEC B

EMAN B MECH B MET B

Remarks: PRE-RECRUITMENT MEETING: Monday, February 22, - 6:00 p.m.

Meramec Room - UCE

Special Notes: Deadline for submitting resumes: February 2

CPI CORPORATION

Interview Date: 02/23/99 12:00:00 AM

Schedule No: 338

Position: Summer Intern: Full-Time: Software Engineer

Location: St. Louis, MO

Minimum GPA: 2.75

Grad Date: 05/01/99 12:00:00 AM to 08/01/04 12:00:00 AM

Classification: Freshman/Sophomore Junior Senior

Sign-Up Method: PRS-Open

CMPE B CMPS B ELEC B

MGTS B

Special Notes: Deadline for submitting resumes: February 2

CSR RINKER

Interview Date: 02/24/99 12:00:00 AM

Schedule No: 537

Position: *Summer Intern: Full-Time: Aggregate Management Trainee

Location: South Florida; Central Florida

Minimum GPA: 2.45

Grad Date: 12/01/98 12:00:00 AM to 12/01/03 12:00:00 AM

Classification: Sophomore Junior Senior

Sign-Up Method: PRS-Open

GEE B MECH B MIN B

Remarks: PRE-RECRUITMENT MEETING: Tuesday, February 23 - 6:00 p.m.

Meramec Room - UCE

Special Notes: Deadline for submitting resumes: February 3

DEERE & COMPANY

Interview Date: 03/09/99 12:00:00 AM

Schedule No: 678

Position: *Full-Time & Summer Intern: Engineering Positions

Location: Any Deere unit in the U.S. is possible

Minimum GPA: 2.95

Grad Date: 05/01/99 12:00:00 AM to 12/01/03 12:00:00 AM

Citizenship: US/Perm Only

Classification: Sophomore Junior Senior

ELEC B MECH B MET B

Remarks: PRE-RECRUITMENT MEETING: Monday, March 8 - 6:00 p.m.

Silver & Gold Room - UCE

Special Notes: Deadline for submitting resumes: February 9

DIGITAL AUDIO DISC CORPORATION

Interview Date: 02/22/99 12:00:00 AM

Schedule No: 572

Position: *Full-Time: Process Engineer

Location: Terre Haute, IN

Minimum GPA: 2.0

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US Only

Sign-Up Method: PRS-Open

ELEC B MECH B

Special Notes: Deadline for submitting resumes: February 1

EAGLE-PICHER INDUSTRIES

Interview Date: 02/18/99 12:00:00 AM

Schedule No: 563

Position: Full-Time: Battery Project Engineer

Location: Joplin, MO

Minimum GPA: 2.45

Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM

Citizenship: US Only

Sign-Up Method: PRS-Open

CER B CER M CER P

CER D CHE B CHE M

CHE P CHE D MECH B

MECH M MECH P MECH D

Special Notes: Deadline for submitting resumes: January 28

EXCEL CORPORATION

Interview Date: 02/26/99 12:00:00 AM

Schedule No: 655

Position: *Full-Time: Engineers

Location: NE; TX; KS; IL; AR; IA; CA; CO; MO; IN; PA

Minimum GPA: 2.75

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Sign-Up Method: PRS-Open

CHE B MECH B

Special Notes: Deadline for submitting resumes: February 5

FIRST BRANDS CORP

Interview Date: 03/03/99 12:00:00 AM

Schedule No: 455

Position: *Full-Time: Production Engineer/Supervisor

Location: Rogers, Arkansas

Minimum GPA: 2.45

Grad Date: 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM

Sign-Up Method: PRS-Open

ELEC B EMAN B MECH B

Special Notes: Deadline for submitting resumes: February 10

FISHER CONTROLS/VALVE DIVISION

Interview Date: 02/11/99 12:00:00 AM

Schedule No: 655

Position: *Full-Time: Application Engineer

Location: Marshalltown, Iowa

Minimum GPA: 2.45

Grad Date: 05/01/99 12:00:00 AM to 07/01/99 12:00:00 AM

Citizenship: US/Perm Only

Sign-Up Method: PRS-CLOSED

CHE B ELEC B EMAN B

MECH B

Remarks: PRE-RECRUITMENT MEETING: Wednesday, February 10 - 243 McNutt Hall

Information on position available in 301 Norwood Hall

Special Notes: Deadline for submitting resumes: January 21

FORD MOTOR COMPANY

Interview Date: 02/03/99 12:00:00 AM

Position: Summer Intern: Manufacturing Intern

Location: Michigan and other U.S. Locations

Minimum GPA: 2.95

Grad Date: 12/01/99 12:00:00 AM to 12/01/01 12:00:00 AM

Citizenship: US/Perm Only

Classification: Junior Senior Grad Stu.

Sign-Up Method: PRS-CLOSED

CMPE B CMPE M CMPS B

CMPS M ELEC B ELEC M

MECH B MECH M

Remarks: Information on position available in 301 Norwood Hall

Special Notes: Deadline for submitting resumes: January 22

GENERAL ELECTRIC COMPANY (GE)

Interview Date: 02/16/99 12:00:00 AM

Position: Full-Time: Field Engineering Program

Location: Various

Minimum GPA: 2.75

Grad Date: 12/01/98 12:00:00 AM to 06/01/99 12:00:00 AM

Citizenship: US/Perm Only

Sign-Up Method: PRS-Open

MECH B MECH M

Remarks: Information on position available in 301 Norwood Hall

Special Notes: Deadline for submitting resumes: January 26

GENERAL MOTORS

Interview Date: 02/16/99 12:00:00 AM

Position: *Summer Intern: & Full-Time: Project Engineer

Location: Southeast Michigan; Ohio; Indiana; Various

Minimum GPA: 2.95

Grad Date: 05/01/99 12:00:00 AM to 12/01/03 12:00:00 AM

Citizenship: US/Perm Only

Classification: Sophomore Junior Senior Grad Stu.

Sign-Up Method: PRS-Open

CMPS B CMPS M CMPS P

CMPS D ELEC B ELEC M

ELEC P ELEC D EMAN B

EMAN M EMAN P EMAN D

MECH B MECH M MECH P

Remarks: PRE-RECRUITMENT MEETING: Monday, February 15

Missouri Room - UCE

Special Notes: Deadline for submitting resumes: February 2

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SCIENCE FICTION • FANTASY • COMICS • GAMES

Dinner hosted by
*The Associated Students
of the
University of Missouri*

Thursday, February 18
6:30 - 8:00 PM
Missouri Room
University Center East

Reservation deadline Monday, February 15

Guest speaker
Mr. Jim Snider,
*Assistant to the
President for State
Governmental Relations*

Preview ASUM's
12th Annual Student
Lobby Day and hear an
update on legislative
issues affecting the
UM System.

BORGE BUTLER ASSOCIATES, INC.

Interview Date: 02/25/99 12:00:00 AM
Position: *Summer Intern and Full-Time
Location: Lenexa, KS; Kansas City, MO
Minimum GPA: 2.85
Grad Date: 05/01/99 12:00:00 AM to 12/01/01 12:00:00 AM
Classification: Junior Senior Grad Stu.
Sign-Up Method: PRS-Open
 VL B CIVL M ELEC B
 EC M MECH B MECH M
Remarks: Students interviewing should complete Company Application.
Applications available in: 301 Norwood Hall
Special Notes: Deadline for submitting resumes: February 4

OLDER ASSOCIATES

Interview Date: 02/09/99 12:00:00 AM
Position: *Summer Intern and Full-Time
Location: World Wide
Minimum GPA: 2.45
Grad Date: 05/01/99 12:00:00 AM to 12/01/02 12:00:00 AM
Classification: Sophomore Junior Senior Grad Stu.
Sign-Up Method: PRS-CLOSED
 IVL M CIVL P CIVL D
 EE B GEE M GEE P
 EE D GEOL B GEOL M
 EOL P GEOL D
Special Notes: Deadline for submitting resumes: January 22

ALLMARK CARDS INC.

Interview Date: 02/25/99 12:00:00 AM
Position: *Full-Time: Engineering/Section Manager
Location: Kansas and Missouri
Minimum GPA: 2.75
Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM
Citizenship: US Only
Sign-Up Method: PRS-Open
 CMPE B CMPE M ELEC B
 ELEC M EMAN B EMAN M
 MECH B MECH M
Remarks: PRE-RECRUITMENT MEETING: Wednesday, February 24 - 5:30 p.m.
Mark Twain Room
Information on position available in: 301 Norwood Hall
Students interviewing should take a copy of their resume and a transcript to the interview.
Special Notes: Deadline for submitting resumes: February 4

HARRIS CORPORATION

Interview Date: 03/03/99 12:00:00 AM
Position: *Full-Time: Electrical Engineer
Location: Quincy, IL
Minimum GPA: 2.95
Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
Citizenship: US/Perm Only
Sign-Up Method: PRS-Open
 ELEC B
Special Notes: Deadline for submitting resumes: February 10

HEWLETT PACKARD

Interview Date: 02/11/99 12:00:00 AM
Position: *Full-Time: SW Engineer
Location: Richardson, TX
Minimum GPA: 2.95
Grad Date: 12/01/98 12:00:00 AM to 12/01/99 12:00:00 AM
Citizenship: US/Perm Only
 CMPE B CMPS B ELEC B
Special Notes: OPEN SIGN-UP DATE: January 28 - 8:00 a.m.

HICKORY TECH CORPORATION

Interview Date: 02/09/99 12:00:00 AM
Position: *Full-Time: Engineering Management Development
Location: Mankato, MN
Minimum GPA: 2.95
Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
Sign-Up Method: PRS-Open
 CIVL B ELEC B EMAN B
 MECH B
Special Notes: Deadline for submitting resumes: January 25

HILCO TECHNOLOGIES, INC.

Interview Date: 03/01/99 12:00:00 AM
Position: *Full-Time: Software/Project Engineer
Location: St. Louis/Chicago
Minimum GPA: 2.7
Grad Date: 12/01/98 12:00:00 AM to 12/01/99 12:00:00 AM
Sign-Up Method: PRS-Open
 CHE B CHE M CHE P
 CHE D CMPE B CMPE M
 CMPE P CMPE D CMPS B
 CMPS M CMPS P CMPS D
 ELEC B ELEC M ELEC P
 ELEC D EMAN B EMAN M
 EMAN P EMAN D MECH B
 MECH M MECH P MECH D
Special Notes: Deadline for submitting resumes: February 8

HONEYWELL, INC.

Interview Date: 02/26/99 12:00:00 AM
Position: *Full-Time: Software Engineer; Systems Engineer
Location: Phoenix, Arizona
Minimum GPA: 2.95
Grad Date: 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM
Citizenship: US/Perm Only
Sign-Up Method: PRS-Open
 AERO B AERO M CMPE B
 CMPE M ELEC B ELEC M
Special Notes: Deadline for submitting resumes: February 12

ILLINOIS DEPT OF TRANSPORTATION

Interview Date: 02/25/99 12:00:00 AM
Schedule No: 397
Position: *Full-Time: Civil Engineer Trainee
Location: Illinois - Statewide
Minimum GPA: 2.0
Grad Date: 12/01/98 12:00:00 AM to 12/01/99 12:00:00 AM
Citizenship: US/Perm Only
 CIVL B CIVL M
Remarks: Those students whose undergraduate degree came from a non-ABET-accredited college MUST have already passed the EIT exam.
Company Application and information available in: 301 Norwood Hall.
Students interviewing must complete a Company Application.
Special Notes: OPEN SIGN-UP DATE: February 11 - 8:00 a.m.

INGERSOLL-RAND COMPANY

Interview Date: 02/09/99 12:00:00 AM
Schedule No: 670
Position: *Full-Time: Engineer in Training
Location: Mayfield, KY
Minimum GPA: 2.45
Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM
Sign-Up Method: PRS-CLOSED
 EMAN B EMAN M MECH B
 MECH M
Special Notes: Deadline for submitting resumes: January 21

IXC COMMUNICATIONS

Interview Date: 03/09/99 12:00:00 AM
Schedule No: 477
Position: *Full-Time: *See below & information available in 301 Norwood Hall
Location: Austin, TX
Minimum GPA: 2.0
Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
 ELEC B ELEC M
Remarks: PRE-RECRUITMENT MEETING: Monday, March 8 - 6:30 p.m. - Meramec Room - UCE
***Systems Testing:** Systems Engr; Product Development; Data Services Engr; Systems Design Engr; Facilities & Construction Engr; Network Planning; Strategic Planning; Product Marketing; Field Operations; NOC
Special Notes: Deadline for submitting resumes: February 16

JOHNSON CONTROLS

Interview Date: 02/18/99 12:00:00 AM
Schedule No: 538
Position: *Full-Time: Sales Engineer
Location: Nationwide
Minimum GPA: 2.95
Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
Citizenship: US/Perm Only
Sign-Up Method: PRS-Open
 CMPE B CMPE M ELEC B
 ELEC M MECH B MECH M
Remarks: PRE-RECRUITMENT MEETING: Wednesday, February 17 - 7:00 p.m.
 Meramec Room - UCE
Information on position available in: 301 Norwood Hall
Special Notes: Deadline for submitting resumes: January 28

KIEWIT CONSTRUCTION UNDERGROUND DIV.

Interview Date: 02/11/99 12:00:00 AM
Schedule No: 567
Position: *Summer Intern; and Full-Time Field Engineers/Office Engineers
Location: North America; Puerto Rico
Minimum GPA: 2.0
Grad Date: 05/01/99 12:00:00 AM to 12/01/02 12:00:00 AM
Classification: Junior Senior
Sign-Up Method: PRS-CLOSED
 CIVL B MIN B
Special Notes: Deadline for submitting resumes: January 21

KIEWIT MINING GROUP

Interview Date: 02/09/99 12:00:00 AM
Schedule No: 667
Position: *Summer Intern & Full-Time: Entry Level Engineer
Location: Montana and Wyoming
Minimum GPA: 2.0
Grad Date: 05/01/99 12:00:00 AM to 12/01/02 12:00:00 AM
Citizenship: US/Perm Only
Classification: Sophomore Junior Senior
Sign-Up Method: PRS-CLOSED
 CIVL B
 MIN B
Remarks: PRE-RECRUITMENT MEETING: Monday, February 8 - 6:00 p.m.
 Meramec Room - UCE
Special Notes: Deadline for submitting resumes: January 22

KIMBERLY CLARK CORPORATION

Interview Date: 03/04/99 12:00:00 AM
Schedule No: 545
Position: *Summer Intern & Full-Time: Electrical Engineer; Mechanical Engineer
Location: Various U.S. locations
Minimum GPA: 2.75
Grad Date: 05/01/99 12:00:00 AM to 12/01/01 12:00:00 AM
Citizenship: US/Perm Only
Classification: Junior Senior
Sign-Up Method: PRS-Open
 ELEC B
 MECH B
Remarks: PRE-RECRUITMENT MEETING: Wednesday, March 3 - 7:00 p.m.
 Meramec Room - UCE
Information on position available in: 301 Norwood Hall
Special Notes: Deadline for submitting resumes: February 11

Rollamo Staff Needed: Assistant Editors Photographers

How to Join:
 Come to the meeting
 Thursday, January 28, 1999
 6:00 p.m.
 Student Activity Annex
 (1200 N Pine St)
 341-4279

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KIMLEY-HORN AND ASSOCIATES, INC.

Interview Date: 02/19/99 12:00:00 AM
 Schedule No: 685
 Position: *Full-Time: Engineering Analyst
 Location: Nationwide
 Minimum GPA: 2.95
 Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM
 Sign-Up Method: PRS-Open
 CIVL B
 CIVL M
 Remarks: PRE-RECRUITING MEETING: Thursday, February 18 - 7:00 p.m.
 Mark Twain Room - UCE
 Special Notes: Deadline for submitting resumes: January 29

KWIKSET CORPORATION

Interview Date: 02/12/99 12:00:00 AM
 Schedule No: 626
 Position: *Full-Time: Quality/Process Engineer
 Location: Bristow, OK
 Minimum GPA: 2.95
 Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
 Citizenship: US/Perm Only
 Sign-Up Method: PRS-CLOSED
 CHE B ELEC B EMAN B
 MECH B
 Remarks: PRE-RECRUITMENT MEETING: Thursday, February 11 - 6:00 p.m.
 Meramec Room - UCE
 Special Notes: Deadline for submitting resumes: January 22

LEXMARK INTERNATIONAL, INC.

Interview Date: 02/11/99 12:00:00 AM
 Schedule No: 598
 Position: Full-Time: Information not available
 Location: Information not available
 Minimum GPA: 2.95
 Grad Date: 05/01/99 12:00:00 AM to 07/01/99 12:00:00 AM
 Sign-Up Method: PRS-CLOSED
 CMPS B CMPS M ELEC B
 ELEC M MECH B MECH M
 Special Notes: Deadline for submitting resumes: January 21

LITTELFUSE, INC.

Interview Date: 02/24/99 12:00:00 AM
 Schedule No: 87
 Position: *Summer Intern
 Location: Centralia, IL
 Minimum GPA: 2.45
 Grad Date: 12/01/99 12:00:00 AM to 12/01/02 12:00:00 AM
 Citizenship: US/Perm Only
 Classification: Sophomore Junior Senior
 Sign-Up Method: PRS-Open
 MECH B
 Remarks: PRE-RECRUITMENT MEETING: Tuesday, February 23 - 7:00 p.m.
 Silver & Gold Room - UCE
 Special Notes: Deadline for submitting resumes: February 3

LOGICON INC. (Northrup Grumman)

Interview Date: 03/09/99 12:00:00 AM
 Schedule No: 669
 Position: *Full-Time: Software Engrs; Systems Analyst; Member of Technical Staff
 Location: Nationwide
 Minimum GPA: 2.95
 Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
 Citizenship: US Only
 AERO B AERO M AERO P
 AERO D AMTH B AMTH M
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 CMPS M CMPS P CMPS D
 ELEC B ELEC M ELEC P
 ELEC D MGTS B MGTS M
 MGTS P MGTS D PHYS B
 PHYS M PHYS P PHYS D
 Special Notes: Deadline for submitting resumes: February 16

LSI LOGIC

Interview Date: 02/11/99 12:00:00 AM
 Schedule No: 577
 Position: Full-Time: Design Engr; Process Engr; Test Engr; Equipment Engr; Product Engr
 Location: California; Kansas Colorado
 Minimum GPA: 2.0
 Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM
 Citizenship: US/Perm Only
 Sign-Up Method: PRS-CLOSED
 CHE B CHE M CHE P
 CHE D CMPE B CMPE M
 CMPE P CMPE D ELEC B
 ELEC M ELEC P ELEC D
 MECH B MECH M MECH P
 MECH D
 Remarks: PRE-RECRUITMENT MEETING: Wednesday, February 10 - 7:00 p.m.
 105 Mechanical Engineering Building
 Special Notes: Deadline for submitting resumes: January 21

MACKENZIE & ROTH

Interview Date: 02/19/99 12:00:00 AM
 Schedule No: 585
 Position: Full-Time: Associate Consultants
 Location: St. Louis, MO
 Minimum GPA: 2.95
 Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
 Citizenship: US/Perm Only
 Sign-Up Method: PRS-Open
 AMTH B AMTH M CMPS B
 CMPS M MGTS B MGTS M
 Special Notes: Deadline for submitting resumes: January 29

MAGNUM TECHNOLOGIES, INC.

Interview Date: 03/01/99 12:00:00 AM
 Schedule No: 679
 Position: *Full-Time: Engineer I
 Location: Fairview Heights, IL; Houston; Chicago; Los Angeles; Kansas City
 Minimum GPA: 2.45
 Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM
 Sign-Up Method: PRS-Open
 CMPS B ELEC B MECH B
 Special Notes: Deadline for submitting resumes: February 8

MASSMAN CONSTRUCTION

Interview Date: 02/16/99 12:00:00 AM
 Schedule No: 597
 Position: Summer Intern; and Full-Time: Construction Engineer
 Location: Various
 Minimum GPA: 2.65
 Grad Date: 05/01/98 12:00:00 AM to 12/01/01 12:00:00 AM
 Classification: Junior Senior
 Sign-Up Method: PRS-Open
 CIVL B
 Special Notes: Deadline for submitting resumes: January 26

MAYTAG APPLIANCES

Interview Date: 02/11/99 12:00:00 AM
 Schedule No: 592
 Position: *Full-Time: Design Engineer
 Location: Newton, Iowa
 Minimum GPA: 2.95
 Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
 Sign-Up Method: PRS-CLOSED
 ELEC B MECH B
 Remarks: Information on position available in 301 Norwood Hall
 Special Notes: Deadline for submitting resumes: January 21

MBCI (Metal Building Components Inc.)

Interview Date: 02/24/99 12:00:00 AM
 Schedule No: 547
 Position: Full-Time: Design Engineers
 Location: Houston, TX
 Minimum GPA: 2.45
 Grad Date: 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM
 CIVL B MET B
 Special Notes: OPEN SIGN-UP DATE: February 10 - 8:00 a.m.

MCI WORLDCOM

Interview Date: 02/23/99 12:00:00 AM
 Schedule No: 437
 Position: *Full-Time: Engineering Development Program
 Location: Tulsa, OK; Dallas, TX; St. Louis, MO
 Minimum GPA: 2.75
 Grad Date: 12/01/98 12:00:00 AM to 12/01/99 12:00:00 AM
 Citizenship: US/Perm Only
 Sign-Up Method: PRS-Open
 CMPE B CMPE M ELEC B
 ELEC M MECH B MECH M
 Remarks: PRE-RECRUITMENT MEETING: Monday, February 22 - 7:00 p.m.
 Missouri Room - UCE
 Information on position available in 301 Norwood Hall
 Special Notes: Deadline for submitting resumes: February 2

MICROSOFT

Interview Date: 02/25/99 12:00:00 AM
 Schedule No: 622
 Position: *Summer Intern and Full-Time
 Location: Redmond, Washington
 Minimum GPA: 2.0
 Grad Date: 12/01/98 12:00:00 AM to 12/01/04 12:00:00 AM
 Classification: Freshman/Sophomore Junior Senior Grad Stu.
 Sign-Up Method: PRS-Open
 AMTH B AMTH M AMTH P
 AMTH D CMPS B CMPS M
 CMPS P CMPS D ELEC B
 ELEC M ELEC P ELEC D
 PHYS B PHYS M PHYS P
 PHYS D
 Remarks: Information on positions available in 301 Norwood Hall
 Special Notes: Deadline for submitting resumes: February 5

MISSOURI DEPT OF TRANSPORTATION

Interview Date: 02/16/99 12:00:00 AM
 Position: Full-Time - see below*
 Location: Statewide; Jefferson City
 Minimum GPA: 2.45
 Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
 Citizenship: US/Perm Only
 Sign-Up Method: PRS-Open
 CIVL B CIVL M
 Remarks: *Highway Designer; Construction Inspector; Traffic Studies Engineer; Structural Design; Research & Development Assistant
 Students interviewing must take completed MODOT Application and copy of the transcript to the interview. MODOT Applications available in 301 Norwood Hall
 Special Notes: Deadline for submitting resumes: January 26

MOBILE APPLICATION SERVERS, INC.

Interview Date: 02/15/99 12:00:00 AM
 Position: *Summer Intern and Full-Time: Software Developer
 Location: St. Louis, MO
 Minimum GPA: 3.45
 Grad Date: 12/01/98 12:00:00 AM to 12/01/02 12:00:00 AM
 Classification: Junior Senior Grad Stu.
 Sign-Up Method: PRS-Open
 CMPS B CMPS M CMPS P
 CMPS D
 Remarks: Information on position available in 301 Norwood Hall
 Special Notes: Deadline for submitting resumes: January 25

MONSANTO ENVIRO-CHEM

Interview Date: 02/16/99 12:00:00 AM
 Position: *Full-Time: Chemical Process Engineer
 Location: St. Louis, MO
 Minimum GPA: 2.75
 Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM
 Sign-Up Method: PRS-Open
 CHE B
 Remarks: PRE-RECRUITMENT MEETING: Monday, February 15 - 7:30 p.m.
 Silver & Gold Room - UCE
 Special Notes: Deadline for submitting resumes: January 28

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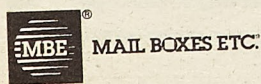
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MULTI SERVICE CORPORATION**Interview Date:** 02/09/99 12:00:00 AM

Position: *Full-Time: Programmer/Analyst

Location: Overland Park, KS

Minimum GPA: 2.95

Grad Date: 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM

CMPE B CMPS B

Remarks: Information on position available in 301 Norwood Hall

Special Notes: OPEN SIGN-UP DATE: January 26 - 8:00 a.m.

McENERY AUTOMATION CORPORATION**Interview Date:** 02/17/99 12:00:00 AM

Position: Full-Time: Control System Engineer

Location: St. Louis, MO

Minimum GPA: 2.45

Grad Date: 05/01/99 12:00:00 AM to 12/01/99 12:00:00 AM

Sign-Up Method: PRS-Open

ELEC B

Remarks: BS ONLY

Special Notes: Deadline for submitting resumes: January 27

NATIONAL STEEL COMPANY**Interview Date:** 02/22/99 12:00:00 AM

Position: Full-Time: Engineering Management

Location: Portage, IN; Granite City, IL

Minimum GPA: 2.0

Grad Date: 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM

Sign-Up Method: PRS-Open

ELEC B MECH B MET B

Special Notes: Deadline for submitting resumes: February 1

NEBRASKA PUBLIC POWER DISTRICT**Interview Date:** 02/09/99 12:00:00 AM

Position: *Full-Time: Engineers

Location: Cooper Nuclear Station - Brownville, NE

Minimum GPA: 2.95

Grad Date: 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US/Perm Only

ELEC B MECH B

Remarks: PRE-RECRUITMENT MEETING: Monday, February 8 - 6:30 p.m.

Missouri Room - UCE

Special Notes: OPEN SIGN-UP DATE: January 26 - 8:00 a.m.

Recruiting for candidates who are interested in working in power plant/high-tech environment in a rural location with access to major cities.

NOOTER CORPORATION**Interview Date:** 03/01/99 12:00:00 AM

Position: *Full-Time: Entry Level Engineers

Location: St. Louis, MO

Minimum GPA: 2.95

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US/Perm Only

Sign-Up Method: PRS-Open

CIVL B EMAN B MECH B

Special Notes: Deadline for submitting resumes: February 8

NORTHROP-GRUMMAN CORP - ESID**Interview Date:** 02/19/99 12:00:00 AM

Position: *Summer Intern & Full-Time: Electrical Engr; Software Engr

Location: Rolling Meadows, IL

Minimum GPA: 2.75

Grad Date: 12/01/98 12:00:00 AM to 12/01/02 12:00:00 AM

Citizenship: US Only

Classification: Sophomore Junior Senior

Sign-Up Method: PRS-Open

CMPE B CMPS B ELEC B

MECH B PHYS B

Special Notes: Deadline for submitting resumes: January 28

OKLAHOMA DEPARTMENT OF TRANSPORTATION**Interview Date:** 03/08/99 12:00:00 AM

Position: *Full-Time: Engineer In Training

Location: Oklahoma Statewide

Minimum GPA: 2.0

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US/Perm Only

CIVL B CIVL M

Special Notes: OPEN SIGN-UP DATE: February 22 - 8:00 a.m.

OLIN CORPORATION**Interview Date:** 02/24/99 12:00:00 AM

Position: Full-Time: Industrial Engr; Electrical Engr; Programmer Analyst; Sales

Location: East Alton, IL

Minimum GPA: 2.0

Grad Date: 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US/Perm Only

Sign-Up Method: PRS-Open

AMTH B AMTH M CMPS B

CMPS M ECON B ECON M

ELEC B ELEC M EMAN B

EMAN M MET B MET M

MGTS B MGTS M

Remarks: Information on positions available in 301 Norwood Hall

Special Notes: Deadline for submitting resumes: February 3

PARKER HANNIFIN CORPORATION**Interview Date:** 02/25/99 12:00:00 AM

Schedule No: 648

Position: *Full-Time: Technical Sales

Location: Nationwide

Minimum GPA: 2.95

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US Only

AERO B ELEC B EMAN B

MECH B

Remarks: Information on position available in 301 Norwood Hall

Special Notes: OPEN SIGN-UP DATE: February 11 - 8:00 a.m.

PROCTER & GAMBLE COMPANY**Interview Date:** 03/10/99 12:00:00 AM

Schedule No: 630

Position: *Summer Intern and Full-Time: Manufacturing Management

Location: Cape Girardeau, MO

Minimum GPA: 2.0

Grad Date: 05/01/99 12:00:00 AM to 12/01/02 12:00:00 AM

Citizenship: US/Perm Only

Classification: Sophomore Junior Senior

Sign-Up Method: PRS-Open

CHE B ELEC B MECH B

Remarks: PRE-RECRUITMENT MEETING: Tuesday, February 9 - 6:30 p.m.

Mark Twain Room-UCF

Special Notes: Deadline for submitting resumes: February 9

PSI-PROFESSIONAL SERVICES INDUSTRY**Interview Date:** 02/25/99 12:00:00 AM

Schedule No: 573

Position: *Full-Time: Staff Engineers

Location: Midwest and Nationwide

Minimum GPA: 2.0

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Sign-Up Method: PRS-Open

CIVL B CIVL M CIVL P

CIVL D GEE B GEE M

GEE P GEE D

Special Notes: Deadline for submitting resumes: February 4

RAYTHEON SYSTEMS COMPANY**Interview Date:** 03/02/99 12:00:00 AM

Schedule No: 686

Position: *Full-Time: Engineering

Location: Nationwide

Minimum GPA: 2.95

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US Only

Sign-Up Method: PRS-Open

AERO B AERO M ELEC B

ELEC M MECH B MECH M

Remarks: PRE-RECRUITMENT MEETING: Monday, March 1 - 6:00 p.m.

Silver & Gold Room - UCE

Special Notes: Deadline for submitting resumes: February 9

RAYTHEON SYSTEMS COMPANY**Interview Date:** 03/02/99 12:00:00 AM

Schedule No: 527

Position: *Full-Time: Engineering

Location: Nationwide

Minimum GPA: 2.95

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US Only

Sign-Up Method: PRS-Open

AMTH B AMTH M CMPE B

CMPE M CMPS B CMPS M

PHYS B PHYS M

Remarks: PRE-RECRUITMENT MEETING: Monday, March 1 - 6:00 p.m.

Silver & Gold Room - UCE

Special Notes: Deadline for submitting resumes: February 9

ROCKWELL AUTOMATION**Interview Date:** 02/17/99 12:00:00 AM

Schedule No: 587

Position: *Full-Time: Field Support Engineer

Location: St. Louis, MO

Minimum GPA: 2.2

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US/Perm Only

Sign-Up Method: PRS-Open

AERO B CER B CHE B

CIVL B CMPE B ELEC B

EMAN B EMAN M EMAN P

EMAN D ENPL B MECH B

MET B MIN B NUCL B

PETR B

Remarks: PRE-RECRUITMENT MEETING: Tuesday, February 16 - 6:00 p.m.

The Gallery (Carver Turner Room) - UCE

Special Notes: Deadline for submitting resumes: January 27

ROCKWELL COLLINS**Interview Date:** 02/11/99 12:00:00 AM

Schedule No: 594

Position: *Summer Intern; and Full-Time Technical Staff Member

Location: Cedar Rapids, Iowa

Minimum GPA: 2.7

Grad Date: 12/01/98 12:00:00 AM to 12/01/02 12:00:00 AM

Classification: Sophomore Junior Senior Grad Stu.

Sign-Up Method: PRS-CLOSED

AERO B AERO M AERO P

AERO D CMPE B CMPE M

CMPE P CMPE D CMPS B

CMPS M CMPS P CMPS D

ELEC B ELEC M ELEC P

ELEC D MECH B MECH M

MECH P MECH D

Special Notes: Deadline for submitting resumes: January 21

ROLLS ROYCE-ALLISON**Interview Date:** 02/15/99 12:00:00 AM

Schedule No: 562

Position: Full-Time: Associate Engineer

Location: Indianapolis, IN

Minimum GPA: 2.95

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US Only

Sign-Up Method: PRS-Open

AERO B AERO M MECH B

MECH M

Special Notes: Deadline for submitting resumes: January 25

SCHLUMBERGER**Interview Date:** 03/09/99 12:00:00 AM

Schedule No: 571

Position: *Full-Time: Field Engineer

Location: Nationwide

Minimum GPA: 2.95

Grad Date: 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US Only

AMTH B AMTH M CHE B

CHE M CHEM B CHEM M

CIVL B CIVL M CMPE B

CMPE M CMPS B CMPS M

ELEC B ELEC M EMAN B

EMAN M MECH B MECH M

NUCL B NUCL M PETR B

PETR M PHYS B PHYS M

Remarks: PRE-RECRUITMENT MEETING: Monday, March 8 - 7:00 p.m.

The Gallery (Carver-Turner Room) - UCE

Information on position available in 301 Norwood Hall

Special Notes: Deadline for submitting resumes: February 9

SIEBE APPLICANCE CONTROLS**Interview Date:** 03/02/99 12:00:00 AM

Schedule No: 691

Position: *Full-Time & Summer Intern: Manufacturing Engineer

Location: West Plains, MO

Minimum GPA: 2.65

Grad Date: 12/01/98 12:00:00 AM to 12/01/02 12:00:00 AM

Classification: Sophomore Junior Senior Grad Stu.

Sign-Up Method: PRS-Open

ELEC B MECH B

Special Notes: Deadline for submitting resumes: February 9

SMITH & COMPANY**Interview Date:** 02/09/99 12:00:00 AM

Schedule No: 681

Position: *Full-Time: Civil Engineer

Location: Poplar Bluff, MO

Minimum GPA: 2.0

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Sign-Up Method: PRS-Open

CIVL B

Special Notes: Deadline for submitting resumes: January 25

SOUTHERN COMPANY**Interview Date:** 03/02/99 12:00:00 AM

Schedule No: 590

Position: *Full-Time: Generation Engr; Distribution Engr; Transmission Engr

Location: Alabama and Georgia

Minimum GPA: 2.95

Grad Date: 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM

Citizenship: US/Perm Only

Sign-Up Method: PRS-Open

ELEC B ELEC M MECH B

MECH M

Special Notes: Deadline for submitting resumes: February 9

SOUTHWEST RESEARCH INSTITUTE**Interview Date:** 02/17/99 12:00:00 AM

Schedule No: 564

Position: *Full-Time: Analyst; Scientist; Engineer

Location: San Antonio, TX and Others

Minimum GPA: 2.95

Grad Date: 12/01/98 12:00:00 AM to 12/01/99 12:00:00 AM

Citizenship: US Only

Sign-Up Method: PRS-Open

CHEM B CHEM M CHEM P

CHEM D CMPS B CMPS M

CMPS P CMPS D ELEC B

ELEC M ELEC P ELEC D

MECH B MECH M MECH P

MECH D

Remarks: PRE-RECRUITMENT MEETING: Tuesday, February 16 - 7:00 p.m.

Missouri Room - UCE

Special Notes: Deadline for submitting resumes: January 27

SOUTHWESTERN PUBLIC SERVICE COMPANY**Interview Date:** 02/12/99 12:00:00 AM

Schedule No: 531

Position: *Summer Intern; Full-Time

Location: Texas

Minimum GPA: 2.2

Grad Date: 05/01/99 12:00:00 AM to 12/01/02 12:00:00 AM

Citizenship: US/Perm Only

Classification: Senior Grad Stu.

Sign-Up Method: PRS-CLOSED

CIVL B CIVL M ELEC B

ELEC M MECH B MECH M

Remarks: PRE-RECRUITMENT MEETING: Thursday, February 11 - 6:00 p.m.

201 Norwood Hall

Special Notes: Deadline for submitting resumes: January 22

SPANG & COMPANY**Interview Date:** 02/11/99 12:00:00 AM

Schedule No: 578

Minimum GPA: 2.0

Grad Date: 05/01/99 12:00:00 AM to 12/01/02 12:00:00 AM

SPORLAN VALVE**Interview Date:** 03/03/99 12:00:

SPRINT**Interview Date:** 02/17/99 12:00:00 AM**Position:** *Full-Time: Associate Engineer**Location:** Nationwide**Minimum GPA:** 2.95**Grad Date:** 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM**Citizenship:** US/Perm Only**Sign-Up Method:** PRS-Open

AMTH B CMPS B ELEC B

MGTS B PHYS B

Remarks: PRE-RECRUITMENT MEETING: Tuesday, February 16 - 7:00 p.m.**Meramec Room****Special Notes:** Deadline for submitting resumes: January 27**SPRINT****Interview Date:** 02/17/99 12:00:00 AM**Position:** *Full-Time: Regional Systems Administrator; Regional Engr I-Switch Administrator**Location:** New Century, KS**Minimum GPA:** 3.45**Grad Date:** 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM**Citizenship:** US Only**Sign-Up Method:** PRS-Open

CMPS B ELEC B

Special Notes: Deadline for submitting resumes: January 27**SPRINT****Interview Date:** 02/25/99 12:00:00 AM**Position:** *Summer Intern and Full-Time: Directional Planer**Location:** Overland Park, KS**Minimum GPA:** 2.95**Grad Date:** 05/01/99 12:00:00 AM to 12/01/01 12:00:00 AM**Classification:** Junior Senior**Sign-Up Method:** PRS-Open

CMPE B ELEC B

Remarks: PRE-RECRUITMENT MEETING: Wednesday, Feb. 24 - 5:00 p.m.**Meramec Room-UCF Information on position available in 301 Norwood Hall****Special Notes:** Deadline for submitting resumes: February 4**SPRINT****Interview Date:** 02/25/99 12:00:00 AM**Position:** *Summer Intern and Full-Time: Network Engineer**Location:** Kansas City, MO Metro Area**Minimum GPA:** 2.95**Grad Date:** 05/01/99 12:00:00 AM to 12/01/01 12:00:00 AM**Classification:** Junior Senior**Sign-Up Method:** PRS-Open

ELEC B

Remarks: PRE-RECRUITMENT MEETING: Wednesday, Feb. 24 - 5:00 p.m.**Meramec Room - UCE****Information on position available in 301 Norwood Hall****Special Notes:** Deadline for submitting resumes: February 4**SPRINT PCS-IT Staffing Operations****Interview Date:** 03/04/99 12:00:00 AM**Position:** *Full-Time: Engineer; Analyst's; Administrator; Programmer**Location:** Kansas City area**Minimum GPA:** 2.95**Grad Date:** 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM**Classification:** Senior Grad Stu.**Sign-Up Method:** PRS-Open

AMTH B AMTH M CMPE B

CMPE M CMPS B CMPS M

ECON B ECON M ELEC B

ELEC M MGTS M MGTS M

Remarks: PRE-RECRUITMENT MEETING: Wednesday, March 3 - 6:30 p.m.**Mark Twain Room - UCE****Information on position available in 301 Norwood Hall****Special Notes:** Deadline for submitting resumes: February 11**SYNTEX AGRIBUSINESS INC.****Interview Date:** 03/04/99 12:00:00 AM**Position:** *Full-Time: Process Safety Engineer**Location:** Springfield, MO**Minimum GPA:** 2.95**Grad Date:** 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM**Citizenship:** US/Perm Only**Sign-Up Method:** PRS-Open

CHE B

Special Notes: Deadline for submitting resumes: February 11**TRANSAMERICAN POWER PRODUCTS INC****Interview Date:** 02/12/99 12:00:00 AM**Position:** *Full-Time: Staff Engineer**Location:** Houston, TX**Minimum GPA:** 2.0**Grad Date:** 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM**Sign-Up Method:** PRS-Open

CIVL B MECH B

Special Notes: Deadline for submitting resumes: January 29**U.S. CENTRAL INTELLIGENCE AGENCY****Interview Date:** 02/11/99 12:00:00 AM**Position:** *Summer Intern; and Full-Time**Location:** Northern Virginia**Minimum GPA:** 2.95**Grad Date:** 12/01/98 12:00:00 AM to 12/01/04 12:00:00 AM**Citizenship:** US Only**Classification:** Freshman Sophomore Junior Senior Grad Stu.**Sign-Up Method:** PRS-CLOSED

CIVL B CIVL M CMPE B

CMPE M CMPS B CMPS M

ECON B ECON M ELEC B

ELEC M ENPL B ENPL M

GEE B GEE M HIST B

HIST M

PRE-RECRUITMENT MEETING: Wednesday, February 10 - 6:00 p.m.**The Gallery (Carver-Turner Room) UCE****Special Notes:** Deadline for submitting resumes: January 21**U.S. DEPT OF DEFENSE-NAVY RECRUITING****Interview Date:** 02/16/99 12:00:00 AM**Position:** *Summer Intern and Full-Time: Engineering**Location:** East and West Coast**Minimum GPA:** 2.95**Grad Date:** 12/01/98 12:00:00 AM to 12/01/02 12:00:00 AM**Citizenship:** US Only**Classification:** Sophomore Junior Senior Grad Stu.

A&S B A&S M ENG B

ENG M M&M B M&M M

Special Notes: OPEN SIGN-UP DATE: February 2 - 8:00 a.m.**U.S. GYPSUM COMPANY****Interview Date:** 02/11/99 12:00:00 AM**Position:** *Full-Time: Project Engineer; Mining Engineer**Location:** Project Engr-Various U.S. locations; Mining Engr- Shoal, IN / Sperry, IA**Minimum GPA:** 2.65**Grad Date:** 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM**Citizenship:** US/Perm Only**Sign-Up Method:** PRS-CLOSED

CIVL B ELEC B MECH B

MIN B

PRE-RECRUITMENT MEETING: Wednesday, February 10 - 7:00 p.m. 201 Norwood Hall**Special Notes:** Deadline for submitting resume: January 22**U.S. STEEL CORPORATION****Interview Date:** 02/17/99 12:00:00 AM**Position:** Full-Time: Management Associate Trainee**Location:** Gary, Indiana**Minimum GPA:** 2.0**Grad Date:** 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM**Citizenship:** US/Perm Only**Sign-Up Method:** Manual

EMAN B MET B

Special Notes: OPEN SIGN-UP DATE: February 3 - 8:00 a.m.**UNIGRAPHICS SOLUTIONS****Interview Date:** 02/25/99 12:00:00 AM**Position:** Summer Intern & Full-Time: *See below**Location:** St. Louis; Detroit**Minimum GPA:** 2.7**Grad Date:** 12/01/98 12:00:00 AM to 12/01/03 12:00:00 AM**Classification:** Sophomore Junior Senior Grad Stu.**Sign-Up Method:** PRS-Open

CMPS B CMPS M CMPS P

CMPS D MECH B MECH M

MECH P MECH D MGTS B

MGTS M MGTS P

MGTS D

Special Notes: Deadline for submitting resumes: February 4**USA DETERGENTS****Interview Date:** 02/19/99 12:00:00 AM**Schedule No:** 625**Position:** Summer Intern: Full-Time: *see below**Location:** Harrisonville, MO**Minimum GPA:** 2.95**Grad Date:** 12/01/98 12:00:00 AM to 12/01/01 12:00:00 AM**Classification:** Junior Senior**Sign-Up Method:** PRS-Open

CHE B CHEM B LIFS B

LIFS M LIFS P LIFS D

MECH B

Remarks: *Quality Coordinator; Manufacturing Coordinator; Mechanical Engineering**Intern; Logistics Intern****Special Notes:** Deadline for submitting resumes: January 29**UTILITY ENGINEERING****Interview Date:** 02/12/99 12:00:00 AM**Schedule No:** 692**Position:** *Full-Time: Engineer**Location:** Unknown**Minimum GPA:** 2.5**Grad Date:** 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM**Sign-Up Method:** PRS-Open

CIVL B CIVL M ELEC B

ELEC M MECH B MECH M

Remarks: PRE-RECRUITMENT MEETING: Thursday, February 11 - 6:00 p.m.**Location to be determined****Special Notes:** OPEN SIGN-UP DATE: January 28 - 8:00 a.m.**VIRON ENERGY SERVICES****Interview Date:** 02/16/99 12:00:00 AM**Schedule No:** 596**Position:** Full-Time: Project Engineer**Location:** Kansas City**Minimum GPA:** 2.0**Grad Date:** 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM**Sign-Up Method:** PRS-Open

ELEC B MECH B

Remarks: Information on position available in 301 Norwood Hall**Special Notes:** Deadline for submitting resumes: January 26**WAL-MART STORES INC.****Interview Date:** 03/11/99 12:00:00 AM**Schedule No:** 661**Position:** *Summer Intern & Full-Time: Entry Level Programmer**Location:** Bentonville, Arkansas**Minimum GPA:** 2.45**Grad Date:** 12/01/98 12:00:00 AM to 12/01/01 12:00:00 AM**Classification:** Junior Senior Grad Stu.

CMPS B CMPS M MGTS B

MGTS M

Remarks: PRE-RECRUITMENT MEETING: Wednesday, March 10 - 6:00 p.m.**Meramec Room - UCE****Special Notes:** Deadline for submitting resumes: February 18**WALLACE ENGINEERING****Interview Date:** 02/11/99 12:00:00 AM**Schedule No:** 584**Position:** *Full-Time: Structural/Civil Engineer; Intern Engineer**Location:** Tulsa, OK; Kansas City, MO**Minimum GPA:** 2.45**Grad Date:** 05/01/99 12:00:00 AM to 07/01/99 12:00:00 AM**Sign-Up Method:** PRS-CLOSED

CIVL B CIVL M

Special Notes: Deadline for submitting resumes: January 21**WARNER JENKINSON CO. INC.****Interview Date:** 02/25/99 12:00:00 AM**Schedule No:** 593**Position:** Full-Time: Color Chemist**Location:** St. Louis, MO**Minimum GPA:** 2.75**Grad Date:** 05/01/99 12:00:00 AM to 08/01/99 12:00:00 AM**Citizenship:** US/Perm Only**Sign-Up Method:** PRS-Open

CHEM B

Remarks: Information on position available in 301 Norwood Hall**Special Notes:** Deadline for submitting resumes: February 4**WELLS MANUFACTURING COMPANY****Interview Date:** 02/11/99 12:00:00 AM**Schedule No:** 647**Position:** Summer Intern: Full-Time: *See below**Location:** Woodstock, IL**Minimum GPA:** 2.0**Grad Date:** 12/01/98 12:00:00 AM to 12/01/01 12:00:00 AM**Citizenship:** US/Perm Only**Classification:** Junior Senior**Sign-Up Method:** PRS-Open

EMAN B MECH B MET B

Remarks: PRE-RECRUITMENT MEETING: Wednesday, February 10 - 5:00 p.m.**117 Mechanical Engineering Building*****Process Metallurgist; Project Metallurgist; Plant Metallurgist;****Project Engineer****Special Notes:** Deadline for submitting resumes: January 25**WILLIAMS COMPANIES****Interview Date:** 02/09/99 12:00:00 AM**Schedule No:** 620**Position:** Summer Intern: and Full-Time positions**Location:** Tulsa, OK**Minimum GPA:** 2.0**Grad Date:** 05/01/99 12:00:00 AM to 12/01/02 12:00:00 AM**Classification:** Sophomore Junior Senior Grad Stu.**Sign-Up Method:** PRS-CLOSED

CIVL B CIVL M CIVL P

CIVL D CMPS B CMPS M

CMPS P CMPS D ELEC B

ELEC M ELEC P ELEC D

ENPL B ENPL M ENPL P

ENPL D MGTS B MGTS M

MGTS P MGTS D

Remarks: PRE-RECRUITMENT MEETING: Monday, February 8 - 6:30 p.m.**Mark Twain Room - UCE****Information on position available in 301 Norwood Hall****Special Notes:** Deadline for submitting resumes: January 19**WOODWARD CLYDE CONSULTING****Interview Date:** 03/03/99 12:00:00 AM**Schedule No:** 697**Position:** *Full-Time: Staff Environmental Engineer**Location:** Overland Park, KS**Minimum GPA:** 2.45**Grad Date:** 12/01/98 12:00:00 AM to 08/01/99 12:00:00 AM**Sign-Up Method:** PRS-Open

o-Op

8/99 12:00:00 AM
ingham Steel
 mphis, Chicago, Cleveland, Seattle, Atlanta, Birmingham, Jackson, MS
 C B MECH B MET B
 nman Sophomore Junior Senior

Perm Only
 Information meeting: 2/7/99 6:30 pm -UCE Meramec Room
 Sign-ups released: 1/11/99
 SCHEDULE CLOSED FOR SIGN-UPS 2/5/99
 Start 1st co-op work session MAY/JUNE 1999 AND/OR AUGUST 1999

9/99 12:00:00 AM
ter Assoc Inc.
 Louis, Mo
 CIVL B
 L M CIVL D GEE B
 E M GEE D GEOL B
 DL M GEOL D
 homore Junior Senior Grad Stu.

Sign-ups released 1/12/99
 Schedule closed for sign-ups 2/4/99

9/99 12:00:00 AM
braska Public Power District
 omerville, Nebraska
 EC B MECH B
 nman Sophomore Junior
 Only
 Information Meeting: 2/8/99 6:30 -UCE 213 Missouri Room
 Sign-ups released: 1/15/99
 SCHEDULE CLOSED FOR SIGN-UPS 4/2/98
 WORK LOCATION: BROWNVILLE, NEBRASKA - COOPER NUCLEAR
 ACTION START 1ST CO-OP WORK SESSION MAY/JUNE 1999

9/99 12:00:00 AM
malum Div/Kaiser Aluminum
 CH B
 nman Sophomore Junior
 Perm Only
 Sign-ups released 1/11/99:
 Schedule closed for sign-ups 2/5/99
 START 1ST CO-OP WORK SESSION August 1999

11/99 12:00:00 AM
merican Cyanamid Company
 E B CHEM B CMPS B
 ETS B
 homore Junior
 Sign-ups released: 1/11/99
 Schedule closed for sign-ups 2/5/99
 Start 1st co-op work session May/June 1999 and or August 99

11/99 12:00:00 AM
ntal Intelligence Agency
 IPS B ELEC B CMPE B
 homore Junior
 Only
 Information meeting: 2/10/99 6pm UCE Gallery Room
 Sign-ups released: 1/11/99
 Schedule closed for sign-ups 2/5/99
 Start 1st co-op work session, June 99, August 99 or January 2000
 SECURITY CLEARANCE REQUIRED BEFORE EMPLOYED
 W. ODCI .GOV/CIA

11/99 12:00:00 AM
monwealth Aluminum
 visport, Kentucky
 CH B MET B
 homore Junior Senior
 Sign-ups released: 1/11/99
 Sign-ups closed 2/5/99
 Start 1st co-op work session May/June 1999
 August 1999

11/99 12:00:00 AM
nter Engineering Company
 Louis, MO
 IPS B ELEC B MECH B
 nior Senior
 Sign-ups released: 1/11/99
 Sign-ups closed 2/5/99
 SCHEDULE CLOSED FOR SIGN-UPS 2/5/99
 START 1ST CO-OP WORK SESSION summer 99, fall 99
 www.hunter.com

11/99 12:00:00 AM
ondell Citgo Refining Company
 ouston, Texas
 HE B MET B
 homore Junior
 Sign-ups released 1/11/99
 Schedule closed for sign-ups 2/5/99
 Start 1st co-op work session Fall 1999

02/11/99 12:00:00 AM
Rockwell Collins Defense
 AERO B CMPE B CMPS B
 ELEC B MECH B
 Sophomore Junior
 2.7
 US/Perm Only
 Sign-ups released: 1/11/99
 Schedule closed for sign-ups 2/5/99
 start 1st co-op work session May/June 99 and or August 99

02/11/99 12:00:00 AM
US Gypsum
 CIVL B ELEC B MECH B
 MIN B
 Sophomore Junior Senior
 2.65
 US/Perm Only
 Information meeting 2/10/99 7pm - 201 Norwood Hall
 Sign-ups released: 1/11/99
 Schedule closed for sign-ups 2/3/99
 Start 1st co-op work session may/June 1999 and or August 1999

02/12/99 12:00:00 AM
City of St. Charles
 CIVL B
 Sophomore Junior Senior
 2.45
 Sign-ups released: 1/11/99
 Schedule closed for sign-ups: 2/5/99
 Start 1st co-op work session: Many/June 1999

02/12/99 12:00:00 AM
Fisher Controls
 Marshalltown, Iowa
 CHE B ELEC B MECH B
 EMAN B
 Junior
 2.45
 US/Perm Only
 Information meeting: 2/10/99 7pm - 243 McNutt
 Sign-ups released: 1/11/99
 SCHEDULE CLOSED FOR SIGN-UPS 2/5/99
 START 1ST CO-OP WORK SESSION May/June 1999 and/or August 99
 www.fico.com/Fisher

02/12/99 12:00:00 AM
GE Appliances
 Louisville, KY; Bloomington, Indiana
 MECH B
 ELEC B
 Sophomore
 Junior
 Senior 2.95
 US/Perm Only
 Sign-ups released 1/11/99
 Sign-ups closed: 2/5/99
 START 1ST CO-OP WORK SESSION August 1999
 www.geaco-op.com

02/12/99 12:00:00 AM
Kwikset Corporation
 Bristow, Oklahoma
 CHE B ELEC B EMAN B
 MECH B
 Sophomore Junior Senior
 2.95
 US/Perm Only
 Pre-recruitment meeting 2/11/99 6pm UCE Meramec Room
 Sign-ups released: 1/11/99
 Sign-ups closed 2/5/99
 start 1st co-op work session May/June 1999 and or August 99

02/12/99 12:00:00 AM
Sigma Chemical Company
 CHEM B LIFS B
 Sophomore Junior
 2.65
 US/Perm Only
 Information meeting 2/10/99 5pm -UCE Mark Twain Room 214
 Sign-ups released 1/11/99
 Schedule closed for sign-ups 2/1/99
 start work as a co-op student May/June, August 1999

02/16/99 12:00:00 AM
Marathon Ashland Petroleum
 CIVL B ELEC B MECH B
 Sophomore Junior Senior
 2.95
 US/Perm Only
 Information meeting: 2/15/98 6pm - UCE 211 Meramec Room
 Sign-ups released: 1/11/99
 SCHEDULE CLOSED FOR SIGN-UPS 2/8/99
 START 1ST CO-OP Fall 1999
 Pick up recruiting literature packet before your interview
 www.MAPLLC.com

02/18/99 12:00:00 AM
Boeing
 AERO B CMPS B ELEC B
 EMAN B MECH B
 Sophomore Junior
 2.95
 US Only
 Sign-up released 1/19/99
 schedule closed for sign-ups 2/12/99
 START 1ST CO-OP WORK SESSION FALL 1999
 www.boeing.com

02/18/99 12:00:00 AM
McEnergy Automation Corporation
 St. Louis, Mo
 ELEC B
 Sophomore Junior Senior
 2.95
 Information meeting 2/17/99 6pm -UCE 214 Mark Twain room
 Sign-ups released 1/11/99
 Sign-ups closed: 2/12/99
 start 1st co-op work session May/June 1999

02/23/99 12:00:00 AM
Associated Electric Cooperative, Inc.
 Springfield, MO
 CHE B CMPE B CMPS B
 ELEC B
 Grad Stu. Alumni
 2.95
 Information meeting 2/22/99 6:30 pm - UCE Mark Twain room
 Sign-ups released 1/11/99
 Schedule closed for sign-ups 2/17/99
 Start 1st co-op work session May/June 1999

02/23/99 12:00:00 AM
CPI Corporation
 St. Louis, MO
 CMPS B ELEC B MGTS B
 CMPE B
 Freshman Sophomore Junior Senior
 2.75
 Sign-ups released: 1/11/99
 SCHEDULE CLOSED FOR SIGN-UPS 2/17/99
 START 1ST CO-OP WORK SESSION May/June 1999 and or August 1999
 www.cpitech.epicorp.com

02/24/99 12:00:00 AM
Associated Electric Cooperative, Inc.
 CHE B CMPE B CMPS B
 ELEC B
 Grad Stu. Alumni
 2.95
 Information meeting 2/22/99 6:30 pm - UCE Mark Twain room
 Sign-ups released 1/11/99
 Schedule closed for sign-ups 2/17/99
 Start 1st co-op work session May/June 1999

02/25/99 12:00:00 AM
Aluminum Co. of America
 ELEC B
 Sophomore Junior Senior
 2.35
 Information meeting 2/24/99 location and time announced later
 Sign-ups released: 1/11/99
 Schedule closed for sign-ups 2/17/99

02/25/99 12:00:00 AM
Unigraphics Solutions
 Maryland Heights, Mo
 CMPS B MECH B
 Sophomore Junior Senior
 2.7
 Sign-ups released: 2/1/99
 Schedule closed for sign-ups 2/19/99
 start 1st co-op work session Summer 99 and or Fall 99

02/26/99 12:00:00 AM
Adtran, Inc.
 Huntsville, Alabama
 ELEC B CMPE B CMPE M
 CMPS B CMPS M ELEC M
 Freshman Sophomore Junior Senior Grad Stu.
 2.95
 Information meeting: 2/25/98 6pm - UCE 211 Meramec
 Sign-ups released: 2/1/99
 Schedule closed for sign-ups 2/18/99
 start 1st co-op work session May/June 1999, August 1999, January 2000

03/01/99 12:00:00 AM
Magnum Technologies
 Fairview Heights, IL
 CMPS B ELEC B
 Sophomore Junior
 2.0
 Sign-ups open: 1/14/99
 Schedule closed for sign-ups 2/15/99
 start 1st co-op work session MAY 1999 and/or August 1999
 www.magnumtech.com

03/02/99 12:00:00 AM

American Airlines

ELEC B	MECH B	MET B
Sophomore	2.45	

Sign-ups released: 1/11/99
 SCHEDULE CLOSED FOR SIGN-UPS 2/17/99
 START 1ST CO-OP WORK SESSION May/June 1999

03/02/99 12:00:00 AM

Anh-Busch - Engr&Design-CE

CIVIL B		
Sophomore Junior	Senior	2.0

Information meeting: 3/1/99 - location announced later
 Schedule open for sign-ups - 1/22/99
 Schedule closed for sign-ups 2/12/99 8am
 WORK SESSION Summer/Fall 1999
 job descriptions available at the Co-op Office, - look for job description #188

03/02/99 12:00:00 AM

Anh-Busch-Power&Controls

CMPS B	ELEC B	CMPE B
Sophomore Junior	Senior	2.0

Pre-recruitment meeting 3/1/99 - location announced later
 Sign-ups released: 1/22/99
 Schedule closed for sign-ups - 2/12/99 8am
 WORK SESSION Summer/Fall 1999
 Look for JOB DESCRIPTION #33 - AVAILABLE AT THE CO-OP OFFICE.

03/02/99 12:00:00 AM

Anh-Busch-Project Management Group

St. Louis, MO	ELEC B	MECH B
CIVIL B		
CHE B	EMAN B	
Sophomore Junior	Senior	2.0

Pre-recruitment meeting 3/1/99 - location announced later
 Sign-ups released: 1/22/99
 Schedule closed for sign-ups 2/12/99 8am
 PICK UP # 158 JOB DESCRIPTION AT THE CO-OP OFFICE
 work session summer/fall 1999

03/02/99 12:00:00 AM

Anh-Busch-Estim Group

St. Louis, MO	EMAN B	MECH B
CIVIL B		
Sophomore Junior	Senior	2.0

Pre-Recruitment Meeting 3/1/99 - location announced later
 Sign-ups released: 1/22/99 Schedule closed for sign-ups 2/12/99 8am
 JOB DESCRIPTIONS AVAILABLE AT THE CO-OP OFFICE.
 Look for job description #15 work session summer/fall 1999

03/02/99 12:00:00 AM

Anh-Busch-Mfg Systems Gro

St. Louis, Mo		
CMPS B	MGTS B	ELEC B
Sophomore Junior	Senior	2.0

Pre-recruitment meeting 3/1/99 - location announced later
 Sign-ups released: 1/22/99
 Schedule closed for sign-ups 2/12/99 8am
 Job Descriptions available at the Co-op Office - look for job description 86 work session Summer/Fall 1999

03/02/99 12:00:00 AM

Anh-Busch-Project Engineering Group

CHE B		
MECH B		
Sophomore Junior	Senior	2.0

Pre-recruitment meeting 3-1-99 - location announced later
 Sign-ups released: 1/22/99
 SCHEDULE CLOSED FOR SIGN-UPS 2/12/99 8am
 PICK UP JOB DESCRIPTION #65 AT THE CO-OP OFFICE START 1ST CO-OP WORK SESSION Summer/Fall 1999

03/03/99 12:00:00 AM

Emerson Electric Appliance Mtr Co.

ELEC B	MECH B	
Sophomore Junior	Senior	2.75

Sign-ups released: 1/11/99
 Signups closed 2/17/99

03/04/99 12:00:00 AM

Baxter Healthcare

CHE B	ELEC B	EMAN B
MECH B	CHEM B	
Sophomore Junior	Senior	2.7

Information meeting: 3/3/99 - 6pm UCE Meramec room
 Sign-ups released: 1/11/99
 Schedule closed for sign-ups 2/17/99
 START 1ST CO-OP WORK session May/June 99 and or August 99

03/04/99 12:00:00 AM

Dana Corporation

Columbia, MO		
MECH B		
Junior	Senior	2.95

US/Perm Only
 Sign-ups released: 1/11/99
 Schedule closed for sign-ups 2/15/99
 start 1st co-op work session August 1999 or January 2000

03/04/99 12:00:00 AM

Huffman Engineering

ELEC B	MECH B	
Sophomore	Junior	2.95

Sign-ups released: 1/11/99
 Schedule closed for sign-ups 2/15/99
 start 1st co-op work session May/June 99

03/04/99 12:00:00 AM

Kimberly-Clark Corporation

ELEC B	MECH B	
Junior	Senior	2.75

US/Perm Only
 Information meeting 3/3/99 7pm -UCE Meramec room
 Sign-ups released 1/11/99
 Schedule closed for sign-ups 2/15/99

03/08/99 12:00:00 AM

Design Nine Inc.

St. Louis, MO		
CIVIL B		
Sophomore Junior		2.45

Sign-ups posted 1/11/99
 Schedule closed for sign-ups 2/24/99
 Start 1st co-op work session August 1999
 prefer experience in autocad and/or surveying

03/08/99 12:00:00 AM

Dow Corning Corporation

Midland, Michigan and Carrollton, Kentucky		
ELEC B		
Freshman	Sophomore Junior	2.75

US/Perm Only
 changed interview date to March 8 and 9th.
 Sign-ups released 1/11/99
 Schedule closed for sign-ups 2/17/99
 start June 1999 /August 1999

03/08/99 12:00:00 AM

Empire District Electric Co.

Joplin, MO		
CIVIL B	ELEC B	
Junior	2.7	

Sign-ups released 1-19-99
 Schedule closed for sign-ups: 2/17/99
 Start 1st co-op work session May/June 1999
 03/09/99 12:00:00 AM

ABB Power T&D Co.

ELEC B	EMAN B	MECH B
Sophomore Junior	Senior	
2.65		

1 hour interviews
 Sign-ups released: 1/11/99
 SCHEDULE CLOSED FOR SIGN-UPS 2/24/99
 START 1ST CO-OP WORK SESSION May/June 1999

03/09/99 12:00:00 AM

City of St. Louis

CIVIL B		
Junior	Senior	
2.45		

US/Perm Only
 Sign-ups released 2/1/99
 Sign-ups closed: 3/3/99
 start 1st co-op work session May/June 99, August 99 or January 2000

03/09/99 12:00:00 AM

Dana Corporation-Perfect Circle Sealed Power

St. Louis, MO (Manchester Mo Plant)		
MECH B		
Sophomore Junior		
2.0		

Sign-ups released 2/8/99
 SCHEDULE CLOSED FOR SIGN-UPS 3/3/99
 START 1ST CO-OP WORK SESSION August 1999

03/09/99 12:00:00 AM

Deere - Davenport Works

Possibly any Deere unit in the USELEC B		
MECH B	MET B	
Freshman	Sophomore	
2.65		

US/Perm Only
 Information meeting: 3/8 6pm, location announced later
 Sign-ups released: 9/8/98 Scheduled closed for sign-ups 9/21/98
 Must be able to work 3 or more work sessions

03/09/99 12:00:00 AM

Paulo Products

St. Louis, MO		
MET B		
Sophomore Junior	Senior	
2.0		

Sign-ups released: 2/8/99
 Schedule closed for sign-ups 3/1/99
 START 1ST CO-OP WORK SESSION AUGUST 1999
 www.paulo-us.com

03/16/99 12:00:00 AM

Advanced Circuitry Div-Litton Sys.

CHE B	MECH B	CMPS B
Junior		
Senior	2.45	

Sign-ups released: 2/8/99
 SCHEDULE CLOSED FOR SIGN-UPS 3/10/99
 TITLE - ENGINEERING ASSISTANT
 webpage address - littonacdipec.com
 START 1ST CO-OP WORK SESSION May/June 99 and or August 99

Financial Aid

AMERICAN ELECTRO-PLATERS AND SURFACE FINISHER SOCIETY

The American Electroplaters and Surface Finishers Society offers scholarships to upper class undergraduate and graduate students who are interested in careers in the surface finishing field.

REQUIREMENTS:

Undergraduate students must be studying in metallurgy, metallurgical engineering, materials science or engineering, chemistry, chemical engineering, or environmental engineering

Selection factors include achievement, scholarship potential, motivation and interest in the finish-

ing technologies

Must be a full-time student during the academic year the scholarship is received Financial need is not a factor.

Application available in the Student Financial Assistance Office, G-1 Parker Hall Application deadline is April 15, 1999

AMERICAN CHEMICAL SOCIETY SCHOLARS PROGRAM, ACS/PPG SCHOLARSHIP PLUS PROGRAM

ELIGIBILITY

To qualify, candidates must be: African American, Hispanic/Latino, or American Indian; a U.S. citizen or permanent resident of the

U.S.; a full-time student at an accredited college, university, or community college; high academic achievers in chemistry or science; (chemistry, biochemistry, chemical Engineering or other chemically related fields or toxicology) able to demonstrate evidence of financial need according to FAFSA form (Free Application for Federal Student Aid).

For the ACS SCHOLARS PROGRAM - be a high school senior, or college freshman, sophomore or junior intending to or already majoring in chemistry, biochemistry, chemical engineering or a chemically-related science and planning a career in the chemical sciences or chemical technology;

For the ACS/PPG SCHOLARS PLU PROGRAM - be a high school senior from one of the following locations entering a four-undergraduate program intending to major in chemistry or chemical engineering: Lake Charles, Louisiana; Natrium or New Martinsville, West Virginia; Pittsburgh, Pennsylvania; Cleveland, Ohio; Shelby and Lexington, North Carolina; Oak Creek, Wisconsin; and Houston, Texas.

Applications available in the Student Financial Assistance Office, G-1 Parker Hall or Chemical Society Web Site at: <http://www.acs.org>. Applications must be postmarked by: February 15, 1999.

CURRENT UNDERGRAD STUDENTS

Applicants for the following scholarships must be full-time students enrolled in a manufacturing engineering, manufacturing engineering technology, or a closely related field study at an accredited college or university.

Caterpillar Scholars Fund - supports five scholarships of \$2,000 each for students enrolled in manufacturing engineering programs. Minority applicants may apply. Incoming freshmen. Applicants must have an overall minimum GPA on a 4.0 scale.

Lucille B. Kaufman

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Forum

Forum page 1

Scott gathers that these programs help. "They have definitely been effective, but we have a long way to go."

It seems that participation is also a problem in the events that are put on by organizations. Joyce Smith, a student at the forum, said, "We do a lot of things, but they often go unnoticed."

Shauna Oppert, the Intercultural Chair of Student Council, agrees. The events are not well attended, and it's difficult to get people to come."

Smith says that the programs sometimes do not help after the event is over. "When I say hello to someone I saw at the diversity retreat, they don't respond."

This, as well as other problems, is what the Cultural Center is dealing with. An example is an incident at a Miner guys' soccer game last semester. According to Oppert, four or five students attending the game shouted racial slurs at the opposing team. A letter written by a concerned parent

was sent to organizations and staff, including the NAACP and Mark Mullin, the UMR athletic director.

In order to deal with dilemmas such as this, intercultural organizations, as well as Student Council, are working to promote better racial awareness. Student Council is working on a diversity workshop in which trained facilitators will encourage students of all backgrounds to join together. The workshop will be split over two days, Feb. 5 and Feb. 12 from 2:30-6 p.m. In addition, the Cultural Center is holding an event called Dinner to Jazz in which Max Groove will be performing.

Oppert thinks that these events will help. "The problem is getting better, but people need to see that there are many small steps to a large goal. It takes time to see things improve."

On an individual level, Scott thinks that many problems can be overcome. "Do not be afraid to reach out and get to know someone unlike yourself. Remember, you don't have to stay at an event if you don't like it. But, how do you know you won't like it if you don't try it?"

Awards

from page 1

entire departments for this kind of stuff."

The University's Web site (<http://www.umar.edu>) is managed jointly by the Department of Computing and Information Services (CIS) and the Office of Public Relations. The Web page is expected to be updated yearly, with a new version coming out at the end of this semester. Oldfield said of the Web page, "The Navigation will be similar, but the look and feel will be completely different."

The Department of Admissions was recognized in the category of Best Solution to a Communications Challenge for its use of e-mail in the

recruitment of new students. Careaga said, "This is really innovative for a college to use IM (Instant Messaging) with high school students."

Since this program was started only last year, there are no statistics to show if it is more effective than traditional recruitment methods.

The third award was for the various academic departments that have academies to honor outstanding alumni. The UMR Development Department along with the Chemical, Civil, Electrical, and Mechanical Engineering Departments as well as the Department of Mines and Metallurgy coordinates the Academies.

Careaga expressed excitement about what awards UMR might win at next year's banquet, which will be held in St. Louis on January 8-11.

Are you interested in working on the paper? The Missouri Miner needs writers. Email us at miner@umar.edu

KMNR

From page 9

phone and piano by bassist Jason Wickersheim gives the mellower portions of songs like "Stars" and "The Last Ring" an extra dimension.

In times when genuine sincerity is lost through over-production, Applesed Cast deliver an honest record beckoning you to enter a world where inner pain can be confronted. Fans of bands such as Mineral and Sunny Day Real Estate take note, Applesed Cast will be sure to please. Those impressed by the mainstream likes of Matchbox 20, Eve 6 or Goo Goo Dolls - take a listen to the sound of uncompromised, sincere, emotional rock and roll. Applesed Cast will perform live on-air at KMNR on Tuesday, February 2 at 4:00 p.m.; tune in, listen, and decide for yourself. You can check out music similar to and including Applesed Cast during the following: Missy (Sun. Midnight-3 a.m.), Amy (Tue. 2:30-5:30 p.m.), Josh (Wed. 2:30 p.m.-5:30 p.m.), or John (Thu. 8:30 a.m.-11:30 a.m.).

Scholarship - Fund-supports one scholarship of \$1,000 for a female student enrolled in a manufacturing engineering or technology program. Applicants must have an overall minimum GPA of 3.5 on a 4.0 scale.

Wayne Kay Co-Op Scholarship-provides two scholarships of \$2,500 each for students enrolled in a manufacturing engineering or manufacturing engineering technology co-op program. Applicants must have an overall minimum GPA of 3.5 on a 4.0 scale.

Wayne Kay Scholarship Fund-supports ten scholarships of \$2,500 each for students enrolled in a manufacturing engineering or manufacturing engineering technology program. Applicants must have an overall minimum GPA of 3.5 on a 4.0 scale.

St. Louis Chapter 17 Scholarship Fund-supports five scholarships of \$1,000 each for students enrolled in manufacturing engineering, industrial technology, or other manufacturing related programs. Applicants must attend one of the approved schools with an SME Student Chapter sponsored by St. Louis Chapter 17 and have an overall minimum GPA of 3.0 on a 4.0 scale.

Myrtle and Earl Walker Scholarship Fund-supports 20 scholarships of \$1,000 each for students enrolled in a manufacturing engineering or manufacturing engineering technology program. Applicants must have an overall minimum GPA of 3.5 on a 4.0 scale.

GRADUATE STUDENTS

Applicants for the following fellowship must be accepted into a graduate program for a Masters or Doctorate degree, have proven scholastic ability, exemplary character and leadership capability, and have demonstrated the potential for future leadership in the profession.

Wayne Kay Graduate Fellowship-provides fellowships of \$4,000

to \$12,000 each for graduate students seeking a Masters or Doctorate degree and faculty seeking a Doctorate degree. Applicants must be accepted in a graduate program for manufacturing engineering or industrial engineering. Graduate students will not be funded beyond the first post-master year. Applicants must have an overall minimum GPA of 3.5 on a 4.0 scale.

SCHOLARSHIPS IN ENGINEERING 1998/1999 JOINT ENGINEERING COUNCIL OF GREATER KANSAS CITY

American Institute of Chemical Engineers (AIChE)

The scholarship of approximately \$2,000/year is awarded to deserving Chemical Engineering majors from the Kansas City area. (Not given every year.)

For more information contact: Dr. Marylee Southard, Chemical & Petroleum Eng. Dept., University of Kansas, 4006 Learned, Lawrence, KS 66045, phone: 785-864-3868 or marylee@ukans.edu.

American Society for Quality (ASQ) The ASQ Kansas

City Section 1301 will award three \$1000 scholarships in 1999. The purpose is to promote education in the quality sciences and encourage careers in the quality profession. Qualification Criteria: Be enrolled in an eligible college as a full-time or part-time student; minimum GPA of 2.75; be sponsored by a Kansas City Section member. Application Deadline: March 21, 1999. For more information contact: Joyce Neal, 13905 North 110th Terrace, Lenexa, KS 66215, phone: 816-997-4188.

Engineers Club of Kansas City (EC) The Engineers club was founded as an organization dedicated to assisting those persons wishing to pursue a career in engineering. The EC's Student Assistance Fund (SAF) provides up to \$1,000 in financial assistance to Kansas City area students enrolling or

enrolled in an accredited engineering curriculum. The SAF service area includes the following counties Cass, Clay, Jackson, Platte, and Ray in Missouri; and Johnson, Leavenworth and Wyandotte in Kansas. Financial assistance is offered primarily in the form of grants. Qualification Criteria: Financial need, accredited engineering curriculum, GPA, and progress towards degree. Application Deadline: June 1st. For more information contact: John Frerking, Burns & McDonnell, 9400 Ward Parkway, Kansas City, MO 64114, Phone: 816-822-3347.

Mid-West Concrete Industry Board (MCIB) The fund is an endowment fund that will provide financial assistance to college engineering students pursuing a Bachelor of Science or higher degree that includes concrete and concrete design courses as an integral part of their degree program. Applicant's permanent residence must be in Kansas or Missouri within a 150 mile radius of the Kansas/Missouri state line at highway 135. Qualification Criteria: Financial need, academic achievement, curriculum, growth, character, leadership capacity and career interest. Application Deadline: April 30th. For more information contact: The Mid-West Concrete Industry Board, Inc., Jim Thompson, P.O. Box 6085, Shawnee Mission, KS 66206, phone: 913-681-2219.

Society of Women Engineers (SWE) SWE offers two \$500 scholarships to new, current, and returning students who will be enrolling in an approved engineering college curriculum. Qualification Criteria: Female, ABET accredited schools, engineering discipline, essay. Application Deadline: March 15th. For more information contact: Marie Vanderpool, SWE Scholarship Chair, phone 816-983-3125, e-mail: marie.j.vanderpool@usace.army.mil

DEPARTMENT OF ELEMENTARY & SECONDARY EDUCATION MISSOURI TEACHER EDUCATION SCHOLARSHIP REQUIREMENTS: Be a Missouri resident. Be a high school senior, freshmen or sophomore at a community or four year college or university in Missouri (with not more than 60 college credit hours). Rank in the top 15% of their high school class or score in the top 15 national percentile on an

ACT or SAT examination. Submit a completed application packet by: February 16, 1999. Application packets available in the Student Financial Assistance Office, G-1 Parker Hall.

THE NINETY-NINES, INC. GREATER ST. LOUIS CHAPTER ADELA RIEK SCHARR SCHOLARSHIP FUND

REQUIREMENTS: Be currently enrolled full-time in an accredited institution of higher learning and be actively seeking a degree in an aviation related career field. Academic programs may be in Engineering, Sciences, Liberal Arts, Business, as well as flight or aircraft maintenance training. Determination of the relationship of the applicant's career plans to aviation if part of the selection process. Have successfully completed a minimum of one (1) year in this academic program with an average grade of "C" or higher. Applications available in the Student Financial Assistance Office, G-1 Parker Hall. Complete application must be returned postmarked by: February 1, 1999.

ROY M. MCBRIDE SCHOLARSHIP/LOAN, GRIMM SCHOLARSHIP, GENERAL MOTORS SCHOLARSHIP

Qualifications are that recipients shall be juniors or seniors who are progressing satisfactorily toward a baccalaureate degree in engineering and

shall be persons of good character, high integrity, and common sense of applied engineering. A cumulative GPA of 3.00 is a reasonable cut-off for selection of scholarship recipients. Recipients must also have financial need. Students who received an award this year will need to reapply to be considered for a 1999/2000 award. The same application process and form will be used to select recipients of the C.J. Grimm scholarship as the requirements are quite similar. The Grimm Scholarship requires that students be in the upper one fourth of their class and financial need is not to be considered. Funds also available from General Motors, same application form will be used for that scholarship. Applications available in the Student Financial Assistance Office, G-1 Parker Hall. Applications must be submitted by: February 1, 1999.

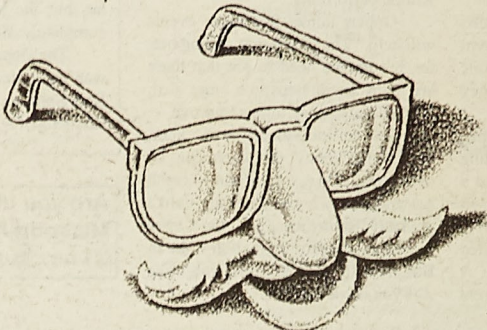
CHRYSLER ANNOUNCES NEW SCHOLARSHIP PROGRAM

With an eye toward assisting outstanding college bound students, Chrysler Corporation recently awarded 1,000 grants to 40 recipients through its new Junior Golf Scholarship Program. Even though the majority of the winners play golf, all selections were made based upon their academic and extracurricular effort. For more information on this exciting program call 1-800-856-0764.

Do you want to write for the Miner?

Then send an email to miner@umar.edu

Calendar Of Events

27 Today	28 Thursday	29 Friday	30 Saturday	31 Sunday
6:00 p.m. - MSM Spelunkers Club, McNutt 204 7:00 p.m. - Tau Beta Sigma, McNutt 206 8:00 p.m. - Kappa Kappa Psi, ChE 125	All Day - Sigma Pi rush table, Puck All Day - Christian Campus Fellowship question box, Breezeway 6:00 p.m. - Christian Campus Fellowship, EE G-31 6:30 p.m. - Student Association of Management Systems meeting, 107 Harris Hall 8:00 p.m. - Society of All Paths info forum, Mark Twain room, UCE 8:00 p.m. - St. Pats Celebration committee, ME Annex 107C, except 12-3 8:00 p.m. - Solar Car Team meetings, 102 E Mgt 8:00 p.m. - Academic Competition practice, CE 313	All Day - Sigma Pi rush table, Puck All Day - Christian Campus Fellowship question box, Breezeway 7:00 p.m. - Show Me Anime, McN 204 7:00 p.m. - SUB film, Arachnophobia, ME 104	All Day - Christian Campus Fellowship question box, Breezeway 12:00 p.m. - Society of Women Engineers, Missouri room, UCE 7:00 p.m. - SUB film, Arachnophobia, ME 104	All Day - Christian Campus Fellowship question box, Breezeway 5:00 p.m. - Delta Sigma Theta Sorority rush, Mark Twain room, UCE 7:00 p.m. - Christian Campus Fellowship worship service; ME 104
1 Monday	2 Tuesday			
All Day - Christian Campus Fellowship question box, Breezeway 7:00 p.m. - National Society of Black Engineers meetings, EM 103 8:00 p.m. - Academic Competition practice, CE 313	All Day - Christian Campus Fellowship question box, Breezeway 5:30 p.m. - IFC meetings, McN 216 6:00 p.m. - Panhellenic Council meetings, McN 206	6:00 p.m. - Solar Car Team design meetings, E Mgt 104 6:00 p.m. - Society of Women Engineers, McN 204 6:00 p.m. - History Club, HSS G-5 6:30 p.m. - Student Council, Missouri room, UCE		

All organizational meeting times and places are provided by the Student Activity Center, 218 UCW. Please send all changes to the aforementioned office.



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Expires 03/15/99

Computing and Information Services

114 Computer Science
341-4841
www.umar.edu/~cis

Our mission is to provide leadership in the development and delivery of computing and information technology for instruction, research, administration, and outreach.



Services

- HelpDesk** www.umar.edu/helpdesk
Consult us for assistance on using the different computing systems at UMR. Get in touch with us at CS 116, 341-4357, or helpdesk@umar.edu.
- Short Courses** www.umar.edu/~cis/training
Short, hands-on training sessions on Unix, email, the Internet & more.
- Reference Center** www.umar.edu/~cchtml/refcenter
Online document and reference center; user manuals; how-to-guides.
- CLCs** www.umar.edu/~hdhtml/clc
Computer Learning Centers have various computing equipment.



February 3, 1999

Student

by Allan Annaert
News Writer

Student Council (S) is considering a reorganization to become more efficient. The primary plan, in the initial stages, is representatives elected to StuCo President K explained this plan, "R five per cent of the student residence halls, twenty live in Greek houses, and off-campus. So a quarter members will come from the house from off-campus."

In order to determine sit in on StuCo meetingence Hall Association charge of filling the slots for the halls. This does only members of R allowed to be on StuCo would be in charge of halls' representatives. nity and Panhellenic be charged with electing representatives.

"Electing from still a hang-up," said might be determined

Burle rec

by Tracia West

News Writer

Last Tuesday, a was set for Edward D. former junior-level nu



Edward Burle, a with murder, att the Phelps Co

ing student at UMR, charged with second and armed criminal alleged shooting of C Burle's prelim held Tuesday, Janu Warren from Pulask