



29 Sep 1993

## The Missouri Miner, September 29, 1993

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# Missouri Miner



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

September, 29 1993

Volume 83, Number 6

Twenty Eight pages

## Billions in potential scholarships go unclaimed each year



Prentice-Hall  
SOURCE

Experts say you should start saving for college when your child is born, but for parents now facing tuition, fees, room and board, books, supplies and transportation expenses there's good news! There are private-sector scholarships containing over \$6 billion dollars of funding just waiting to be claimed.

The latest edition of the bestselling directory, THE SCHOLARSHIPBOOK, fourth edition, by Daniel J. Cassidy, has just been published. This ultimate directory to thousands of scholarships covering every major field of study, lists private-sector scholarships, grants, loans, internships, and contest prizes available for under graduate study in the United States.

More than 65% of the available scholarships, fellowships, grants and loans are from awards themselves. The National Commission on Student Financial Assistance, a U.S. Congressional Subcommittee, found only \$400 million of the more than \$7 billion available to students was used! Some \$6.6 billion went unclaimed, not because people were unqualified but because they didn't know where to look.

Most of these funds are not reserved for brilliant or financially destitute applicants...aon't think students can't apply because their parents earn too much money. 80% of the private-sector does not require a financial statement or proof of need. In addition, application deadlines don't occur only in the fall, but often are set to coincide with the tax year, or organizational meeting dates. It's also encouraging to know that grades are not the only consideration for an award, many application questions deal with personal, occupational, and educational, background, organizational affiliation, talent or ethnic origins. Age isn't even a factor...14% of all college students are over 25, and many organizations are interested in reentry, mid-career students. The Business and Professional Woman's Foundation awards hundreds of scholarships to applicants older than 25, even 35. There's even a scholarship at the California state colleges for students over 60. Just for fun...Here's a potpourri of scholarships included:

1. If you're a Mexican American between the ages of 17 and 22 and live in the Golden State, you might strike it rich with a \$1,500 Vikki Carr Scholarship.
2. Your tuition troubles could be gone with the wind! If you're a lineal descendant of a worthy Confederate soldier, contact the United Daughters

see Money, page 22

## Mine rescue team in contest

ROLLA, Mo. — A mine rescue team of six mining engineering students from the University of Missouri-Rolla will take part in the 11th annual Mine Rescue contest at UMR's Experimental Mine Research Facility Thursday and Friday, Oct. 7-8.

The students are: Chris Blair (team captain) of Steelville, Mo., a sophomore; Chris Upp of Springfield, Mo., a sophomore; Chance Allen of Springfield, Mo., a junior; Pamela Walk of Maryville, Mo., a sophomore; Lland Watson of Rolla, a junior; and Daphne Place of Belleville, Ill., a sophomore.

"UMR is the only university in the united states that has a mine rescue team, and that competes against professional mine rescue

see Mine, page 22

## UMR student honored in hydro contest



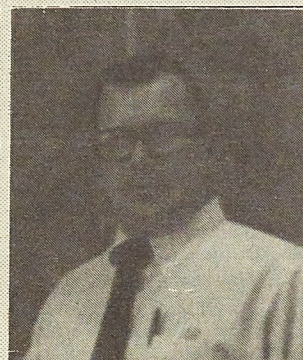
News Service  
SOURCE

A small water turbine designed and built by graduate student Glenn D. Lloyd, from the University of Missouri-Rolla, placed third in the student division graduate class of the 1993 Hydro Power Contest held recently in Nashville.

The third place finish earned Lloyd, a continuing education graduate student, a \$250 cash prize.

The primary aim of the contest, held during the Waterpower '93 Conference August 10-13, was to stimulate and broaden interest in hydropower as a clean, renewable, and environmentally sound way of generating electricity. More than 30 individuals from throughout North America competed in the contest.

Entrants built devices that would convert a specific water flow into power—enough to lift a 1-kilogram weight 3 meters. The contestants whose devices lifted the weight



Glenn Lloyd wins at Waterpower Con '93.

the fastest (measured in tenths of a second) were used to move the weight. In this division, the entry using the least amount of water was declared the winner.

Lloyd, a career Army Corps of Engineers man, holds a masters degree in civil engineering and is studying for his doctorate degree in civil engineering. He said that the contest is an "excellent example of how to apply hydraulic theory to mechanical reality."

A team from the University of Nebraska-Lincoln comprised of Kent Cordes, Joe Baxter, and Michael Drain won first in the graduate class. Second place went to David Hibbs from the University of Minnesota. In the undergraduate class, Guy Eakins from the University of Missouri-Rolla placed first, Eric Nelson from San Diego State University took second, and Jason Phillips from the University of Utah won third. First place prizes for students were a \$2,500 scholarship from the Department of Energy, \$1,000 cash, and a Hewlett-Packard 48GX scientific calculator.

Matthew Gass, Hetch Hetchy Water & Power in Moccasin, Calif., took first place in the open division general class and pro division (reserved for '91 contest winners). In the unrestricted class, Greg Romelfanger, also of Hetch Hetchy, took the top prize. First place honors in the efficiency division went to Stuart Higgs and his grandson Josiah "Cub" Higgs, Yreks, California.

see Hydro, page 22

## Sexual harassment seminar to be offered



News Service  
SOURCE

The Office of the Chancellor, Human Resource Services and Affirmative Action and Equal Opportunity will sponsor "Sexual Harassment, Managing Ambiguity & Conflict" on October 6 & 7 1993, in the Mark Twain Room — University Center East.

The program will be presented by Barry Shapiro of Barry Shapiro & Associates which is one of the country's leading consulting and training firms specializing in Sexual Harassment Prevention, Managing Diversity Successfully, and Equal Employment

Opportunity/Affirmative Action. The firm challenges attitudes in the workplace towards women, ethnic, and racial minorities. Their services provide skills-based training to change discriminatory behavior and offer positive alternatives that advance equity in American business and government.

As an internationally-recognized authority on men's and women's relations, Mr. Shapiro is cited in scores of books and articles and was called upon by the media during the Charence Thomas-Anita Hill hearings in 1991.

Some of the training topics that will be covered are: definitions of sexual harassment, how to anticipate problems, how to recognize sexual harassment, how to avoid it, provide

appropriate remedies, effective procedures of prevention, why victims don't complain, how to monitor the workplace, how to counsel victims, employers liabilities, case histories, legal updates & landmark decisions.

The schedules are listed below. Please call Joyce at 4920 to register your attendance.

Session I Faculty: October 6, 1993, 8:30 a.m. to 12:00 p.m.

Session II Student Leaders & Staff Supervisors: October 6, 1993, 1:00 p.m. to 4:30 p.m.

Session III Administrators: October 7, 1993, 8:30 a.m. to 12:00 p.m.

Session IV Administrators: October 7, 1993, 1:00 p.m. to 4:30 p.m.



# What's Up at UMR

## Wednesday

3:30 pm Faculty Intro to Macintosh on Campus Network I/M/CS 104

5:00 pm UMR women's soccer, Drury College, at Springfield

5:00 pm Student Activity fee Board Mtg., Walnut

6:00 pm MSM Spelunkers Club Mtg., 204 McNutt

7:00 pm Homecoming Committee Mtg.

7:00 pm Homecoming Committee Mtg., 105 ME

7:30 pm Kappa Kappa Psi Mtg., 321 Chem. Eng.

7:30 pm Tau Beta Sigma Mtg., 315 Chem. Eng.

7:30 pm Rolla Night at the Engineers' Club, St. Louis. Contact 341-4151

7:30 pm American Society of Quality Control Emgt 201

7:30 pm UMR men's soccer, Drury College, at Springfield

8:00 pm Campus Performing Arts Series presents The Guild Trio, Leach Theatre, Castleman Hall.

8:00 pm College Republicans Mtg., 205 H-SS

9pm Arnold Air Society Mtg., 208 Harris

## Thursday

Homecoming (Classes as usual)

11:30 am Civil Engineering Graduate Seminar Series, Sanjeev Kumar and Jennifer Jung, Room 114 CE

12:30 pm Civil Engineering Graduate Seminar, Graham Sutherland III, Room 114 CE

12:30 pm Newman Scripture

4:45 pm Toastmasters Mtg., Missouri

7:30 pm Rolla Night at the Engineers' Club, St. Louis. Contact 341-4151

7:30 pm Lutheran Student Center Bible study, 7:30 pm

8 pm St. Pat's Committee Mtg., 107C ME Annex

## Friday

Homecoming (Classes as usual)

UMR men's cross country, Notre Dame Invitational, time to be announced, at South Bend, Ind.

12:00 pm The UMR Hispanic Cultural Committee, Minority Engineering Program and the Society of Hispanic Professional Engineers sponsor a luncheon. For reservations call 341-4208 on or before Sept. 27.

12:30 pm UMR Student Union Board games, mall north, UCW

1-2 pm Homecoming Weekend short course, James Bogan, "Up the Amazon with a Paddle," location to be announced

1:30-4 pm Homecoming Weekend short course, Chris Ramsay and Don Askeland, "Foundry Lab 101," location to be announced

1:30 pm Homecoming Weekend Alumni and Student Golf Tournament, UMR Golf Course. to register call 341-4220

2:30-4:30 pm Homecoming Weekend short course, Henry Wiebe and Greg McClain, "Total Quality Management," location to be announced

2:30-4:30 pm Homecoming Weekend short course, Jack Morgan, "Two Missouri Civil War Figures: Nathaniel Lyon and Williams Sweeney," location to be announced

3:30 pm Trap & Skeet Mtg., T-2 Bldg.

4 pm Physics Colloquium, Richard Slusher, "Microlasers," Room 104 Physics

5 pm UMR Alumni baseball-hitting contest, UMR baseball field

5:30-8 pm Silver and Gold Reunion Reception, Centennial Hall, UCE.

6:30 pm Show-Me Anime Mtg., 212 McNutt

## Saturday

Homecoming (Classes as usual)

7:30-9:30 am Centennial Hall, All-alumni breakfast buffet. Call 341-4145

8:30-9:30 am Homecoming Weekend short course, Madison Daily, "Special Demonstration: The ATC Classroom, Classroom of the Future," location to be announced

9:30-10:30 am Homecoming weekend short course, Catherine Riordan, "Management Systems: What do UMR Grads Need to Know and Be Able to Do?" location to be announced

10 am UMR women's cross country, Loyola Lakefront Invitational, at Chicago, Ill.

10 am UMR Alumni baseball game, UMR baseball field

11:30 am Fieldhouse Feed Reunion "Tailgate" Luncheon, Gale Bullman Multi-Purpose Building. Contact 341-4145

12 pm Gaming Association Gaming, 212 McNutt

1:30 pm UMR Miner football, Homecoming game, Southwest Baptist University, Jackling Field

1:30 pm UMR men's soccer, Rockhurst College

3:30 pm UMR women's soccer, Rockhurst College, at Kansas City

4 pm Admission Ambassadors Workshop, Mark Twain Room, UCE

7 pm Alumni Awards Banquet, Centennial Hall, UCE

3 and 7 pm Joe Skruggs in concert featuring songs and puppetry. Leach Theatre, Castleman Hall

9 pm MSM-UMR Alumni Association Annual Meeting, Centennial Hall, UCE

## Sunday

8 am Order of the Golden Shilleagh Brunch, Carver-Turner Room, UCE

1 pm UMR Advisory Committee for African-American Recruitment and Retention meeting, Silver and Golden Room, UCE

6:30 pm Voices of Inspiration Mtg., TJ South

9 pm Blue Sabres Mtg.,

## Monday

12 pm University Orators Chapter of Toastmaster International meets, Missouri Room, UCE. Contact 341-4117

4:30 pm Chemistry seminar, Donald J. Dahm, "Near Infra-Red Spectroscopy: Oversold and Underutilized," G-3 Schrenk Hall

7:30 pm Alcoholics Anonymous Mtg., Walnut

Last day for dropping courses without showing as withdrawn on transcript

Last day to change to hearer status

## Tuesday

11:30-3:30 pm Live Interactive Satellite Seminar, "Turning Recyclables Into New Products," sponsored by the U. S. Environmental protection Agency, Ozark Rivers Solid Waste District Board and the Small Business Administration, Room 103 Engineering Management Bldg.

3:30 pm Computer Science Graduate Seminar Series, Lenore Mullin, "The Psi calculus: An Algebra of Multidimensional Arrays," Room 209/209A Math-Computer Science

3:30 pm Geological Seminar, Ray Herzog, "Role of the Geological Engineer in Hazardous Waste Project Work," Room 204 McNutt

6:30 pm Interfraternity Council Mtg., 216 McNutt

7 pm UMR Fall Film Series, "Enchanted April," Miles Auditorium, Mechanical Engineering Building

8 pm Chi Alpha Mtg., Missouri

8 pm Koinonia Mtg., 305 Chem. Eng.

## Next Wednesday

3 pm UMR women's soccer, Westminster College, at Fulton

5 pm UMR men's soccer, Westminster College, at Fulton

8 pm UMR Student Union Board presents "Hot, Sexy and Safe," Leach theatre, Castleman Hall. Contact 341-4220

## Financial Aid

### ROLLA AREA BUSINESS AND PROFESSIONAL WOMEN SCHOLARSHIPS

The Rolla Area Business and Professional Women's Club is offering two scholarships of \$500.00 to women enrolled for the 1994 Spring semester. The scholarship is designed to encourage women to advance their career goals through continuing education — whether they are currently pursuing a degree, returning to the work

force after a long-term absence, or are in the process of changing careers.

### ELIGIBILITY REQUIREMENTS

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

At least 25 years of age.

Enrolled at an accredited educational institution.

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

Applications available in the Student financial Aid Office, G-1 Parker Hall

Application must be received by the Scholarship Selection Committee no later than SEPTEMBER 30, 1993.

### PETER D. COURTOIS CONCRETE CONSTRUCTION SCHOLARSHIPS

Two \$1,000 (U.S.) awards are available through the ACI Concrete Research and Education Foundation (Con REF) for undergraduate study in concrete construction for the 1994-95 academic year.

### REQUIREMENTS:

See Aid page 19

## Missouri Miner

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

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

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

Submissions for publication must be in our drop box (first floor of the Norwood Hall, Room 103) by 3:30 p.m. on the Thursday before publication. The *Missouri Miner* reserves the right to edit all submissions for style, grammar, punctuation, spelling, length, and matters of good taste.

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

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Oh yes,  
we do recycle!  
Please do the same!



# Opinions

## The debate over Homosexuals at the University continues...

I have examined the last three opinions printed in the Miner. They all appear to present their "ideas" in a logical manner although factual evidence seems to be lacking in at least one of the opinions. One thing that all three writers fail to do in these articles is put their names. As the organizer of a protest in question, I have put my name and reputation out for everyone to throw stones at. I chose to take the stand because I can stand for what I believe. Simply signing my name gives this whole situation the necessary credibility that it needs to vanquish the "chicken-shits" of this student body who will not take a stand.

The issue with me is the use of money, not the choice of sexual orientation. I do not believe homosexuality or bisexuality is morally correct for me and I do not want my money to go directly to support it. That is my stand. At the same time, there are those who want to "gay-bash". That is their prerogative. I have simply succeeded in

bringing an awareness to the student body that the University supports such activities. I ask one question: Do you know where your MONEY goes? The students did not have a choice in this case!

In response to the two opinions printed in the 9/15 and 9/22 issues of the Miner; I would like to point out some things about these opinions and the facts given on 9/15. If the money for Bigayle activities is coming from activity fees, I am more than happy to have contributed. If it comes from Residential life and the people who protested are affected by that then they should have educated themselves on homosexuality, formed an educated opinion and voiced that opinion in the manner indicated on the poster. My stand is that I am against people making decisions based on unfounded assumptions about others because of an aspect of the lives they know nothing about. Notice, I said nothing about being against choice.

As for the facts given by "Getting the Truth Out," I have a couple of points to make:

First, there are social deviants in every social subgroup. In the majority of sexual assault cases regarding children; the sex of the child is of no importance to the offender. Most same sex crimes are actually committed by heterosexuals. The thing offenders are usually striving for is power through the most deviant act thought possible. Are you suggesting that it is more wrong that these men molested little boys rather than little girls? Furthermore, the very fact that the population of homosexuals in this study are in the military makes them more likely to be unhappy, in denial and desperate; considering that by nature, the military is a hostile environment towards gays.

Second, the sampling of people is in no way representative of the population as a whole. You are comparing a very small number of homosexuals

who are part of a very specific group and who must endure hostility within that group with a population of homosexuals most of whom are perfectly happy, well adjusted, productive people. I would like to point out that your figures on criminal activity are suspect since they refer only to reported crime within the military ranks. Your suggestion that homosexuals are

2 to 7 times (you refer to both of these figures) more likely to be involved in criminal behaviour than heterosexuals is based on the faulty assumption that homosexual and heterosexual crime would be reported equally in an environment hostile to gays, especially when one can expect the approval from his fellow soldiers for turning in the "gay guy." By contrast, social pressure reinforces the opposite with regard to heterosexual behaviour; that is, heterosexuals are more likely to keep quiet about heterosexual crime. An excellent example of this phenomenon is the Tail-Hook incident. This case

involved hundreds of sexual men who were guilty of sexual assaulting women as a group. After the attacks were finally reported, these heterosexual military officers consistently, and with complete disregard for their code of honor, refused to report accurately what took place, out of loyalty to their fellow heterosexual colleagues. One cannot reasonably extrapolate that data gathered from such a specialized and marginalized sub group can be applied to society as a whole with any degree of validity.

I would suggest that anyone proposing to make conclusions about complicated social issues such as homosexuality, should strive to be more broad and inclusive in gathering facts. I am certain that for every study cited, by "Getting the Truth Out" I could provide another study offering exactly opposite results. The only "truth" is that we don't yet know the truth about homosexuality; and therefore, it is important to keep an open mind when faced with such issues.

## University answers some complaints, but not all...

In last week's Miner, a list of Campus Complaints and their resolutions was listed. This week a list of new complaints has been added as well as a list of the complaints which nothing has been done.

### New Complaints

**Complaint:** The Campus Service Officers (CSO) have been harassing students by having contests to see who can give the most tickets.

**Resolution:** The Chief of Police talked to the student CSO's about the issue and assured students that it would not be a problem in the future.

**Complaint:** The bleachers at the football stadium are damaged and causing students to get fiberglass in their clothes and itch.

**Resolution:** A letter has been written to the Athletic Director about the problem. No action has been taken by the university to solve the problem yet.

**Complaint:** The new parking lot designations are unfair to students. The new parking lot designations are confusing, and signs are not properly posted.

**Resolution:** Vice-Chancellor Neil Smith was contacted about the problem. A newspaper article is being written about the issue, and a resolution is being written asking that some action be taken. An open forum will be scheduled for September 28th, 6:00 p.m. at 204 McNutt to discuss this issue.

**Suggestion:** Why can't be students be allowed to retake a class and replace their previous grade with the new grade?

**Resolution:** A questionnaire has been distributed to students about the issue. No action has been taken yet.

**Complaint:** The process of registration is not efficient, and there are too many mistakes made by the registrar's office.

**Resolution:** Next year students will register by phone, and this will hopefully improve the process.

**Complaint:** The use of Residence Hall Fees to sponsor a gay/lesbian ice cream social is unacceptable.

**Resolution:** The social was canceled to avoid confrontation. An open forum was held September 14th for discussion as to whether this is abuse of residence hall fees paid by students. No action as yet has been taken to ensure that this will not happen again.

**Complaint:** There is too much mud in the TJ tunnel and many of the lights in the tunnel are painted over or are burnt out. The path between the EE and MCS buildings is muddy.

**Resolution:** University Facilities was contacted about the problems.

**Complaint:** It is not right that the university spends \$8-10 thousand dollars on diversity programs. The money would be better used in integration programs.

**Resolution:** This is currently being investigated. No action has been taken yet.

### Complaints that have gone unanswered by the university

**Complaints:** Students should not have to pay an Engineering fee that goes into the general budget of the university.

**Complaint:** The schedule of classes does not show who teaches most classes.

**Complaint:** Many campus buildings are locked when their computer labs should be open.

**Complaint:** The EE building does not have handicapped parking and other facilities for the handicapped.

**Complaint:** The cost of books is too high.

**Complaint:** It is not right for my advisor to refuse to sign my schedule.





## K U M R celebrates twentieth anniversary



News Service  
SOURCE

Beginning Wednesday, October 6th and continuing through the morning hours of October 10th, KUMR-Rolla at 88.5 FM will be celebrating its 20th Anniversary Kickoff Campaign with an on-air investment drive. Appropriate to the 20th Anniversary is the goal of raising \$20,000.

KUMR's regular hosts Norm Movitz, Jim Sigler, Arleasha Mays, Janet Turkovic and Wayne Bledsoe will be presenting a wide variety of special music, exciting guests, taped testimonials from near and far as well as new 20th Anniversary premiums during this four and a half day investment drive.

The on-air Kickoff Campaign will culminate in an Anniversary Party for all members on October 10th, with free food and drink and entertainment representative of KUMR's varied programming. Sponsor of the Anniversary Party is the Mercy Medical Group.

"An Autumn Investment Drive has become a reality for us," says General Manager, Janet Turkovic. "Giving our listeners this kind of additional opportunity to help keep public radio strong in the Rolla area is a priority for us and one that we know our listeners appreciate."

## Missouri Writer Recognized



News Service  
SOURCE

ROLLA, Mo. — Gene Doty, a University of Missouri-Rolla associate professor of English, is one of 170 writers who will be recognized at the Missouri Authors Recognition Day on Thursday in Jefferson City, Mo.

Doty has donated two of his books of poetry, "Geometries of Light" and "The Similitudes," to the Missouri Center for the Book, a special collection of books focusing on Missouri. Doty's books are published under the name Eugene Warren.

The event will take place at the Missouri State Library in conjunction with the library's inauguration of the Center.



## Chicken Dinner to Benefit Charity



Lambda Chi  
Alpha  
SOURCE

Lambda Chi Alpha Fraternity is hosting its 32nd Annual Chicken Benefit Dinner on Sunday, October 17, 1993. The dinner will run from 11:00 A.M. to 7:00 P.M. and the meal will consist of: 1) chicken, either 1/4 white or 1/4 dark, 2) green beans, 3) potato salad, 4) a roll, 5) ice cream, and 6) choice of drink. Tickets cost \$4.50 in advance and \$5.00 at the door. Tickets are available at Key Sport or at Lambda Chi Alpha Fraternity. Call Jeff Kullmann at 368-3529 or 364-9901 for advance ticket delivery. All proceeds of the dinner will benefit the Rolla Cerebral Palsy School, the Gingerbread House, and L.O.V.E.

## Joan Pottinger to present findings



News Services  
SOURCE

Joan Pottinger, a senior History major, shows a Viking horse skull (c. 100 A.D.) to two visitors to the Archaeological Resource Centre in York, England. Archaeologists study animal remains for clues to past lifeways. She is explaining how the horse's teeth wear gives information on the horse's age and the type of care Vikings gave their animals.

Pottinger spent this past summer interning as a demonstrator at

the ARC, Britain's first hands-on Archaeology Museum. The ARC introduced visitors to the nature of archaeological evidence and demonstrated the problems in interpreting it. Visitors were able to touch the past and discover the range of skills and techniques employed by archaeologists.

Joan Pottinger will present a program on her internship at the Archaeological Resource Center to the Ozark Rivers Chapter of the Missouri Archaeological Society. The chapter meets in the Rolla Public Library Basement Meeting Room Tuesday, September 28 at 7 pm. All interested visitors are welcome.

## I.M.P.A.C.T Month to be celebrated this October



Dawn Sharp  
Staff Writer

I.M.P.A.C.T. is an acronym for "Intelligent Minors Promoting Alcohol Concerns Together". It is part of a nationwide alcohol awareness program that has been in existence for 7-8 years on the University of Missouri-Rolla campus.

This year is the first year that I.M.P.A.C.T. events will be a month long. As Camille Consolvo, Director of Drug and Alcohol Prevention on campus, put it, "it is a kickoff to get students, faculty, and staff aware of year long events." Students can get involved by participating in the events throughout the month. I.M.P.A.C.T. month begins October 6 and goes through October 27.

Student organizations such as Student Council, Student Union Board, Panhellenic, Interfraternity Council, Quadrangle Hall Association, Thomas Jefferson Hall Association and the St. Pat's Celebration Committee will be in charge of putting on the events. I.M.P.A.C.T. Month 1993 Calendar of Events:

Wednesday, October 6. "Hot, Sexy, and Safer" with Suzi Landolphi, 7:00 p.m., Castleman Hall Leach Theater. Presented by the Student Board/Substance Abuse Prevention Program.

Wednesday, October 6. Self-Defense workshop with Dr. Harvest Col-

lier, 7:00 p.m., TJ South Lounge. Presented by UMR Panhellenic.

Thursday, October 7 "HIGHER Education" with Recovery Productions, A One Act Comedy About Sex, Drugs, and Campus Life, 7:00 p.m., Centennial Hall. Presented by UMR Substance Abuse Prevention Program.

Saturday, October 9. "Run for Your Life" 5K, 9:00 a.m., BerJuan Park. Presented by Army ROTC.

Friday, October 15 - Sunday, October 17. Volleyball Marathon, 5:00 p.m. to ?

Tuesday, October 19 Comedy Nightclub with Paul Gilmartin, 8:00 p.m., UCE Cafeteria. Presented by the Student Union Board with IFC and St. Pat's Committee serving "mock-tails".

Wednesday, October 27 Campus BBQ, 11:30 a.m. - ?, Hockey Puck, Presented by UMR T.E.C.H.S. Peer Educators.

Wednesday, October 27 Alcohol Jeopardy, 6:30 p.m.. Presented by UMR Panhellenic and the Interfraternity Council.

Also, there will be a "Booze Bowl" presented by the TJ Hall Association, time and date will be announced. The Quadrangle Hall Association will have "Alcohol Statistics on Grave-stones" located on campus.

In order to make I.M.P.A.C.T. month a success, students, faculty, and staff should try and participate in events. As said by Consolvo, "Just bring a friend."

## Personal Resource Development



### UPCOMING PROGRAMS

See Flier for  
More Details!

**I'M NOT IN THE MOOD TO STUDY**  
Tuesday, October 5; 3:30-4:30  
G-8 TJ-Hall-AEC  
Facilitator: Ms. Diane Stutts

**STUDY SKILLS**  
Wednesday, October 6; 7:00 p.m.  
G-8 TJ-Hall-AEC  
Facilitator: Dr. George Schowengerdt

Sponsored by  
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204 Norwood Hall, 341-4211



# Features

## SUBConscious: Weekend update



SUB  
SOURCE

**Let's talk about sex.** You want it hot; you want it sexy; you definitely want it safe. "Hot, Sexy, and Safer" is comin' to town. And Suzi Landolphi is gonna tell you all about it. Suzi's program, "Hot, Sexy, and Safer," is entertainment with a message. She combines stand-up comedy and dramatic technique to spread the word on how to improve your sex life and keep yourself free from all those nasty diseases out there. Her energy, enthusiasm, and refreshing honesty helps to ease tension surrounding change and sex. So join Suzi and SUB at Castleman next Wednesday (10/6) at 8 pm and enjoy what may be the most rewarding sexual experience of your life!

And while we're on the subject of things that make you sweat, how

about some exciting, stimulating 3-on-3 basketball? SUB is sponsoring a tournament in just that (what a coincidence!) next weekend, October 9 & 10. Come sign up in the SUB office (above Butcher-Baker), and then come out to Multipurpose and show us your 'stuff.'

**AND THERE'S MORE!!** Homecoming is still happening all around you. There's games everyday at the puck and a bonfire Friday night at the Multipurpose fields. And don't forget the football game Saturday at 1:30 pm. There will be a human gyroscope, a free BBQ, queen coronation, and lot's more going on for your own personal entertainment. And, of course, movies! This weekend is our Tropical Paradise Nite (notice the clever Homecoming tie-in here - pretty neat, huh?), featuring 'Captain Ron' and 'Moon Over Parador.'

This week's committee in the spotlight is the Concerts Committee, valiantly led by the glamorous Tina

Faughn. So, you ask, what does the Concerts Committee do? Well, this might come as a surprise, but they program concerts! And they don't wait 'til St. Pat's to do it! Case in point, the Fishheads concert just the other day. If you missed it, you missed one hell of a party. If you didn't miss it, then you already know why you should join Concerts.

When you join the Concerts gang, you get to help decide what kind of bands are brought here. They handle all kinds of music, but the only way to know which ones you want are if you tell them. Concerts committee members also handle set-up and security at SUB concerts, which means you get to hang out and party with the band. And Tina adds, "You get lots of free stuff!!" So if you're a big music fan, give us a call, join Concerts, and make Tina happy all at the same time! Concerts meets again Tuesday, October 12, 9:30 pm in the SUB office.

## Why ask why?



Laurie Wilman  
Staff Writer

Okay, boys and girls, it is now time for the philosophical question of the week. This week, the topic will be "why?". (Asking why I picked this as the subject would be sort of redundant, so I suggest not even trying.) Now, on with my thoughts on the matter.

Why do birds sing instead of yodel? Why do fools fall in love? Why is the sky blue rather than fuchsia? Why do elevators, sidewalks, and computer networks have 'system' problems at a school teaching engineering? Why is Sunny Delight so delightful and sunny? Why is Christmas only once a year? Why doesn't the pizza on the Pizza Inn sign ever succumb to the powers of gravity and come back down to Mario or Luigi or whomever that is with the silly grin who threw it up there in the first place? Why is the grass the same color as the leaves? Why are rainbows always

concave down? Why is a flea market called a flea market if it doesn't market fleas? Why do certain beloved calculators completely destroy your sense of mathematics in trying to operate them? Why did the dinosaurs become extinct? Why was disco ever allowed to come into being? Why aren't we taught to drive trains if we're supposed to be engineers? Why do groundhogs get more media attention than walrus? Why do trees grow up instead of down? Why can't people get along? Why are Twinkies filled with an unidentifiable substance? Why will it matter what I get on my exams if the entire universe implodes upon itself tomorrow? Why do cows moo rather than bark? Why do cows have such bad public relation representatives? Why are they called cows? And why am I asking all of this in the first place?

That final one I can answer easily: to get you to think.

**Editor's note:** Last week Laurie Wilman's column was accidentally not continued. In hopes to fix my mistake, I am rerunning the article on page 21 of this issue. Sorry Laurie.

## Homecoming calendar of events



News Services  
SOURCE

Homecoming Weekend at UMR is Friday and Saturday, Oct. 1 and 2. Activities for the weekend will include:

### Friday, Oct. 1

—Registration from 9 am - 4:30 pm in the Miner Lounge, University Center-East.

—Hispanic Cultural Heritage Month luncheon with Russell Espinosa, "Much to Celebrate, Much to Question," at noon in the Carver-Turner Room, University Center-East. The luncheon is sponsored by the UMR Hispanic Cultural Committee, Minority Engineering Program and the Society of Hispanic Professional Engineers. Espinosa is a 1982 graduate of UMR.

—UMR Student Union Board games begin at 12:30 pm on the mall north of University Center-West.

—Homecoming Weekend short course, "Up the Amazon with a Paddle," with Dr. James Bogan, UMR professor of art, from 1-2 pm in the UMR Old Cafeteria.

—Homecoming Weekend short course, "Foundry Lab 101," with Dr.

Chris Ramsay, assistant professor of metallurgical engineering, and Dr. Don Askeland, Distinguished Teaching Professor of metallurgical engineering, from 1:30-4 pm in Room 244 McNutt Hall.

—Alumni and Student Golf Tournament, 1:30 pm, UMR Golf Course. To register call 341-4220.

—Homecoming Weekend short course, "Total Quality Management," with Dr. Henry Wiebe, professor of engineering management, and Greg McClain, manager of quality engineering at John Deere Engine Works in Waterloo, Iowa, and a 1972 graduate of UMR, from 2:30-4:30 pm in the Missouri Room, University Center-East.

—Homecoming Weekend short course, "Two Missouri Civil War Figures: Nathaniel Lyon and William Sweeny," with Dr. Jack Morgan, instructor of English, from 2:30-4:30 pm in the Meramec Room, University Center-East.

—UMR Alumni baseball-hitting contest at 5 pm at the UMR baseball field.

—Silver and Gold Reunion Reception from 5:30-8 pm in Centennial Hall, University Center-East.

### Saturday, October 2

—All-alumni breakfast buffet, 7:30-9:30 am, in Centennial Hall of

University Center-East.

—Registration from 8-11:15 am in the Miner Lounge of University Center-East.

—Homecoming Weekend short course, "Special Demonstration: The ATC Classroom, Classroom of the Future," with Dr. Madison Daily, associate professor of engineering management, from 8:30-9:30 am in Room G-11 Wilson Library.

—Homecoming Weekend short course, "Management Systems: What Do UMR Grads Need to Know and Be Able to Do?" with Dr. Catherine Rordan, director of management systems, from 9:30-10:30 am in the Missouri Room of University Center-East.

—Homecoming Weekend Field-house Feed Reunion "Tailgate" Luncheon, 11:30 am, Gale Bullman Multi-Purpose Building. Tickets are \$7 per person. For reservations contact Janice Turner at 341-4145.

—UMR Alumni baseball game, 10 am, UMR baseball field.

—Kickoff for the UMR Miner football Homecoming game against Southwest Baptist University is at 1:30 pm at Jackling Field.

—Alumni Awards Banquet begins at 7 pm in Centennial Hall, University Center-East. The MSM-UMR Alumni Association Annual Meeting follows at 9 pm in Centennial Hall.

## Announcements from the green side



Rob Wilson  
Staff Writer

Attention, students, faculty, and city of Rolla. The green goes on sale this week! That's right, the brand new 1994 86th annual St. Pat's sweatshirts are for sale as of this week. As always, sweatshirts will be on sale Monday through Friday at the Puck.

On Friday, October 1st, the famed St. Pat's Committee will do

battle with the IFC, in the 18th annual Green vs. Gray football classic. The game will be held on the Fraternity row fields the Friday of Homecoming at 3:30 pm. Come cheer on the Committee as they uphold the winning tradition.

Finally, thanks to all who participated in the Crop Walk this past Sunday, making it a successful and worthy endeavor. Twenty-five percent of the proceeds will stay in the city of Rolla, so your efforts will have a direct effect on the area.

Remember, only 169 Daze 'til the Best Ever!

## Did you know...

\*The typical college student consumes over 34 gallons of alcohol per year?!

\*3500 Olympic-sized swimming pools full of beer, wine, and liquor would only last college students one year?!

\*If you stacked all of the cans of beer consumed by college students in one year end to end, they would reach the moon and 75,000 miles beyond?!

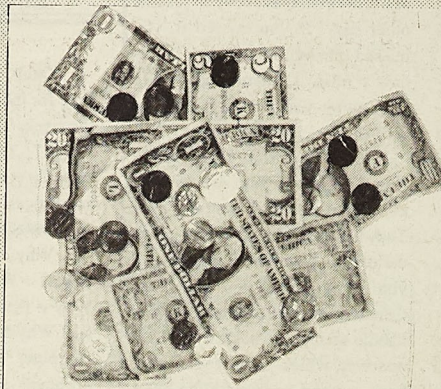
For more information about T.E.C.H.S. and/or their programs available, please contact Camille Consolvo in 106 Norwood at 341-4292.



## Get acquainted with "The Show-me State" and win a free prize

Out driving around a couple of weeks ago I came up with the idea of describing a perfect gravel road tour of the central Ozarks. The fall season is upon us and the leaves are beginning to change, making it a great time to get out and see the country side, especially if you are from another country, or state. The leaves are changing now, making this a colorful drive. The other night I took this perfect little drive in the surrounding country side, and will attempt to give the reader directions so he or she can experience the Missouri country side at its finest. The entire drive is about twenty miles and takes just under an hour, so get a cooler full of your favorite liquid drug, caffeine or alcohol, grab these directions, and see "The Show-me State." If you do not plan on taking this trip skip this article because you will be bored. But if you do, look for the way you can qualify to win a free prize.

To begin, follow 10th street East, past the highschool, and to the forum. At the Forum Shopping Center stop lights, continue straight, going up over the hill. There are a few sub-divisions, but you will soon notice that the road turns into BB highway—a two lane winding road that ends up in St. James. Now, you want to continue on this black top highway about six to eight miles until you come to a sharp turn to the left. The turn is marked by huge orange arrow signs. Right on the turn you will find two gravel roads going at a ninety degree angle from the turn. Take road 136 to the right. Most gravel roads are marked with reflective green signs so it shouldn't be too hard to locate them. This road leads you down a hill and over a concrete bridge that is spray painted pink. There used to be an old iron bridge here that was painted pink, it was sold for \$1 to who ever would come and take it away. I guess the locals thought that the new bridge should also be pink. Anyway, go across the bridge and up the hill, the road will soon come to a T, take a left onto road 137. The road will continue on for a little while, you will see a stop sign in the distance, but right before you get to the stop, take another left turn onto road 134. It will be about four miles from BB highway to road 134. Road 134 is a personal favorite of mine, it winds down into a valley. You will notice a lot of scenery on the left, and after a sharp turn to the left, look to for a huge tree



Doug Sobreg

with no leaves that looks evil and sinister. At the bottom of the hill is a nice house with a no trespassing sign on it. Keep following the road over low water bridges and up and down hills. Look at the trees, as well as the giant rabbit turds in the fields. You will notice a real estate sign on the left side of the road. Pretty soon you will come to a stop sign at a black top highway. You need to take a left here, other wise you will end up in Salem, Mo. This road is very curvy, but you know you are almost at the end when you go around a corner and see 20 to 35 advertisements

for Kodak film on the sides of the road. At the stop sign, take a left onto another black top two lane highway. Continue up the hill. Soon you will pass the "Country Cafe" on the right, if you are hungry stop and eat. You will go around many reduced speed turns, look for a green road sign on the left, it will be next to a weird house. The number is either 127 or 129 (I can't read my notes). As soon as you turn left onto this road, you will know you are on the correct road because there is a 25 MPH speed limit sign. This is where the scenery gets real interesting. A little ways down on the right you will find Mt. Zion Baptist Bible Camp and Conference Center, this place is freaky and it reminds me of the Waco Texas people—notice a copper pyramid to the right. Keep on this road as it winds down through valleys and up hills. Cliffs and mossy rocks line the road.

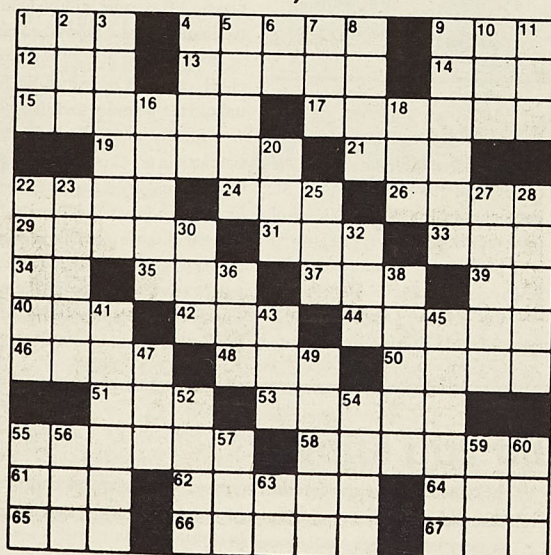
Pretty soon you will go down a big hill and go by a couple of peoples' homes. One is an old school bus, the other is an empty semi-trailer. For a chance at winning a prize, put your name, phone number, and one interesting thing you saw at the bottom of this hill on a piece of paper and drop it in the Miner drop box just inside room 103 in Norwood Hall. You have until November 1st to get this done.

After you pass this place you will go up another hill. Turn right onto road 135. This will take you a short distance and dump you back onto BB highway. Go straight at this stop sign and you will find your self back in Rolla, and feeling good about your self and Missouri.

James Barnes

# Time Killers

## Crossword Companion



### ACROSS

1. Supernatural perception (abbr.)
4. Reason
7. Period
12. Roman household deity
13. Speak pompously
14. Night before
15. Ruddy
17. Motto
19. Fork prongs
21. Black road substance
22. California fog
24. Free
26. Exam
29. Singing voice
31. Hog
33. Aural
34. Near
35. Carpet
37. Beaver construction
39. Tantalum symbol
40. Pop top
42. Grab
44. Hard
46. Hit open-handed
48. Chewing substance
50. Native of Denmark
51. — Angeles

53. Massachusetts town
55. Holland flowers
58. Erase
61. America (abbr.)
62. Map
64. Negative word
65. Cot
66. Paper measurement (pl.)
67. Golfing implement

### DOWN

1. Mischievous child
2. My gal —
3. Particle
4. Cut of meat
5. Command
6. Southern state (abbr.)
7. It is (contraction)
8. Prehistoric tool
9. Put down
10. Eggs
11. Number
16. Severity
18. Edible seed
20. Slow drinks
22. Numerical data (abbr.)
23. Iron
25. Completed
27. Soft fabric
28. Sell
30. Race
32. Fuel
36. Joke
38. Built to scale
41. Narrative poem set to song
43. Public transportation
45. Express grief
47. Hawaiian food
49. Feminine title
52. Ship's mast
54. Not as much
55. Vessel for washing
56. Hire
57. Female saint (abbr.)
59. Digit
60. Direction (abbr.)
63. Southern state (abbr.)

see Solutions, page 11



# Sports

## ESU and weather ground Miners

**Joe Hornburg**  
Asst. Sports Editor

This past Saturday was cloudy and wet here in Rolla. The wet made tackling Field here in Rolla a mud pit ready for football. The Miners took on their MIAA opponents from Emporia State.

UMR was 2-0 and 1-0 MIAA coming into the game while the Hornets of Emporia State were 1-1 and 1-0 MIAA. As expected with rain and mud, it was hard to move the ball and just as hard to hold on to the football.

The Miners battled hard, but came up on the short end of a 17-0 score. The hard running UMR offense was held in check, gaining just 162 yards on the day.

Here's a recap of the action on Saturday. UMR kicked off and Emporia State, after a 14 yard return, had the ball on their own 37 yard line. The Hornets kept the ball on the ground, moving it to the UMR 45 before the defense forced a punt.

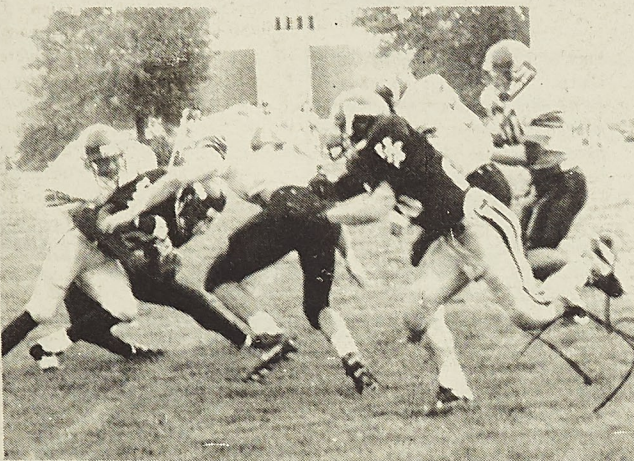
The punt pinned the Miners deep in their own end which proved to be a big factor. The Miners took over on their own 13. On first down Jason Illum gained six and UMR had some breathing room. After a two yard loss

by Ernest Brown and an illegal procedure penalty on UMR, the Miners were back to their own 12 yard line. They couldn't convert on 3rd and 11 so they had to punt the ball back to Emporia State.

The first punt of the day by Chris Shore was fair caught at the Rolla 49 yard line. This would show early that

field position would be real important on this muddy football field.

It looked as if the Miners had stopped Emporia State with three plays and a punt at the Rolla 41, but a fake punt by the Hornets caught UMR off guard. The fake punt took the ball down to the Miner 17 yard line. The UMR defense buckled down and kept



Ian Roadileky

**Running back Ernest Brown battling Emporia State defenders for more yardage.**

Emporia State out of the endzone. The Hornets did get a 31 yard field goal to take a 3-0 lead mid-way through the first quarter.

The rest of the half both teams were held in check by the opposing defense. There were seven more punt with neither team moving the ball all that effectively. Going into halftime things did not look to bad for the Miners as the score was 3-0 ESU, but UMR would receive the kickoff in the second half.

The second half did not get going to well for the Miners. UMR went with the passing game in this possession to try and get the offense started. Two incomplete passes by QB Mike Wise though kept anything from going and the Miners punted the ball once again.

The field position again turned out better for Emporia State and they started at their own 45 yard line. Tough defense by UMR held ESU to only a gain of two yards before punting back to the Miners.

The water and mud showed their presence on the punt as UMR's Matt Henry fumbled the ball at the UMR 12 and the Hornets recovered the ball at the UMR 10 yard line for a first and goal. ESU quarterback Danny Sibert wasted no time and on the first play he scrambled in for the touchdown. The PAT was good and the score was 10-0 ESU with 12:19 left in the third quarter.

The UMR offense continued having trouble but received some help from the defense. ESU was driving late in the third quarter when QB Sibert was sacked by Miner Chris Ward at the UMR 26 yard line. The sack forced a fumble and UMR recovered the ball.

From there UMR started a long drive. A 19 yard pass from Wise to tight end Kevin Hug got the Miners into ESU territory. From there the Miners kept the ball on the ground and pounded it at the Hornets. With runs from David Wells, Illum, and Wise the Miners moved the ball deeper into ESU territory. The Emporia defense tightened up at the 25 yard line and had UMR going for 4th and 6 from the 21 yard line. UMR was stopped on the 4th down attempt and ESU took over on downs.

Neither team mounted much offense after this point which each one staying on their end of the field. UMR trying to play catch up went to the air. After moving the ball from their 29 to the 41 with the help of a pass interference call UMR looked as if they might get going. Wise was intercepted though at the 47 and the ball was returned to the UMR 27 yard line.

The UMR defense held on four plays and the offense got the ball back

See Football page 8

## Blues looking for key acquisition

**Travis Dunnington**  
Staff Writer

Last spring the Blues captured the hockey world's attention with their surprise sweep of Chicago and near upset of Toronto in the Norris Division Playoffs. The great finish made everybody forget about the Blues' dreadful regular season showing and soon after the final game the phone lines of sports call-in shows all over St. Louis were abuzz with talk of how the Blues were within a couple of players of stepping into the category of one of the NHL's elite teams.

One of the hottest rumors circulating this summer was that the Blues were actively pursuing free-agent tough-guy Marty McSorely. Although this rumor proved to be true, the Blues were eventually rebuffed in their offer for McSorely, who finally ended up being traded to Pittsburgh. Host of call-in shows did even more gossiping as they tossed about names such as Glen Wesley, Joe Nieuwendyk, Mathew Scheinder, Sean Hill, Phil Housley, and even Ray Borque as people the Blues were supposedly trading for. The trade wins were especially prevalent at some of St. Louis' favorite night spots. One night on St. Louis' landing an obviously intoxi-

cated individual tried in vain to convince me that the Blues were not only going to get Bob Probert from the Red Wings but were also going to pick up some guy named Wayne Gretzky. I'm not sure if it was the obvious absurdity of the statement or the fact he had try to convince me earlier that he was an undercover Drug Enforcement Agent who was dating a Frederick's Hollywood Model that made me doubt his integrity.

Well, here we are at the end of September and the Blues have made a minimum of moves. The inactivity of General Manager Ron Caron has nothing to do with his effort. It comes down to the fact that even though the Blues are eager to trade for many of the aforementioned stars, they are equally unwilling to part with most of their top prospects. The Blues realize that in order to compete with the powerful Detroit Red Wings they must build a young nucleus of talent.

This is the dawn of a new age in the NHL. Gone are the days of the Blues and Blackhawks perennially leading the Norris Division with a collection of muckers and grinders. The new elite of the NHL must not only be physical and aggressive but also be able to skate and score with world class ability. The Red Wings realized this along time ago and have built their

team accordingly by acquiring players from all over the world to play their up-tempo style of hockey. This is the year, led by new coach Scotty Bowman, that the Red Wings finally see their hard work in finding this talent come to fruition.

The Blues themselves have a good young talent base and can't afford to be dissuaded by another poor showing. It is the opinion of many hockey experts that young Blues Igor Korelev, Denny Felsner, Jim Montgomery, and Brett Hedican will be major forces in this league for the next ten years. When these players are joined with the rest of the Blues already established young nucleus of Brett Hull, Craig Janney, Brendan Shanahan, Nelson Emerson, Kevin Miller, Jeff Brown and Curtis Joseph the makings of a great team are clearly evident. All that is needed is a little time and patience in this group.

Even if only minor changes are made to the Blues roster the season will still hold much excitement for Blues fans. Right before your very eyes the young Blues will grow into NHL stars. This season might turn out to be just as frustrating as the last one for the Blues but if patience wins out the Blues will soon find themselves in the brand new Kiel Center Arena battling it out for the Stanley Cup.

## Miner fan in the stands



Ian Roadileky

**Our winner this week attended this weekend's football game. Come to 103 Norwood Hall, this Thursday at 5:00 to claim your prize.**



# Week #4 NFL action

Brian Fortelka  
Staff Writer

This week, the NFL season rolled on. Here is a summary of Week #4.

**NFC-Central:** The Detroit Lions remained on top of the Central, with the help of a weak opponent in the Phoenix Cardinals. Andre Ware stepped forward to lead the silver-stretch offense to victory.....In Chicago, Dave Wannstedt won his first game as Bears head man in impressive fashion over the Bucs. A team that scores 47 points in a single game is serious news in the windy city....And in a game in Minnesota, the Green Bay cheese heads displayed little motivation in their loss to the Vikings. The expensive acquisition of All-Pro defensive end Reggie White still hasn't paid the boys from Green Bay any dividends.

**NFC-West:** Changing of the guard in the west? The New Orleans Saints could have broken the Forty Niner jinx once and for all. With a last second Morten Anderson field goal to seal the victory, the Saints have shown what it takes to win the west....Have the Forty Niners

slipped some under the quarterbacking of Steve Young? The fans in San Francisco aren't used to losing two games in September. ....What is going on in L.A.? The Rams are actually winning some games. Jim Everett and a revamped passing attack are giving the Rams some confidence they lacked in past years.

**AFC-East:** With a little trash talking from linebacker Bryan Cox, the Miami Dolphins strolled into Buffalo and outmanned the Bills. The Dolphin defense rose to the occasion, while Dan Marino and the offense showed diversity in their manhandling of the Bills.....The Colts continue to astonish fans with their exciting play. A barrage of penalties helped them beat an undefeated Cleveland Brown team... ..Boomer Esiason and the Jets are playing well enough for some people to be saying Broadway Boomer. Ronnie Lott and a fierce squad of heavy hitters make the Jets a team not to be taken lightly.

In next weeks action, look for many games to come down to the final play. The kicker could be called on to be the deciding factor. Week #5 shapes up like this:

Atlanta	at	Chicago
Detroit	at	Tampa Bay
Green Bay	at	Dallas
Indianapolis	at	Denver
L.A.Raiders	at	Kansas City
Minnesota	at	San Francisco
New Orleans	at	L.A. Rams
Philadelphia	at	N.Y. Jets
San Diego	at	Seattle
N.Y. Giants	at	Buffalo
Washington	at	Miami (MON)

**Lock of the Week:** Green Bay at Dallas. The Cowboys need to get on the winning track. Green Bay is struggling. Emmett Smith should have a big game. The Pack goes back to cheddar land losers.  
Dallas 35 Packers 13

**Upset Special:** L.A.Raiders at Kansas City. The Chiefs are coming off a mediocre win against Denver. The Raiders were surprised against Cleveland. The Raiders are an improved team, led by new quarterback Jeff Hostetler. The Raider defensive line should give Montana all he can handle. The Chief Chop could be quiet this Sunday.

Raiders 24 Chiefs 21

## Football

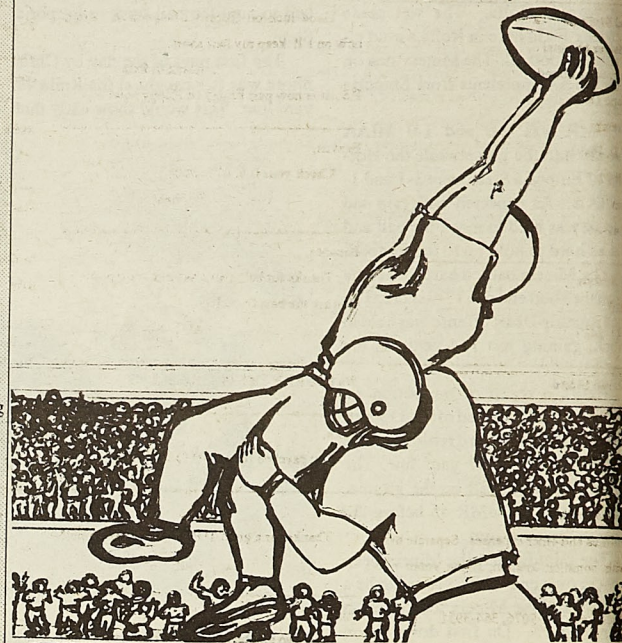
from page 7

with 5:23 left to play in the game. On the second play Wise was intercepted again and this one was returned 33 yards by ESU for a touchdown. That one iced the game. Not much offense went on after that and the score ended up 17-0 ESU.

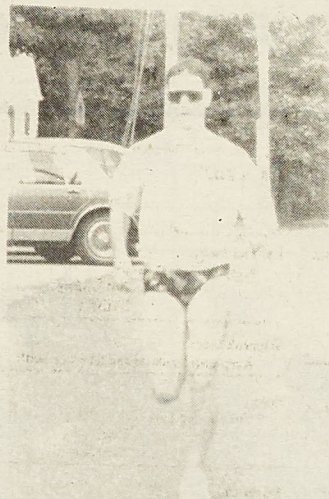
The mud played a big part in the game forcing the teams to stay on the ground. It also made field position more important than ever, and UMR lost that battle.

This week is homecoming here UMR so be sure and come out to support the Miners. The game is Saturday, October 2 at 1:30 p.m. at Jackson Field against Southwest Baptist.

This is another MIAA conference game for the Miners so don't miss it. Our Miners need fans in the stands to keep the winning going and they will be going for number 3 against Southwest Baptist. See you there!



# Miner Triatholon!



Photos by Doug Sobrey

Two contestants participating in this past weekend's grueling Miner Triatholon

## The Atlanta Braves Suck

Mike Overfelt  
Staff Writer

I hate the Atlanta Braves. I hated Ted Turner. I also hate Jane Fonda. I wish she would just go back to Korea or Vietnam or wherever those pictures were taken. I even hate Terry Pendleton. Why, you ask? Because even though he was a superb third baseman for the Cardinals (at least defensively), he waited until he got to Atlanta to win a batting title AND MVP. Please do not even get me started on Deion Sanders.

There is, however, one thing I hate more than the Atlanta Braves — Atlanta Braves fans. Please don't get me wrong; I am not referring to those who were around back when Dale Murphy and Bob Horner were the only sources of joy on the entire team. Nor do I mean the 2000 or so fans who regularly attended Atlanta home games. My hatred is directed at those idiots swinging their stupid foam souvenirs while singing that annoying chant. Somebody please give me a real tomahawk. "I'll part your hair for you, Mr. Turner." Wham! A man can dream, can't he?

What I am referring to here folks are those commonly called fair-weather fans. Where were these people when the Braves were the worst team in baseball? I wonder how many

home runs Dale Murphy would have hit with a little crowd support. I am sure even a guy as competitive as Bob Horner got tired of hitting balls into empty seats. I would love to drag a few of those morons to St. Louis sometime. Even with the Cardinals out of the National League East race the stands are still nearly packed every night. The simple truth is, win or lose, a truly dedicated fan supports his team.

As far as the Braves team is concerned, I do not hate them because they are a better team than the Cardinals. It is much more simple than that. I hate the Braves because of the Superstation. Yep, that's right. A television station has made me unstable. When I was younger every time I was buzzing through the channels, what was on WTBS? You guessed it, "America's Team." America's team my ass. In those days the Braves had to struggle not to lose 100 games. But that never bothered old Ted. "Oh, the games' over already? Just rewind it and play it again," I bet he said. "The Braves don't play today? Oh hell, just replay yesterday's game two or three times." I bet he said that too.

As a side note regarding my fellow sportswriter, Travis Dunnington's article in last week's Miner, let's wait until the Braves actually win a World Series before we call them a dynasty, huh Trav?



# Campus Gossip

## Miscellaneous

### ne ride to Chicago Midway Airport!

student flies home major weekends, 2 instead of 7 \$50 - \$80 shared expenses, non-cial. Leave message for Henry, call 364-

### od Stereo

its per channel

Surround Sound

ape Deck

verse

C.D. Player

all 92

irm

341-8417

### er Stands

\$20

341-8417

### Stereo Stand

20 Inch T.V.

\$25

341-8417

### mate Needed

utilities and other expenses. Separate bed-with common kitchen, living room and om. \$125 month.

364-0766, 341-9076, 364-3951

Krauss

uter for sale:  
compatible 640K (expandable) hard drive  
n disk drive Monitor: CGA  
ward: standard  
r: Epsom LQ-500 (dot matrix)  
\$350.00  
ore information call 341-9109

### IS OF THE NIGHT

me your ear friends

is my tongue

a is my sight

h to tell you of the fears of the night

is the darkness till morning bright

g is the might within one's fright

g is the journey and hard is the fight

is the anger from the midst of one's plight

is the flame, strong is the bite

p is the wind as demands take flight

y eyes shine like flames burning bright

y is the enemy looking for foe tonight

### Rider

## Personals

adie,

Seen any weetches lately? How about Chi-quas? Just wondering.

Dagwood

and Dusty are the coolest Sig Nu pledges!!

Love, YBS

KRI -

Have a great day!

Your buddy,  
HEA

KIM C -

Joe Lies!

Stacy,

Good luck on the Queens Competition. Learn

how to cook; it might come in handy someday.

Swamp Rats

Spacy,

Good luck on Queens Competition. From

now on I'll keep my hair short.

Assylum Rats

P.S. It is now past Friday be Happy now!

Beavus,

Check your L.S. 415 Grade.

Butthead

Bananas,

Thanks for being an awesome roommate!

You are the best friend!!

AOT Always

We love KAY-DEE PLEDGES!!!

KD's,

Get psyched for our BBQ with PKA!

KA,

Thanks for a great TGIF! It was awesome!!

Kappa Delta

Aimee & Julie,

You two are the greatest! We are so glad that you are KDs!

Love in KD!

Laura & Shelly

Sigma Nu,

Roller Skating was a blast lets do it again.

The Little Sisters

Heather,

You make a great addition to our family! We

have a feeling you'll fit right in!

Zlam,

Laura, Jill & Rachel

C.T. -

Have your figured out who I am yet? See

you on Thursday!

Your remote admirer

Jason & Brian T.

You guys are the coolest!

YBS

Zeta,

3 days!! Get psyched to meet all our cool

alumnae!

Jill

Karen & Lissy,

Thanks for always helping me out when I'm

clueless!

20th anniversary is going to be a blast!

Zlam,

Jill

Sigma Nu,

Your Little Sisters Luv You! Get ready for drivers and doughnuts!!

The Little Sisters

Sigma Nu,

Congratulations on 90 years!

Love,

The Little Sisters of the

White Star

Sigma Nu, Kappa Sig, AEP, EX,

Congrat to all your anniversaries

Soylent Green is made out of People.

Fred,

You will make a great Queen! Come and wake me up anytime.

Fred

Stacy,

Accentuate the positives. There are still more to find. Thank you for being our Queen candidate.

Scott

You're a QUEEN in out hearts!

Pi Kapps

Stacy,

Excuse me.

Please.

Thank you.

(Oh, and good luck, too!)

Kelly

Stacy,

What an awesome Queen candidate. Good

Luck.

Brian

What's Stacy Doing?

I really can't tell

But she's cuter than kittens

And smells pretty well.

Well ok, she is Pi Kapp's

Homecoming Queen

And she is the best

That we have ever seen.

Good Luck Stacy!

Lime Cider

Becky,

Hope you had a good birthday.

Lico,

Sonya & Lisa

Sonya,

How's the love den?

Lico,

Lisa

Becky,

The Lambda Chi Associates showed you and you still think that they are wimps?

Lico,

Sonya & Lisa

To all of the fraternities that had a missing item thanks for being great sports and do not worry, we checked each one of you out!

Chi Omega

Womens soccer team keep working hard!!!

Chi Omega is Awesome!!

Maja, Julie, Nina, Andrea, Mindy, and Debbie,

That was a blast on

Monday night.

Lico,

Angela

Chi Omega Loves our pledges

Tracey,

Two years of heaven. Happy Anniversary!

Love,

Brandon

Jessica,

"Oh.. This is my little light of mine,

I'm gonna let it shine! " Maybe we

can use those candles to light the

way when we go in our walks.

AOT,

Jen

Bash,

Congrats on becoming open rush chairman.

You are doing an awesome job. Keep up the good work!

Kay-Dee

Sarah,

Our room is a mess, we're both stressed, & our fish is depressed.

So when are we going to fingerprint?

AOT,

Jen

Deena, Chris & Dawn,

You are the coolest adopted Big Sisters!

Zlam,

Kelly

Dawn,

Thanks for the awesome sign, and all your help with Surprise Week, and just listening to me whenever I need to talk.

Zlam,

Kelly

Anica is the most awesome little sis!

Hey Steiger,

Did you know there were no fire engines in hell?

Angie & Rebecca,

It was fun partying with you guys at initiation!

Hey Ang, "Are you professionals? Do you get paid for that?"

Amy

Casey,

You're a terrific Zeta! Welcome to the family!

Zlam,

YBBS

Acacia,

The TGIF was awesome! Let's do it again sometime!

Zeta

Zeta alumnus are the coolest !!!!

Kimberly,

Great job with the Volleyball Tournament!

Zlam,

Your roomie

John,

"Wrist Killer"

I.

Jay,

Heard you are whipped.

Don,

You are a true ladies man.

Jeff T.,

"Nuff said

Julie,

Bright Room

Matt,

Enjoy your micro! (You vampire!)

Mark,

Only you would loose sleep to play golf!

Jason,

You are the psychotic driver - just let you know.

Kirk,

How is the roomie - still smells or is it Steves bad jokes that stink?

Simon, Paul, Rick & Craig,

Blown up any soda cans lately?

Paul, Rick, and Steve,

If you are the average American males — Procreation will STOP.

Amy and Cathy,

Who is using the brain today?

Lednips,

need we say more?

James,

Out of sugar yet?

Mr. M.,

We miss your charts!

Aimee & Juli,

You two are the greatest! We are so glad that you are KDs!

Love in KD!

Ken and Scott,

Keep your snakes away!

Just kidding

STINKY

Women's soccer

Keep your heads up and let's kick butt!!

Amy,

Congrats on your 20th birthday!

Lico,

Your Roomie

Sigma Chi,

Thanks for the great dinner!

Chi Omega

Mia,

You are going down!!!

Your spirit challenger

Sonya

You are an awesome Little Sis

Lico,

YBS

see Gossip, page 12



## Jim's Journal

by Jim

Today Tony said,  
"Hey, Jim, I hear  
you're looking for  
a new apartment."



He said he has  
some friends who  
need a roommate.



"It's five guys  
sharing a basement,  
and you'd get the  
space next to the  
furnace," he said.



"You know what  
five of my friends  
living together  
means, don't you?"  
he asked. "Round-  
the-clock PARTY!"  
he said.



**BUDWEISER**  
52" Emerson Bud ceiling fan  
Red and white, with light  
Still in box, great for party  
rooms \$200. 364-6511

### EXCELLENT EXTRA INCOME NOW!

ENVELOPE STUFFING — \$600 - \$800 every week  
Free Details: SASE to  
International Inc.  
1375 Coney Island Ave.  
Brooklyn, New York 11230



S.U.B. presents....

The National Shakespeare Company

performing

# "The Tempest"

Wednesday, October 13

Leach Theater 7 pm

Tickets available to students Oct. 5th  
FREE with a valid student I.D. in the SUB office (218ucw)

(one per student please)

Tickets available to general public Oct. 8th, \$3.00 each

For more information, contact the SUB office at 341-4220

## NOTICE

BEGINNING OCTOBER 6TH



Records Management staff will be making monthly visits to the Rolla Campus the first Wednesday of each month. The monthly visits will provide departments the opportunity to meet with Records Management staff to discuss any records problems or needs they may have.

Coordinator will be Wayne Bledsoe, Campus Archivist. For appointments, contact Wayne at 341-4815.

Dates Records Management staff will be on UMR Campus:

October 6, '93	March 2, '94
December 1, '93	April 6, '94
January 5, '94	May 4, '94
February 2, '94	June 1, '94

--clip and save for reference--

# \$36,000

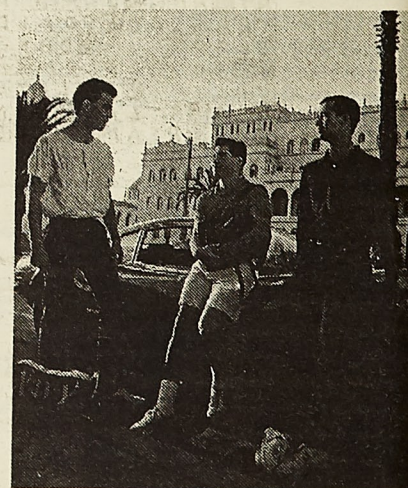
## BEFORE YOU GRADUATE

Start your engineering career now, while you're still in school and earn as much as \$1,400 monthly, plus bonuses, in the Navy Nuclear Propulsion Officer Candidate Program. Earn up to \$36,000 and never wear a uniform until after you graduate. Today, the Navy operates more than half the nuclear reactors in the U.S. and is a recognized leader in their development and operation.

### REQUIREMENTS

- United States citizen.
- Have completed sophomore year, majoring in engineering, math, physics or chemistry.
- Minimum 3.3 GPA
- Have completed one year of calculus and calculus-based physics.
- No more than 26 1/2 years old at time of commissioning.
- Meet Navy's physical standards.

FOR MORE INFO, CALL: LT Williams  
1-800-322-6289 in IL, 1-800-446-6289 in MO.



# NAVY OFFICER

You and the Navy.  
Full Speed Ahead.



### Vision Teaser



Find at least six differences in details between panels.

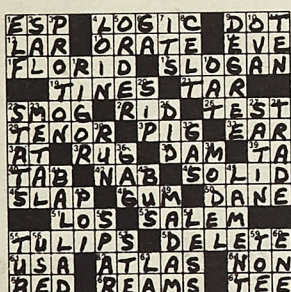


Differences: 1. Trees are missing. 2. Pole is moved. 3. Hand is higher. 4. Coat is shorter. 5. Tie is longer. 6. Billboard is added.



### Solutions

from page 6



## ASUM

### Lobbying Internships

The Associated Students of the University of Missouri-Rolla will be accepting applications for the 1994 session of the State Legislature in Jefferson City.

**Political Experience:** The ASUM Lobbying Internship offers students the opportunity to lobby for student needs in Jefferson City. You will have the opportunity to meet with elected officials in the state legislature and learn about the political process.

**Credit Hours:** All ASUM internships are organized through the political science department. Participants will receive credit hours for time spent in the state capitol. They will also be reimbursed for mileage to and from Jefferson City.

*"In high school civics class, it all seemed so swell and simple when you heard the spiel about 'how a bill becomes a law.' It's a lot more complicated than that, and my internship with ASUM helped clarify this process, filling in some of the intriguing and detailed background and legwork involved."*

Jason Boles - Former Intern

To pick up an application or more information, please stop by the ASUM office at 212 University Center West, or call 341-4970. Deadline for applications will be October 8 and interviews will be held the week of October 11.

*The Student Voice in State Government*

### Society of Mining Engineers

WEEKLY BRAT AND HOT DOG SALES  
EVERY TUESDAY FROM 10:30 TO 1:00pm  
IN FRONT OF McNUTT

profits go to charity committee to benefit family at Christmas

## FREE TUTORING

For any basic Arts and Sciences Courses

Available in G-4 H/SS as part of A.S. Assist Program

for more information:





**HOME COMING**  
**and**  
**GYROSCOPE**

JOIN US FOR FOOD AND FUN  
 BEFORE THE GAME!  
 Saturday, October 2nd, from 11:30-1:30  
 Food tickets: \$2.00 in advance  
 or \$2.50 at the game!  
 Buy them at the Queen's/ T-Shirt table!

## Gossip

from page 9

Scott  
I guess you are right about all guys never  
being able to resist

STINKY

Karen,  
You are an awesome little sis!  
Lico, YBS

Willie,  
Just wanted to say hi! When are we gonna go  
to Phi Kappas and hang out?  
You know who

TJ  
I made it until hayride just like I said  
Lico,  
YR

I love my little sis and my little little sis. When do  
we go to S.O.P. to celebrate?  
Lico,  
Tara

WOO WOO MINERS!  
Go #85 and #19 - feed the chicks!!!  
From you fan club

Barbie,  
You and Ken were made for each other!  
Lico,  
Your Sisters

Susie  
Great job on Hayride! It was a blast!  
Lico, Your Sisters

Sonya, Maya, and Debbie  
Thanks for being such good friends and  
thanks for your support at the soccer games.  
Lico, Angela

AJ  
Welcome to the family!  
Lico, YBBS

Sully,  
You're Bad!  
Suzy Q

Susirbird,  
What time does the shuttle leave?  
Lico,  
Juliebird

Will room #1 have 2 vacancies next semester or  
what?  
Just Wondering

Becky,  
I'm leaving you behind. Maybe you'll catch  
up.  
Lico,  
Your Acale Buddy

To the composite committee,  
TEAM  
Lico,  
Angela

Nina & Andrea,  
Is that a dog? Quick into the phone closet  
Lico,  
Angela

Sigma Pi-  
We corrected our mistake  
Thanks for being such great sports!  
The composite commit-

tee  
Sonya,  
Has anyone visited your "den" recently?  
Lico,  
Becky

Lisa,  
Thanks for the cookies! Have you gotten any  
strange phone calls recently?  
Lico,  
Becky

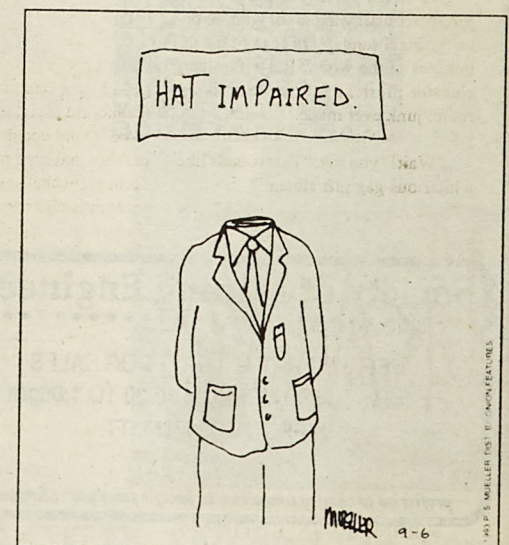
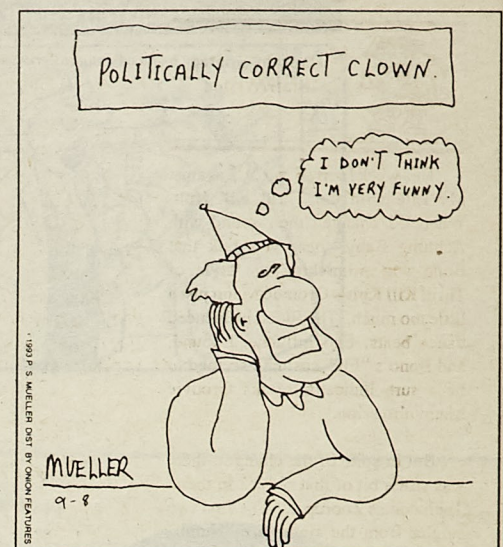
Pikes,  
Let's go boot scootin' and circle to the left like  
everything!  
From you Chi-O hayride dates

AJ-  
You are an awesome lil' sis!  
Lico, YBS

Hugaka,  
Because, Just Because  
Guy

Jen,  
The Eagles said it best with "I hope it's not just  
wasted time," but no matter what happens, "you  
can always count on a friend."  
A secret admirer

## P. S. Mueller





# Captain Goatee's weekly review



Captain Goatee  
Staff Writer

This week I sort of "pit" U2 against My Life with the Thrill Kill Kult. When U2 changed their sound with Achtung Baby, there was talk that Bono was mimicking the style of Thrill Kill Kult's Groovie Mann just a little too much. The Flood influenced dance beats, Eno influenced sound, and Bono's "Fly" costume seemed to be a sure indicator of his Groovie Mann obsession.

But in spite of the changes, there was still a bit of that old U2 in there. Then comes Zooropa... The first two singles from the album are "Numb" and "Lemon." These aren't exactly favorable names to describe the music, but we'll see if U2 has changed completely and if Bono has become "Groovie" Bono.

I also look at the latest EP from techno man Moby and first, the absolutely worthless Grunge Lite album.

## Album Review

### Grunge Lite

Sara DeBell  
C/Z Records, Ltd. (1993)  
2 goatees

DON'T BUY THIS ALBUM. IT IS HORRENDOUS. Grunge Lite is the worst album I have heard in a long while. The cover features a girl and guy with an acoustic guitar, and the back reveals songs by Nirvana, Pearl Jam, and Soundgarden among others. When I first saw the cover, I thought "Hmm, Tori Amos did a classic slow acoustic version of 'Smells Like Teen Spirit', and someone stole her idea. This album might be good."

WRONG! This is NOT slow, pretty, acoustic versions of your favorite grunge songs. Instead it is 40 minutes of the worst, all synthesizer, elevator music, made in your living room, junk ever made.

"Wait!" you say, "That sounds like a hilarious gag gift album."



WRONG AGAIN! It isn't cheesy, it isn't funny, it isn't even annoying in that special sort of way. It just plain

bites. It sets the low end of the Captain Goatee rating curve. The only song that is even remotely worth listening to is the bonus track of Nirvana's "Negative Creep". It's the only really violent, piss and vinegar song covered on this album, and, for some reason, the synthesized strings substituted for Kurt's howling are almost funny. Almost...

OK, a recap. Repeat after me. I WILL NOT BUY GRUNGE LITE. IT ISN'T ACOUSTIC. IT ISN'T FUNNY. IT JUST PLAIN SUCKS.

## Album Review

### Zooropa

U2  
Island (1993)  
7 goatees

My friends know that I'm not too fond of the "new" U2. The band has followed the path of R.E.M. and traded in their old standard sound for a studio substitute. A band which once wrote urgent music with a purpose has drifted to crafting music that is neither as grand or as personal as what it used to be.



U2 seems to have given up on the 4 man band idea and added Flood and Brian Eno as members. Their synthesizer and dance beat additions have changed the sound of U2 from performing rock band to some sort of modern day industrial-rock-techno-ballad group. It may not be that terrible of a change, but I don't like the situation. From what I've read, the guys in the band starting listening to techno/industrial music, decided they liked it, and decided they should start making that type of music. It doesn't seem right that they should hire two great musicians and producers to help convert their sound.

Ok, off of my soapbox.

I know in the back of my mind that none of this should really judge the music. What does anyone care how a record was made? (I won't bring up Milli Vanilli because both Eno and Flood are credited somewhat.) What really matters is the sound quality. So I'll try to judge Zooropa without thinking about the U2 of my youth. I figure, if you want to go off about the new U2, you had better first have all of the old stuff on CD.

So what does Zooropa offer? Well, it's really not that bad. The old U2 pushes through a bit on some songs. "Dirty Day" is mellow and fairly nice. Bono voice drifts from normal to falsetto along slow lines of melody. It's a good song that flows well and has a good structure. "Stay (Faraway, So Close)" sounds like an "old" U2 song. It's still rather straightforward, and Bono actually gets around to some characteristic soaring on the vocals.

Squeezed around "Stay" are "Lemon" and "Daddy's Gonna Pay for Your Crashed Car." "Lemon" is acceptable, but it really lacks any coherency and seems to be based around some sound experimenting of Brian Eno's. It has Bono singing some weird, falsetto backup and it's main endearing feature is that it has lots of quirkiness. Go figure though, it's the newest single. There are better choices on the album, but for some reason, U2 has decided to market itself as a nouveau industrial band.

The best "weird" track is obviously "Numb." It's kind of odd, kind of funky and it has that dark mystery that worked well on Achtung Baby's "The Fly." Unfortunately, MTV and radio have played it 30 billion times, and I'm getting sick of it. "Numb" does not belong on some booming car stereo. It should really be played in a dark club with nifty black lights and stuff. Beach MTV just isn't quite the right setting for it.

The album closes with "The Wanderer." It's a neat song because it features Johnny Cash on lead vocals. Unfortunately the synthesizer in the background sounds like a Casio mini-keyboard rumba dance beat, and Cash's voice is lost a bit in the mix. The gospel harmonies are very simple, and I can definitely say that this isn't "Ring of Fire." Still, lots of pluses go to U2 for getting the Man in Black. The big drawback of the track is that if you let the song play out, you will be offered a loud beeping signal. It sounds just like my alarm clock, and quite frankly, I don't like it. Is this annoying little ending some kind of statement from the Edge that I'm not getting?

Zooropa has a few high points, but, for the most part, the album sounds like a bunch of music made while Brian Eno and Flood showed the guys how to make this kind of music. U2 has found a new "toy" in this new sound of theirs and they'd like the whole world to hear them play with it. It's not a terrible album, and it makes nice background music if you just want to study or something. I wouldn't listen to it too hard or you'll find it has little substance. The real music comes from the bands U2 has based its new sound on. They know what they are doing, and thankfully, they aren't trying to turn into the old U2. So if you

want the old stuff, go back and buy new CD's to replace those worn out tapes. If you want the new stuff, go find those groups that have inspired the new U2 sound.

(Warning: Please take this review with the knowledge that poor old Captain Goatee has a hang-up with the new U2 sound. I tried to be un-biased, but it might not have worked out that way. Thanks.)

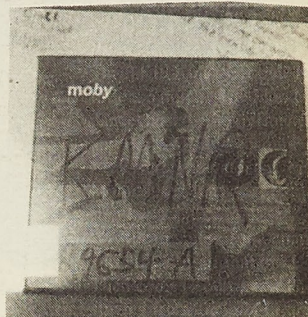
## Album Review

### 13 Above the Night

My Life with the Thrill Kill Kult  
Interscope/Atlantic (1993)  
10 goatees

The old My Life with the Thrill Kill Kult was fun, and the dance techno sound was disco funky. The movie, Cool World, help boost the "Sex on Wheels" single into the public eye, and all of the sudden, people knew

who the Thrill Kill Kult was. As a result, their album, Sexplosion, was picked up by a major label, and now 1993 brings us 13 Above the Night. All I can say is "wow." I had always liked all of the Thrill Kill Kult I had heard before, but this new album is a new level.



see Goatee, page 21

## Sign up to begin signing

Signing Exact English is different from American Sign Language (ASL). SEE II is a sign system that matches signs with the English language—plurals, affixes, and tenses. It is becoming very popular in school systems around the country and is teaching hearing impaired children to develop good English skills. It is NOT a replacement for ASL, but a means for the hearing impaired to effectively read and write English, even though they are not able to hear the spoken words.

All classes will be held at the First Baptist Church in Rolla.

For more information, call DEAF Inc. at 341-3442 on Mondays and Wednesdays between 8 am and 2 pm.

DEAF Inc. of Rolla will be conducting Beginning Signing Exact English Classes (SEE II) October 7 to December 16. The classes will be held on Thursdays from 6:30 - 8:30 pm. There will be 10 sessions.

The fee for the classes is \$50 per person, \$65 per family, and group rates are available. Age limits are 14 to adult. A textbook will be available and helpful, but will not be required.

## EIT review session schedule

(Tues) October 5  
EIT Review Session  
Electrical Circuits CE 114 7pm

(Thurs) October 7  
EIT Review Session  
Statics & Dynamics CE 117 7pm

(Tues) October 12  
EIT Review Session  
Engineering Economics  
H-SS G-5 7pm

(Thurs) October 14  
EIT Review Session  
Mechanics of Materials CE 114 7pm

(Tues) October 19  
EIT Review Session  
Mathematics CE 114 7pm

(Tues) October 26  
EIT Review Session  
Thermodynamics CE 117 7pm

(Thurs) October 28  
EIT Review Session  
Fluid Mechanics CE 114 7pm

(Sat) October 30  
EIT





The men of Theta Xi are proud to introduce as our Homecoming Queen Candidate Miss T. J. Davenport. T. J. is the daughter of Paul E. and Regina R. Davenport from Weston, Missouri. T. J., a senior in Civil Engineering, has always taken an active role here at UMR. T. J. is a member of Chi Omega Sorority and is currently serving her second semester as president. In addition to her membership she has represented Chi Omega in Panhellenic Council serving as secretary/treasurer. T. J. is also active in the AF-ROTC and Arnold Air Society. She is a member of Lambda Sigma Pi and is currently serving as Greek Judicial Board Co-Chair. T. J. is active in intramurals as well as other campus activities. We are pleased and honored to be so well represented for Homecoming Queen.



The women of UMR's Panhellenic Council present Ms. Julie Schroer as their Homecoming Queen Candidate. Julie is the daughter of Joseph and Janet Shroer of Jefferson City, MO. She is a senior in Mechanical Engineering with an emphasis in Manufacturing.

Julie has been in Panhellenic for four years and is currently serving as Vice President. She has also served Panhellenic as Sorority Relations chairman and as PR/Historian chairman. She has been a member of Kappa Delta Sorority for four years and has held the offices of Scholarship Chairman, Secretary, Panhellenic Representative, and Special Events/Homecoming Chairman. She has also been active in Alpha Phi Omega, American Society of Mechanical Engineers, and intramural sports.



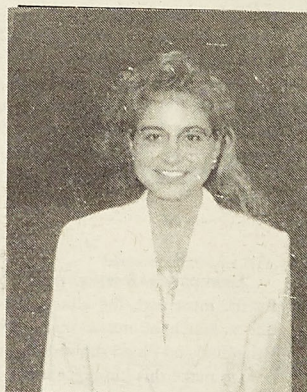
Kappa Delta Sorority is pleased to announce Denise Ratcliff as our candidate for Homecoming queen. Denise is the daughter of Mr. and Mrs. Bob Ratcliff of Eldon, MO. She is a senior majoring in chemical engineering. She has been active in Kappa Delta Sorority for eight semesters and has held positions as secretary, asst. treasurer, and treasurer. Her other campus activities include Blue Key, AICHE, SWE, Phi Eta Sigma, UMR Panhellenic Council, UMR Women's Advisory Committee, Omega Chi Epsilon treasurer, IK, Madrigal Singers, Tau Beta Pi, and concert band. We feel Denise deserves this honor and wish her the best of luck.



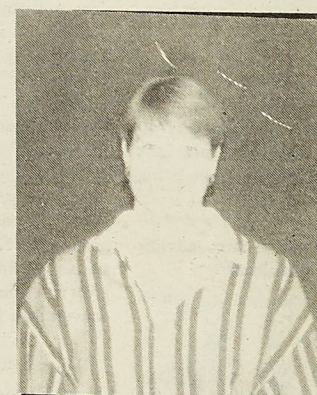
Rakiyah Mason is the daughter of Barrie-Jill Mason from St. Louis, Missouri. Rakiyah is a senior in Mechanical Engineering with plans to complete her master's degree in Biomedical Engineering. As a student at UMR, she has been involved in several organizations such as Pi Tau Sigma Mechanical engineering Honor Society, Tau Beta Pi National Engineering Honor Society, the Mechanical Engineering Honors Program, and the National Society of Black Engineers. In addition to her participation on campus, Rakiyah also donates her time to help her community. She has coached novice tennis for the Illinois State Special Olympics tournament and has judged science fair projects at Truman Elementary. The members of the Association for Black Students are proud to present Rakiyah Mason as our Homecoming Queen candidate.



Beta Sigma Psi is proud to announce Rebecca Light as their 1993 Homecoming Queen Candidate. Rebecca, the daughter of Charles and Farron Light from Rolla, MO, is a Junior in Electrical Engineering. Her campus activities include Kappa Delta, where she is currently Vice President of Pledge Education, Panhellenic Council, IEEE, SWE, and Phi Eta Sigma. We wish Rebecca the best of luck.



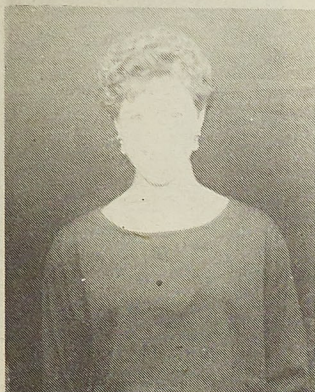
The men of Alpha Epsilon Pi are proud to present Miss Lori Emmons as our candidate for Homecoming Queen 1993. Miss Emmons is involved in a variety of campus activities including AICHE, Gamma Alpha Delta, SWE, the Daughters of the Lion, and the Newman Center. Miss Emmons also does volunteer work in education and at local hospitals. The men of Alpha Epsilon Pi wish her and all the candidates the best of luck.



Cathy Carlisle is the daughter of James T. and Marilyn S. Carlisle of Palm Beach Gardens, Florida. She is a senior in Metallurgical Engineering. She played varsity soccer for four years, is an alumni member of Omega Sigma, and has been a member of GDI for the last three years.



# Qns



The sisters of Chi Omega proudly present Miss Sandy Junge, daughter of Diane Junge of St. Louis, MO, as our 1993 Homecoming Candidate. Sandy has energetically immersed herself in activities across campus while maintaining her 4.0 as a senior in mechanical engineering. She has been very involved in Chi Omega as pledge trainer and house manager, as well as the UMR Transfer Student Association as president. During her college career Sandy has been active in UMR T.E.C.H.S. Peer Counseling, Tau Beta Pi, Engineering Honor Society, Phi Kappa Phi Honor Society, the Society of Women Engineers, and KMNR. With her vivacious personality, we feel that Sandy is the ideal choice for Homecoming Queen. Chi Omega wishes Sandy the best of luck.



Tau Beta Sigma and Kappa Kappa Psi, National Honorary Band Fraternities, proudly present 1993 Homecoming Queen candidate, Amy Keaton, of Belleville, IL. Amy is a Junior in Civil Engineering and is active in other campus activities as well. Amy is President of the Delta Xi Chapter of tau Beta Sigma, Activities Chairman for Chi Omega, and is a member of the UMR Marching Band. She has also held other offices in these organizations such as Color Guard Section leader in Marching Band and Corresponding Secretary in Tau Beta Sigma. The membership of Kappa Kappa Psi and Tau Beta Sigma feel Amy Keaton's campus involvement and leadership skills make her stand out as an excellent for Homecoming Queen, and we wish her good luck in Homecoming 1993.



The University of Missouri-Rolla's Student Council is proud to present Miss Brandi Michelle Lear as its 1993 Homecoming Queen candidate. Brandi, the daughter of William and Luann Lear of Knob Noster, Missouri, is pursuing majors in both Nuclear Engineering and Applied Mathematics, along with getting her teaching certification. Brandi currently is the Student Council Public relations Committee Chairman. While being an active member of the Quadrangle Hall Association, she also belongs to the Society of Women Engineers and the American Nuclear Society. Brandi also serves on the Student Affairs Committee and the Academic Council. Brandi has represented the women of the Quad as a manager in the Intramurals Manager Association, and she is presently an alternate Residential Assistant. Brandi is an outgoing individual, and we are proud to have her as our 1993 Homecoming Queen Candidate.



The Residence Hall Association of the University of Missouri-Rolla is proud to present Christina Anne Steck as our 1993 Homecoming Queen Candidate. Tina, daughter of David and Anita Steck of St. Louis, is a sophomore pursuing a degree in Mechanical Engineering. She is very involved in the Residence Halls as an officer on the QHA Executive Board, a delegate to the National Association of College and University Residence Halls 1993 Conference, and as a member of various committees. Her other campus activities include membership in the Society of Women Engineers and being an EXCEL Facilitator. We wish the best of luck to Tina!



The men of Kappa Sigma are proud to present Miss Susan Jamboretz as our candidate for Homecoming Queen 1993. Susan, the daughter of Thomas and Mary Kay Jamboretz of St. Louis, MO, is a member of Zeta Tau Alpha and has been active in her sorority. She is a senior in Civil Engineering and belongs to ASCE and Chi Epsilon. We wish the best of luck to Susan and hope everyone has a good homecoming.



The staff of the Missouri Miner are proud to announce Miss Elizabeth Kladuson, daughter of Leonard and Carol Kladuson of Mission, Kansas, as our 1993 Homecoming Queen candidate. Elizabeth is a member of the Chi Omega, Association of Engineering Geologists, and on the staff of the Miner. The staff of the Miner would like to wish Elizabeth the best of luck during this years Homecoming.



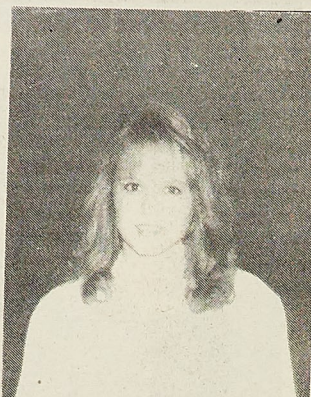
Sigma Phi Epsilon is proud to have Valerie Osborn representing us as our Homecoming Queen Candidate. Valerie is a sophomore majoring in Civil Engineering. She is playing for the Lady Miner's softball team for the second year. Valerie spends her free time participating in Gamma Eta, a service organization, and the American Society of Civil Engineers. Best of luck Valerie!!



# Queens



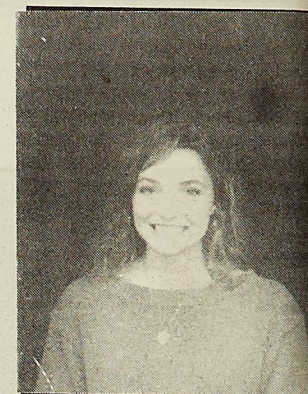
The men of Sigma Chi are proud to present Julie Donnelly as their homecoming queen candidate. Julie is the daughter of Joseph and Maria Donnelly and is from Chesterfield, MO. She is currently a Junior majoring in Chemical Engineering. At UMR she has been a member of the Cross Country and Track teams and has been active in UMR TECHS and AICHE. In addition, Julie has served on TJHA as floor vice-president, and served as the Newman Center's representative to Student Council. She is currently a RA for 5 North at TJ. The men of Sigma Chi give her their best wishes.



The men of Sigma Nu extend our sincerest congratulations and support to Miss Amy Ruhland, daughter of Timothy and Margaret Ruhland of St. Louis Missouri as our 1993 Homecoming Queen Candidate. Amy is a sophomore majoring in Civil Engineering. Amy is currently an active member of Chi Omega where she served as her pledge class community service chairperson. She is also a member of the Intercollegiate Knights, Lambda Sigma Pi, Little Sisters of the White Star and the staff of the Missouri Miner. Sigma Nu would like to wish Amy the best of luck during this year's homecoming.



The member of the M-Club are proud to present Ms. Kristan King as our Homecoming queen candidate. Kristan, daughter of Richard and Susan King of Overland Park, Kansas, is a junior majoring in Metallurgical Engineering who has been in the honor roll three semesters. She is a member of the Daughters of Lee, the Society of Metallurgical Engineers, and the American Foundrymen's Society. She is also active in the M-Club, as she currently holds the office of publicity. Kristan is also Captain of the Women's softball team, where last year she earned second team All-MIAA and All-Academic MIAA honors in the outfield.



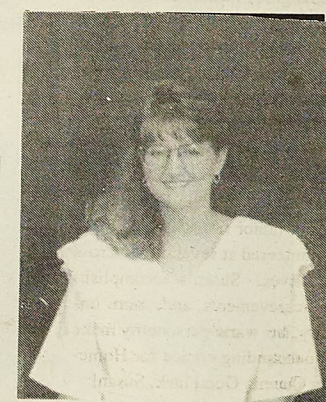
The Brothers of Kappa Alpha Order are proud to announce our 1993 Homecoming Queen candidate, Teresa Heithaus. Teresa is the daughter of Ken & Sue Heithaus from Springfield, MO. She is a Sophomore majoring in Civil Engineering. She is active in several campus organizations while maintaining a 4.0 G.P.A. Her activities include Student Advisor for the Chancellor's Leadership Class, Phi Eta Sigma, Intercollegiate Knights, and the S.U.B. Concerts committee. Teresa exemplifies Kappa Alpha's spirit of dedication to service and excellence. The men of Kappa Alpha wish both her and the other Queen candidates the best of luck.



Nicole Winter, the daughter of Kathy and Steve Winters, is from High Ridge, Missouri. She is a sophomore in Mining Engineering. Nicole is also an active member of Zeta Tau Alpha and IK and is the treasurer of Delta Delta Service Organization. We the members of Tau Kappa Epsilon are proud to have her as our 1993 Homecoming queen candidate and wish her the best of luck.



The men of Sigma Pi are pleased to present our candidate for 1993 Homecoming Queen, Mary Rohrbacher, a sophomore from St. Louis majoring in civil engineering. Mary enjoys success as a starting pitcher for the Lady Miner Varsity softball team. She will be a new initiate of Zeta Tau Alpha this semester as well as the rush chairman for Delta Epsilon, a Sigma Pi affiliated service organization. We wish her the best of luck.

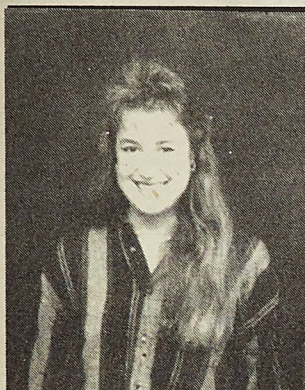


Pi Kappa Phi is proud to present Miss Stacy Doing as our 1993 Homecoming Queen Candidate. Stacy is a senior majoring in geological engineering and is from Springfield, MO. She has been the philanthropy chairman and the alumni relations chairman of Kappa Delta sorority, the recorder and the introductory council secretary of Tau Beta Sigma, a member of the Student Health Advisory Board and a member of the Association of Engineering Geologists. We wish Stacy the best of luck.

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# Queens



The men of Pi Kappa Alpha announce with pride our 1993 Homecoming Queen Candidate, Susan Lorene Race. Susan, from the beautiful town of Leawood, Kansas, is studying geological engineering and plans to graduate in December. During her college years here at UMR, Susan has involved herself in many different activities and organizations. She is a member of Chi Omega sorority where she has served two semesters as social chairman. She has shown leadership ability in the service organization Lambda Sigma Pi where she served as fundraising chairman and treasurer. Susan is also dedicated to her field of study. She has taught GE 50 lab as a student assistant, volunteered at the annual GE phone-a-thon, and is a member of the Association of Engineering Geologists. Currently she is pledging Sigma Gamma Epsilon, the geological honor fraternity. She has also volunteered at several Red Cross Blood Drives. Susan's accomplishments, achievements, and, more importantly, her warm personality make her an outstanding choice for Homecoming Queen. Good luck, Susan!



The ladies of Zeta Tau Alpha are proud to present Miss Janice Struckoff as our 1993 Homecoming Queen Candidate. Janice, the daughter of Mr. and Mrs. Lawrence Struckoff of Augusta, MO is a senior majoring in Mechanical Engineering. As a member of Zeta Tau Alpha, she has served as treasurer and house manager. On campus, Janice is involved in many activities, which have included Phi Eta Sigma, Tau Beta Pi, Pi Tau Sigma, and the American Society of Mechanical Engineers. We feel that Janice's outgoing personality and enthusiasm will make her the ideal candidate for 1993 Homecoming Queen.



The men of Acacia are proud to sponsor Jana Neal as their Homecoming 1993 Queen Candidate. Jana, the daughter of Tom and Susan Neal of Camdenton, Missouri, is a senior majoring in Psychology. Jana is very active in Delta Delta Service Sorority, having held the offices of president, vice-president, and secretary. She is also a member of Phi Eta Sigma, Psi Club, English Club, IK, and has been a member of UMR Cheerleader and an associate member of the Kappa Delta, as well as involvement in other organizations. We wish her the best of luck!



The men of Phi Kappa Theta Fraternity are proud to present Kim Thone as our Homecoming Queen Candidate for the 1993-94 school year. Kim, daughter of Ken and Joann Thone of Florissant, Missouri, is a senior majoring in Engineering Management with a preference in Electrical Engineering. She has acquired a cumulative grade point of 2.75 and is a member of Zeta Tau Alpha sorority. Kim is also involved in Lambda Sigma Pi, Omega Sigma, and A. S. E. M. We wish the best of luck to Kim in this year's Homecoming Queen competition.



Thomas Jefferson Hall Association proudly nominates Miss Amy Sauer as our 1993 Homecoming Queen Candidate. Amy, the daughter of Mrs. Joseph Sauer, is from High Ridge, Mo. She is a junior majoring in Civil Engineering, a member of the Society of Women Engineers, and is involved in the American Society of Civil Engineers. Amy is currently active in intramural competition and is a former soccer player for the Lady Miners. Amy is an outgoing person and TJHA is honored to present her as our queen candidate.

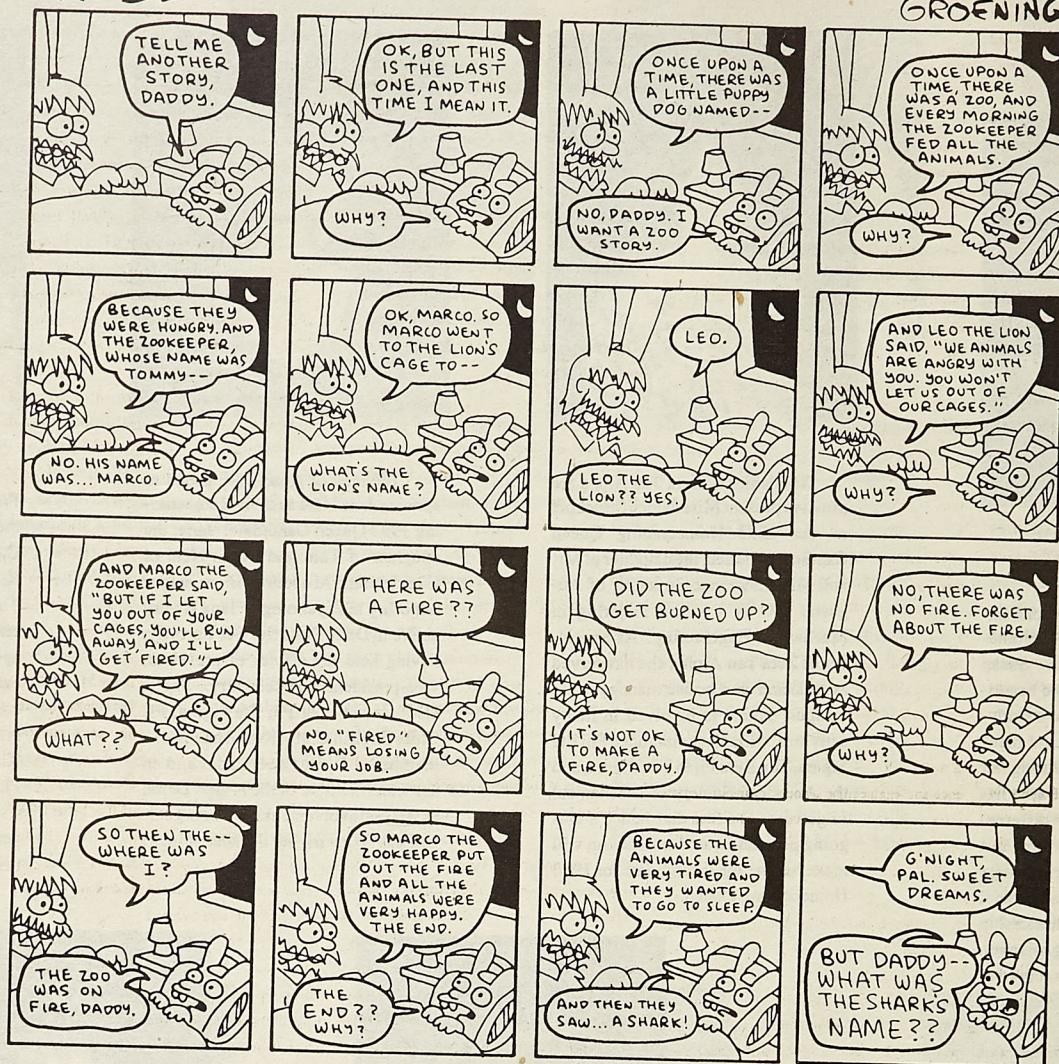


Omega Sigma presents Tricia Rudloff as their Homecoming Queen candidate. This is Tricia's third semester as a member of Omega Sigma, and last semester she served as the Social Officer. Tricia's other organizational involvement includes Kappa Delta Sorority, where she has held the offices of Assistant Social and Activities Director; Society of Women Engineers; and American Institute of Aeronautics and Astronautics. Tricia is originally from Norfolk, Nebraska, and has come to UMR to study aerospace engineering.



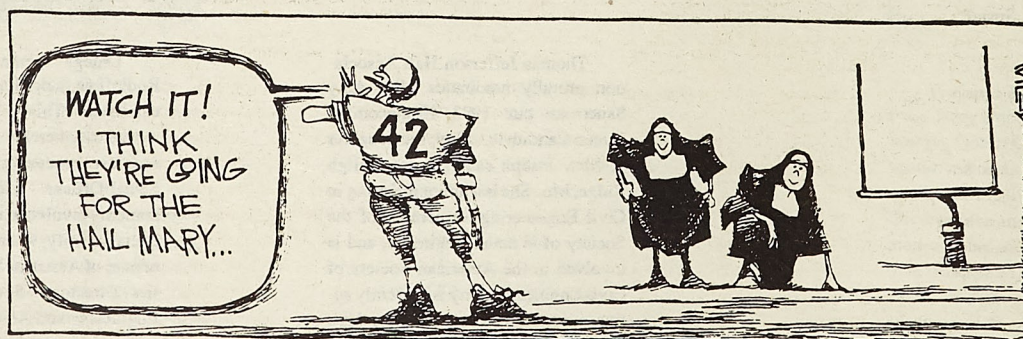
# LIFE IN HELL

©1993 BY MATT GROENING



## Non Sequitur

by Vey





## Aid

These awards are open to any undergraduate student in the United States or Canada. The student shall have achieved senior status in a four-year or longer undergraduate program in engineering, construction, or technology during the year for which the awards are presented. The awards will be made on the basis of demonstrated interest and ability to work in the field of concrete construction.

The student must have a course load of 6 or more credit hours each semester during the period for which the award is made.

The student must be a senior during the year for which the award is made (not necessarily at the time of application).

Transcripts, recommendations, and an essay must be submitted as outlined on the application form. **APPLICATION AVAILABLE IN THE STUDENT FINANCIAL AID OFFICE, G-1 PARKER HALL.**

**COMPLETED APPLICATIONS MUST BE RECEIVED IN DETRIOT NO LATER THAN JANUARY 29, 1994.**

**The Prentice Hall Guide to SCHOLARSHIPS and FELLOWSHIPS For Math and Science Students**, written by Mark Kantrowitz and Joann P. DiGennaro, offers students at all grade levels, more than 250 full listings of college scholarships, graduate fellowships, plus 84 contests and competitions, summer programs, and research programs in science, mathematics, engineering, and "general category" programs.

Prepared by two leading experts, the book was originally developed as a scholarship guide for *Research Science Institute* students and alumni. Over the years it has continually been revised and updated by Joann P. DiGennaro. Often noted as the *only* book to focus on opportunities for mathematics, science, and engineering students at the high school, undergraduate, and graduate levels, the authors have decided to make it accessible to a much greater audience.

Joann DiGennaro is President of the *Center for Excellence in Education*, a private, nonprofit educational foundation dedicated to improving United States science and mathematics education through innovative programs. Ms. DiGennaro established the Center (formerly the *Admiral H.G. Rickover Foundation*) with Admiral Rickover in 1983.

The Center provides programs and opportunities for academically talented students, and sponsors a six week intensive program, developed with leading educators from the U.S. and other nation. The organization has had more of its students as Wet- inghouse Science Talent Search honorees and winners than any other educational organizations in the country.

Mark Kantrowitz, a recipient of a National Science Foundation Graduate Fellowship and a Hertz Foundation Research Fellowship Grant, is a member of numerous professional organizations with two B. S. degrees from MIT, an M. S. from Carnegie Mellon University.

**The Prentice Hall Guide to SCHOLARSHIPS AND FELLOWSHIPS For Math and Science Students** is the first guide to show students interested in careers in math, science, or engineering how to tap sources of financial aid for undergradu-

ate and graduate study. Locating these programs is as easy as checking the table of contents, which lists them alphabetically, or scanning the index, which present the programs by category, topic or focus, and key words such as sponsoring organizations.

Published by Prentice Hall Career & Personal Publishing, a unit of Paramount Publishing Business, Technical and Professional Publishing Group. Paramount Publishing is the publishing/information unit of Paramount Communications, Inc.

### Prentice Hall Guide to SCHOLARSHIPS AND FELLOWSHIPS

#### for MATH and SCIENCE STUDENTS

by Mark Kantrowitz and Joann P. DiGennaro  
Price \$19.95 (paper); \$29.95 (cloth)

### 1994 DOE INTEGRATED MANUFACTURING FELLOWSHIPS

#### HOW TO APPLY - IN BRIEF

Prospective fellowship applicants may request initial application materials from the following sources:

1. By writing to the Fellowship Office, National Research Council, 2101 Constitution Avenue, Washington D. C. 20418, or telephoning (202) 334-2872.

2. On campus from graduate deans, deans of science and engineering schools, heads of departments in disciplines related to the fellowship, fellowship offices, and financial aid offices that have requested materials.

A complete application consists of the following: Fellowship Application-Part 1, Fellowship Application-Part 2, Proposed Plan of Study and Research, Previous Research and Experience, Undergraduate GPA Form, academic transcripts, and Reference Report forms. After an applicant has completed and returned Fellowship Application-Part 1 to the Fellowship Office, NRC, an application packet containing the remaining forms will be sent to the applicant.

**IMPORTANT:** Each applicant should arrange with registrars and referees to have transcripts and Reference Report forms mailed/delivered directly to the applicant in sealed envelopes. The transcripts, Reference Report forms, and other application materials should be placed in the return envelope with the fellowship Application-Part 2 and mailed to the Fellowship Office. **Do not delay mailing of the Application-Part 2** in order to include all materials; items not included with the Application-Part 2 may be mailed somewhat later but without undue delay.

It is suggested that applicants obtain a record of the mailing dates by requesting a "Certificate of Mailing" from the post office.

#### SCHEDULE AND DEADLINES

**November 5, 1993 - Postmark deadline for Fellowship Application-Part 1.** This form must be mailed to the Fellowship Office, NRC, in an envelope postmarked no later than November 5, or to be delivered in person by that date.

**January 4, 1994 - Postmark deadline for fellow-**

**ship Application-Part 2.** The following materials should be mailed with Application-Part 2: Proposed Plan of Study and research, Previous Research and Experience, Undergraduate GPA Form, transcripts and Reference Report forms, with exceptions noted below under the January 24 deadline. **These materials must be mailed to the Fellowship Office, NRC, in an envelope postmarked no later than January 4 or to be delivered in person by that date.** Items not included with the Application-Part 2 may be mailed somewhat later but without undue delay.

**January 24, 1994 - Deferred date for receipt of transcripts that report courses and grades for the fall 1993 term.** Deferred date for receipt of Reference Report forms from certain referees if the applicant has recently entered a new department. Reference reports in this category will be accepted until January 24.

The Harry S. Truman Scholarship Foundation was established by Congress in 1975 as the official federal memorial to honor the thirty-third President of the United States.

In 1993 up to 85 scholarships will be awarded. A Truman Scholarship provides up to \$30,000, \$3,000 for the senior year of undergraduate education and \$27,000 for graduate studies.

Nominees have to be juniors who expect to receive their baccalaureate degrees between December, 1994 and August, 1995. Nominees have to be ranked in the upper quarter of their class and be United States citizens.

Also, nominees have to be committed to a career in public service. The Truman Foundation defines public service as "employment in: government at any level, uniformed services, public-interest organizations, nongovernmental research and/or educational organizations, and public-service oriented non-profit organizations such as those whose primary purposes are to help needy or disadvantaged persons or to protect the environment."

The University of Missouri-Rolla can nominate three students. Academic departments are encouraged to send potential nominees to Donald B. Oster, Associate Professor of History, room 124, H-SS Building, for preliminary screening. Oster's campus phone is 4817.

Students need to contact Oster before October 15, as the nomination process must be completed before December 2.

### INTRODUCTION TO BIOMEDICAL RESEARCH ENCOURAGES MINORITY STUDENTS TO PURSUE SCIENCE CAREER

Are you an academically talented minority student in your junior or senior year of college? Or in your first year of graduate or medical school? Are you interested in a career in biomedical research.

The National Institute Allergy and Infectious Diseases (NIAID) in Bethesda, Md., offers the Introduction to Biomedical Research Program that acquaints academically talented minority students with career opportunities in biomedical research.

"This program offers minority students from across the country an in-depth and intense four-day introduction to NIAID-NIH," said Vincent A. Thomas, M. S. W., M. P. A., program director. "This initiative grew out of the Institute's concern about the underrepresentation of minorities in the scientific pool. Our goal is to increase the number of minority scientists."

NIAID, a component of the National Institutes of Health (NIH), focuses on investigations on the causes of allergic, immunologic and infectious diseases and development of better means to prevent, diagnose and treat these illnesses. In addition to researchers working in NIAID laboratories, NIAID supports scientists at U. S. universities, medical schools and research institutions to conduct scientific studies on various diseases, including AIDS, tuberculosis, hay fever, hives, Lyme disease, tropical diseases and sexually transmitted diseases.

Approximately 55 students will be selected for the 1994 program, scheduled for Feb. 6 to 10. They will attend a series of lectures by NIH scientists and will tour the renowned NIH Clinical Center, one of the world's largest research hospitals. They will have face-to-face discussions with scientists about current research initiatives and advances as well as career concerns. All participants will be provided with expenses and round-trip transportation to the Bethesda camp.

The students also will have the opportunity to apply for summer positions in the NIAID Division of Intramural research. These jobs provide opportunities to increase students' knowledge and understanding of biomedical research, career paths and the types of positions available at NIH.

Applicants must have a 3.0 or better GPA and be recommended by the deans and faculty members of their schools. Selection is based on these recommendations and the students' personal and academic achievements.

For an application packet, contact NIAID at 9000 Rockville Pike, Building 31, Room 7a19, Bethesda, Md. 20892 or call (301) 496-4846. Applications also may be obtained from the college or university dean or representatives for NIH programs such as Minority Access to Research Careers or Minority Biomedical Research Symposium. The completed application packet must be received at NIAID from the dean or chairperson no later than Dec. 3, 1993. Applicants will be notified by letter about final selections of participants after Dec. 17, 1993.

The AHP fellowship is designed to support highly capable students interested in pursuing a career in applied health physics. The program is open to U. S. citizens and permanent resident aliens who hold a B. S. degree in life or physical sciences, engineering, or mathematics and who have not completed more than one term of graduate school at the time of application.

SEED is currently accepting applications for 1994-95 awards. Applications must be received by 4:30 p. m., Monday, January 31, 1994. Fellowship selection will be announced in Mid-April 1994.

The AHP fellowship offers an annual stipend of \$14,400, payment for tuition and fees for study leading to a master's degree in applied health physics at a DOE-designated university program, and the opportunity to gain hands-on, practical experience in an applied health physics capacity at a DOE site during a three-month practicum.

Continuing fellowship support past the first 12 months is based upon participant performance in the initial year and review of a renewal application.

For application materials or additional information on the policies, procedures, and guidelines under which the program operates, please contact: The Applied Health Physics Fellowship Program, Science/Engineering Education Division, Oak Ridge Institute for Science and Education, P. O. Box 117, Oak Ridge, Tenn. 37831-0117, or call (615) 576-9279.

The Science/Engineering Education Division, through work at all levels of education from K-12 to postdoctoral, seeks to increase the nation's supply of scientists and engineers; to broaden the participation of minorities, women, and the disabled in science and engineering careers; to enhance teacher preparation and faculty development; to strengthen cooperation within the academic community and federal laboratories.

The Oak Ridge Institute for Science and Education (ORISE) was established by the U. S. Department of Energy to undertake national and international programs in science and engineering education, training and management systems, energy and environmental systems, and medical sciences. ORISE and its programs are operated by the Oak Ridge Associated Universities (ORAU) through a management and operating contract with the U. S. Department of Energy. Established in 1946, ORAU is a consortium of 65 colleges and universities.

The National Library of Poetry has announced that \$12,000 in prizes will be awarded this year to over 250 poets in the North American Open Poetry Contest. The deadline for the contest is September 30, 1993. The contest is open to everyone, but seniors are particularly welcome, and entry is FREE.

"Many of our previous winners have come from the ranks of senior citizens," said Howard Ely, contest director, "Maybe it's because they have had the opportunity to experience the many things in life which provide the 'raw material' for artistic creation."

Any poet, whether previously published or not, can be a winner. Every poem entered also has a chance to be published in a deluxe, hardbound anthology.

To enter, send ONE original poem, any subject and any style, to The National Library of Poetry, 11419 Cronridge Dr., P. O. Box 704-ZI, Owings Mills, MD 21117. The poem should be no more than 20 lines, and the poet's name and address should appear on the top of the page. Entries must be postmarked by September 30, 1993. A new contest opens October 1, 1993.

### THE ELIE WIESEL PRIZE IN ETHICS ESSAY CONTEST - 1994

#### ELIGIBILITY:

The contest is open to undergraduate seniors who are enrolled full-time at accredited, four year colleges or universities in the United States. Students must have registered senior status during the Fall 1993 semester.

See Aid page 22



## Campus-Wide Information

### Services: The Internet Gopher

What is the Internet Gopher?

The Internet Gopher is a distributed information storage and retrieval system developed at the University of Minnesota. It provides a convenient, cost effective means for making information and network resources available across the campus and across the Internet.

How is Gopher being used on campus?

The UMR Gopher is being offered to allow the campus to explore an alternative method for accessing online information (such as the mainframe-based UMRINFO) and to provide faculty, staff and students access to a growing number of Gopher servers at other universities and government facilities on the Internet. Computing Services will continue to investigate other "user-friendly" mechanisms for creating Campus-Wide Information Systems and delivering Internet access.

Computing Services has placed the Internet Gopher into operation as a part of the campus-wide information system services available to campus network users. Although the gopher client software is generally available on campus machines, from time to time, the structure of the menus and information items will be changed, moved or expanded. Due to the nature of the UMR Gopher environment, the dynamic nature of networked computing and the variety of desktop systems used as clients, some portions may not function properly.

What's out there?

UMR specific information includes a faculty/staff telephone and email directory, faculty lecture notes, Computing Services documentation, all of the information found in UMRINFO, the campus Library catalog system (LUMIN), and read access to the local NetNews groups.

Servers at the National Institute of Health, National Science Foundation, and National Center for Atmospheric Research will be of particular interest as well as those at other academic institutions.

How to access information on Gopher:

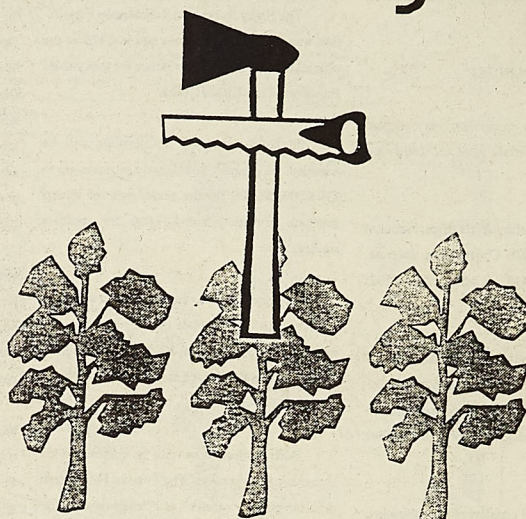
On campus, you can get to Gopher from any Novell attached PC or Mac. Some unix workstations can also reach our Gopher. Sorry, no mainframe version is available. From a PC, Gopher is started with the **gopher** command or through the UMRMENU application; after that, use the arrow keys and return, or a single click of the mouse to select an item. The high-lighted character in menu blocks, return key, or double click of the mouse will initiate an operation. On a Mac, locate the Gopher icon in the Campus Network Access folder on the MACINTOSH file server and double-click as usual to select items.

Questions, comments or problems with or about using the UMR Gopher should be directed to [helpdesk@umr.edu](mailto:helpdesk@umr.edu). Inquiries regarding how you might make your information available via the UMR Gopher should be directed to [gopher@umr.edu](mailto:gopher@umr.edu).

Hi 9 S,  
Dyrk  
(on crutches)

## Wesley Woodcut

Saturday  
October  
8th



- equipment provided
- donuts, juice, and lunch supplied

Come join us in Christian love and help us keep the needy Rolla-area residents warm this winter!

Meet at Wesley at 8:00 am  
403 West 8th Street (across from the post office)  
or call 364-1061

The Student Union Board and  
UMR Substance Abuse Prevention Program  
present

**NOT SEXY AND SAFER**

FEATURING

**SUE LANDOLPH**

in a comedic, educational discussion about safer sex

October 6, 8 pm  
LEACH THEATER



## Freshman of the year Scholarship

Theta Tau Omega  
Source

Theta Tau Omega is sponsoring their annual Freshman of the Year Scholarship. It is a \$250 scholarship awarded on the basis of G.P.A., campus honors, campus activities, and an interview. To be eligible, you must have completed 30 credit hours at UMR and have sophomore standing.

Applications for the scholarship can be obtained through your organization president, and they will be due Thursday, October 7. The interview date is Tuesday, October 12.

# Role models of the Jurassic era



Laurie Wilman  
Staff Writer

Okay, people. Enough is enough. Wars are ravaging the Middle East, floods have just water-logged most of the Midwest, and NAFTA is off doing its own thing (what that might be, heavenly bodies and those taking econ only know), but what seems to be on everyone's mind, on every talk show, and in every newspaper is a rotund, purple-skinned, I-never-change-my-facial-expression dinosaur who goes by the unassuming name of Barney.

Now, if the mere sound of this oh-too-friendly creature's name strikes horror in your soul, may I suggest never setting foot outside of your house, because, like it or not, he's everywhere. Barney coloring books, sticker books, story books, videos,

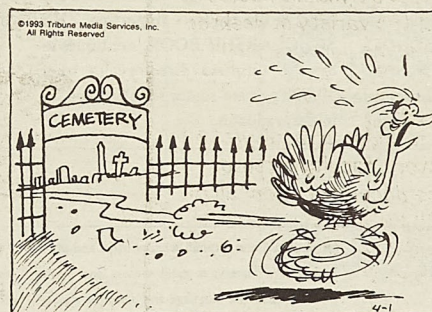
children's clothes, birthday cakes, and helium balloons have taken over this entire country. Would anyone care to place a bet on what the number one Halloween costume among the kiddies will be this year? Yep, you got it. My niece just had a birthday, and do we have to guess what the theme was? My much too talented sister even drew Barney's out-of-shape shape on all the party favor bags. Shouldn't somewhere a line to be drawn?

Well, I'm sure there was an overwhelming, resounding "yes" to that question, but I just don't know anymore. I mean, when we were growing up, we had Bugs Bunny, Elmer fudd, and Yosemite Sam to keep us entertained. Every afternoon, the Mouseketeers sang that they would "See you real soon....Why? Because we like you." Sesame Street taught us to cooperate and never be a grouch (although I always kind of liked Oscar) and to always believe in our imaginary

friends because Snuffleupagus would be loyal for life, no matter what Luis, Gordon, or Maria ever thought. Maybe, just maybe, dear ol' Barney is simply trying to do this new generation's Mickey Mouse, and all his bordering-on-annoying little buddies are his Mouseketeers. In a world such as we live in now, with guns in schools, murders on playgrounds, and drugs on street corners, perhaps it's nearly impossible to get these kids to believe in imaginary friends, so the corporate heads had to saturate the market with the purple pal just to get their attention. Kids are by no mean dumb. They know what they like, and they won't stand for what they hate, for if the whole concept is really that inane, rating and sales will show it soon enough. The adult world needs to lighten up a bit now and then, and while I am by no means suggesting that anyone over the age of eleven try to sit through an entire episode of

"Barney and Friends" (I have only tried it once, failed miserably, and ever since have been plagued by the question: What exactly is Baby Bop?), I think the Barney-bashing has got to stop. Like I said, kids aren't dumb, and when they start picking up on this negative attitude, when they begin to see how adults pick on and tease anyone or thing just happens to irk them (including a violet-colored vegetarian from the Jurassic period), when they realize that the youth cannot even be young, without the older kids making fun of them, that is when they will stop believing in imaginary friends, and Snuffy will fade away forever. Think about it, and then go buy yourself a coloring book. Whether it is one of Barney's or not, you will immediately remember what it was like to be young, and perhaps you will catch yourself the next time you want to put down an innocent, well-meaning dinosaur simply for being himself.

## Bound & Gagged



by Dana Summers

## Goatee

from page 13

My big experience with the Thrill Kill Kult had always been that they were techno and disco and sex and then. The music is dense and tight, the lyrics have meaning, and 13 Above the Night is a definite 10 goatee album.

## Album Review

### Move

Moby  
Elektra (1993)  
7 goatees

Moby is one of those techno acts that has almost legendary status. He was a simple club DJ who started making music, became an underground legend, and then got "discovered" by the major labels. Now that he's come "aboveground", one wonders what Moby might turn into.

Move is a 6 song EP with two versions of the title track, "Move."

"Move" is a pretty good exercise in the classic techno style. A loop of a girl singing the phrase "You make me feel so good, so good" is played endlessly over a pulsing synth beat at a speed fast enough to make you sweat on the dance floor. It's nothing new, but it is top quality music. Unfortunately, the rest of the songs aren't quite up to par.

The main fault of the CD is Moby's love of the fast b.p.m. Even a song like "Move" feels rushed after a listen or two, and "Unloved Symphony" is simply a super fast beat with some "sub sonar" pulses laid on top. It doesn't do much of anything for me except make me wonder why they would even put it on the album as glam. They had a good sound but weren't very deep. "Sex on Wheels" was the epitome of the style for me, and I didn't worry much about it. Then I popped 13 Above the Night into my CD player. Not only does it contain a

flawless groove, but it features a good deal of lyrical depth.



Sure, you get lyrics like "Turn it up and make it hot/ Ooh ah baby.../ She's a lusty instigator/ Ooh ah baby.../ She's a power-luv machine" on the song "Disco Flesh Pot," but that's just the chorus. The song is really a darker story about a girl lost in the club scene. In fact, many of the songs deal with lost hope and superficial people in the

scene. The clubs are where Thrill Kill Kult comes from, and I suppose it is an area where they see lots of life's hardships. (It also bears mentioning that "Disco Flesh Pot" features The Thesque harmonies. It's almost frightening because they do "The The" better than The The.)

A lot of the songs feature a mystical theme as their base. "Dementia 66" has heavy lyrics such as "Beyond strange love we shall go, where silly midnight flowers bloom in her kaliedescope eyes, wild as lilacs dripping in wine." This isn't exactly "Sex on Wheels" material, and it's what sets this Thrill Kill Kult album apart.

The band has shown some great development. It has founded a solid sound by being an ensemble group rather than just a MC who brings in a girl vocalist to sing a tag line now and filler. If you cut the pace in half, it might make a wonderful ambient

track. He saves face with the actual ambient track, "The rain falls and the sky shudders," and the harder dance track, "All that I need is to be loved."

The coolest thing about Moby's Move EP is the Eco-Pak it comes in. It's nifty because instead of being just cardboard, it has plastic on two sides and a little door to close it. But unless you collect nifty CD cases, I'd say buying Move is only required if you DJ techno parties and must have the title track.

Next week: Guess what... more reviews!

### Goatee Rating System

- 10 - GO BUY IT NOW!!!
- 9 - Great album, buy tomorrow
- 8 - Decent, buy next week
- 7 - Ok for the style, wait a month
- 6 - Only for diehard fans
- 5-1 - Landfill material
- 0 - So terrible, you must have it



## Money

from page 1

of the Confederacy about their \$400 to \$1,500 scholarships.

3. If you're the child of a full time Chrysler Corporation employee, you "auto" apply to the Lee Iacocca Scholarship Program. You could drive away with up to \$5,000 for undergraduate study.

4. For students whose ancestors put their John Hancocks on the Declaration of Independence, scholarships worth \$1,200 to \$2,00 are available from the Descendants of the Signers of the Declaration of Independence.

5. Investigating scholarship possibilities? the Association of Former Agents of the U.S. Secret Service offers scholarships of \$500 to \$1,500 to undergraduate law enforcement and police administration students.

A varied sampling of scholarships include: students wanting to enter real estate, children of submarine vets of World War II, needy left-handed students, the Morehead=se College Oprah Einfrey Endowed Scholarship, the Hilgenfeld Foundation for Mortuary Education scholarship, and Norwich Jubilee Esperanto Foundation scholarship, paying 1,000 pounds sterling to study esperanto in the United Kingdom

The information in THE SCHOLARSHIP BOOK, is compiled from the data base of the largest private sector financial aid research service in the

world. President of the National Scholarship Research Service Cassidy began tracking private sector scholarships in the '70s. Through the years, many thousands of students have used NSRS services to locate sources offering financial aid. Clearly written, and well organized it contains many helpful tips for scholarship applicants.

Arrangement of the main section is by field of study, including a general section not keyed to a specific major. Each entry is numbered and includes the name of the award, an address and phone number for obtaining further information, as well as the amount of the award, deadline, field of study, requirements, and number of awards given each year. An index preceding the main section permits the user to locate the awards by specific field of study. Additional indexes provide access by name of the award, state of residency, state of intended study, family ancestry, or physical handicap.

Two other section list low-cost publications on financial aid subjects and organizations that supply career information.

With all available information right at the reader's fingertips, THE SCHOLARSHIP BOOK, continues to be the ultimate directory to over 50,000 private-sector scholarships for undergraduates.

## Mine

from page 1

teams, "says Ron Robinson, supervisor of UMR's Experimental Mine Facility and trainer of UMR's mine rescue team.

Seven industry teams and UMR's team will compete in a simulated mine disaster situation. The teams will be reated on how well they follow basic rules and regulations in carrying out a rescue. The contest is held underground in an actual mine environment.

As the teams approach the mine entrance, a designated contest official, acting as mine manager, describes the simulated disaster in detail, including what has happened and how many people are injured or are in the mine requiring rescue. The Mine Safety and

Health Administration, the federal regulatory agency for the mining industry, will set up the disaster scenario and judge the competition.

The annual event is coordinated by the UMR Mine Rescue Association and Missouri industry members. The 1993 contest is sponsored by Asarco of Bunker, Mo.

Industry teams taking part in the Mine rescue Contest are: Doe Run of Viburnum, Mo.; Cominco of Bixby, Mo.; Asarco from Sweetwater and Westfork Mines of Bunker, Mo.; WIPP and Mississippi Chemical of Carlsbad, N.M.; and Reynolds of Las Vegas, Nev.



## Hydro

from page 1

First place non-student winners won \$1,000 cash and a Hewlett-Packard calculator. Second place winners (both students and non-students) won \$500 cash, and \$250 went to third place winners, the most innovative entry, and the one displaying best workmanship.

The contest was organized by Hydro Review Magazine and sponsored by 36 industry companies, developers, utilities, and other organizations.

The '94 contest is scheduled for August 16-19 in Pgoenix. For more details, contact Hydro Review, (816) 931-1311.

## Aid

from page 19

### ESSAY THEMES, CONTENT AND LENGTH:

"Identify and respond to the most Critical Ethical Problem in Government, Professional or Social Life."

"Identify and Respond to the Ways in which Great Writers Have Addressed Contemporary Ethical Dilemmas."

In 3,000 to 4,000 words, students are asked to develop substantive, informed, and judicious arguments defending ethical perspectives and principles relative to their chosen themes.

The following questions might be considered in the context of the 1994 themes:

What are the most important moral choices we face today?

Why must individual speak out when confronted with human suffering and injustice?

What are our ethical obligations to preserve and protect our physical environment and natural resources?

How should we respond to new, and not so new, ethical issues in business, medicine, law, government and human rights?

What are the significant moral or ethical issues raised by technology in the 1990's?

How does an individual or a group reconcile desire for autonomy with the need for cooeration within a community, a nation, or the world?

How should one respond when writers and philosophers - sometimes great writers and great philosophers - use language and concepts which encourage racism, anti-Semitism and other forms of prejudice and hate?

Essays may be developed from any point of view and can be in the form of a case study, a personal experience, or an analysis that is literary, philosophical, historical, biographical, sociologica, theological, or psychological.

Essays must be in english and must be the original, unpublished work of the author.

### FORMAT:

No name or other self identifying references may appear on the cover sheet or in the manuscript. All manuscripts are assigned identification codes.

Manuscripts must be typed, double spaced, including quotations that may appear in the text, with one-inch margins on all sides of the page. Pages must be consecutively numbered in the upper right-hand corner. Do not bind or staple manuscripts; secure pages using a paper clip.

Footnotes, if used, should be single-spaced, consecutively numbered and placed at the bottom of each page. The 3,000 to 4,000 words of the essay do not include footnotes.

### DEADLINE:

Entries must be postmarked by Friday, January 14, 1994, or delivered to the Foundation office by 5:00 p. m., January 14, 1994. FAX SUBMISSIONS WILL NOT BE ACCEPTED.

### SUBMISSION:

Submit three (3) copies of the essay with:

Fully completed entry form

Supporting letter on school stationery, signed by a faculty member or school administrator, verifying that the student is a full-time undergraduate senior at the college or university indicated on the entry form.

Suggested text: "To Whom It May Concern: Joe Miner is a full-time undergraduate senior currently attending XYZ University. As professor/advisor/administrator at XYZ University, I am pleased to submit Joe's essay for consideration in the 1994 Elie Wiesel Prize in Ethics Essay Contest."

No more than three (3) essays per college, university or campus will be considered in any one contest year. Only one (1) essay per individual student will be accepted. The Foundation will consider the first three qualified essays received from an institution.

For the purposes of this contest, a college is defined as a free-standing, accredited institution with a governance structure that includes a duly established Board of Trustees. It is not an institu-

tion within a university structure, e. g. College of Liberal Arts, Business School, etc. However, a campus is understood to be a branch of an accredited college or university.

Students are advised to keep copies of their manuscripts as no materials will be returned.

Mail essays to:

The Elie Wiesel Prize in Ethics  
The Elie Wiesel Foundation for Humanity  
1177 Avenue of the Americas, 36th Floor  
New York, NY 10036

### CRITERIA FOR EVALUATION:

How well does the writer identify, define and analyze an ethical question, issue or dilemma? Does the writer relate ethical principles to specific issues creatively and effectively? Is the writer well-informed and is the essay well-reasoned? Does the writer observe the common rules of grammar and rhetoric?

### PRIZES:

First Prize, \$5,000, Second Prize, \$2,500, third Prize, \$1,500, and two Honorable Mentions, \$500 each. A distinguished panel of judges will evaluate contest entries and determine the five prize winners. The decision of the judges is final. Winners will be notified by mail in April, 1994. No essay may be submitted elsewhere until after the

awards have been announced.

### RIGHTS OF PUBLICATION:

The Elie Wiesel Foundation for Humanity reserves the right to publish the winning essays, in whole or in part. These essays may not be published elsewhere without written permission from the Foundation.

### THE ELIE WIESEL FOUNDATION FOR HUMANITY:

Nobel Peace Prize recipient and Boston University Professor Elie Wiesel has worked on behalf of oppressed people for much of his adult life. His first-hand witnessing of the Holocaust has led him to use his talents as an author, teacher and storyteller to defend human rights and peace throughout the world.

Three months after receiving the Nobel Peace Prize, Wiesel established The Elie Wiesel Foundation for Humanity. Its mission is to advance the cause of human rights and peace throughout the world by creating a new forum for the discussion of urgent ethical issues confronting humankind.

The annual Essay Contest for THE ELIE WIESEL PRIZE IN ETHICS is made possible through the generosity of E. Billie Ivry and The Thaler Family Foundation.



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Tue	3:30PM Intro to Unix E-mail and Networking MCS 108	Oct 5
Wed	9:30AM Intro to Mainframe Electronic Mail (Faculty and Staff) MCS 1	Oct 6
Thu	3:30PM Intro to Unix E-mail and Networking MCS 108	Oct 7
Fri		Oct 8
Sat		Oct 9

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# Co-op Employment

Company: United Technologies  
 Date of Interview: 09/29  
 Majors: MECH ELEC  
 Minimum GPA: 3.000 Must be at least standing.  
 Remarks: POSTED FOR SIGN-UPS: FRIDAY, SEPT. 10, 1993  
 Work location: Columbus, MS  
 Method: PRS-Closed

Company: Union Pacific RR  
 Date of Interview: 10/08  
 Majors: CIVL MECH MET  
 Minimum GPA: 2.950 Must be at least Sophomore standing.  
 Remarks: POSTED FOR SIGN-UPS: FRIDAY, SEPT. 17, 1993  
 Work Location: Omaha, Nebraska  
 start work spring or fall 1994  
 Information meeting: 10/6/93 - Mark Twain Room 6:30 - 7:30 pm  
 Operating area- ALL STUDENTS INTERVIEWING WITH UNION PACIFIC RR MUST ATTEND INFORMATION MEETING.  
 Method: PRS-Closed

Company: Bussmann-Application Engineering  
 Date of Interview: 09/24  
 Majors: ELEC EMAN MECH  
 Minimum GPA: 2.950 Must be at least standing.  
 Remarks: POSTED FOR SIGN-UPS: FRIDAY, SEPTEMBER 10, 1993  
 Work Location: St. Louis, Missouri  
 Start work spring 1994  
 Must have proper documentation to work in US  
 Method: PRS-Closed

Company: Union Pacific RR  
 Date of Interview: 11/04  
 Majors: ELEC  
 Minimum GPA: 2.950 Must be at least Sophomore standing.  
 Remarks: POSTED FOR SIGN-UPS: THURSDAY, OCTOBER 14, 1993  
 Work Location: Omaha, Nebraska  
 start work spring or fall 1994  
 Information meeting - 11/2/93 - Meramec Room 6:30 - 7:30pm  
 Communications area  
 Interview date change to : Thurs., November 4, 1993  
 Method: PRS-Open

Company: US Gypsum  
 Date of Interview: 09/24  
 Majors: MECH MIN  
 Minimum GPA: 2.650 Must be at least standing.  
 Remarks: POSTED FOR SIGN-UPS: FRIDAY, SEPT. 10, 1993  
 Work location: Sperry, Iowa  
 Start work spring or summer 1994  
 Information meeting - Thursday, September 23, 1993 6:30pm in Mark Twain Room, UCE  
 Method: PRS-Closed

Company: Dames & Moore  
 Date of Interview: 10/05  
 Majors: CHE CIVL GEE  
 Minimum GPA: 2.950 Must be at least Junior standing.  
 Remarks: POSTED FOR SIGN-UPS: TUESDAY, SEPT. 21, 1993  
 Work location: Overland Park, Kansas  
 START WORK SPRING 1994  
 Method: Open

Company: Union Electric  
 Date of Interview: 09/28  
 Majors: ELEC MECH CIVL EMAN CMPS  
 Minimum GPA: 2.450 Must be at least Junior standing.  
 Remarks: POSTED FOR SIGN-UPS: TUESDAY, SEPT. 14, 1993  
 Work Location: St. Louis, MO and various locations in Missouri,  
 start work January 1994 (NOTE CHANGES IN MAJORS)  
 Green Card Required for non citizens  
 2 to 3 CIVL students should sign up per schedule - 2 EMAN per schedule  
 Greater need is for ELEC and MECH  
 Method: PRS-Closed

Company: Amsted  
 Date of Interview: 10/06  
 Majors: MECH MET  
 Minimum GPA: 2.950 Must be at least Sophomore standing.  
 Remarks: POSTED FOR SIGN-UPS: WED., SEPT. 22, 1993  
 WORK LOCATION: MIDWEST/MIDEAST  
 START WORK SPRING 1994  
 Method: Open

Company: Monsanto Company  
 Date of Interview: 09/29  
 Majors: CMPS MGTS  
 Minimum GPA: 2.950 Must be at least Sophomore standing.  
 Remarks: POSTED FOR SIGN-UPS: WED., SEPT. 15, 1993 (1 hour inter  
 Work Location: St. Louis, MO., Chicago, IL., New Orleans, LA  
 Information Meeting: Tuesday, Sept. 28, 1993 at 7:00 pm, Silver and gold room. ALL MUST ATTEND INFORMATION MEETING PRIOR TO INTERVIEW.  
 MUST PICK UP MONSANTO APPLICATION AT THE CO-OP OFFICE, 303D NORWOOD  
 ON DAY OF SIGN-UPS START WORK SPRING 94  
 Method: PRS-Closed

Company: Anh Busch-Process Engr-MECH, CHE  
 Date of Interview: 10/06  
 Majors: MECH CHE  
 Minimum GPA: 2.500 Must be at least Sophomore standing.  
 Remarks: POSTED FOR SIGN-UPS: WED., SEPT. 22, 1993  
 WORK LOCATION: ST. LOUIS, MO  
 \*NOTE: COMPANY HAS REQUESTED THAT A STUDENT MAY SIGN-UP FOR ONLY ONE SCHEDULE. THIS SCHEDULE IS PROCESS ENGINEERING FOR MECH, CHE.  
 START WORK SPRING 1994  
 PROCESS ENGINEERING - MECH, CHE  
 Method: Open

Company: Moog Automotive  
 Date of Interview: 09/30  
 Majors: MET  
 Minimum GPA: 2.000 Must be at least standing.  
 Remarks: POSTED FOR SIGN-UPS: THURSDAY, SEPT. 16, 1993  
 Work Location: St. Louis, Missouri  
 start work spring 94  
 Method: Open

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Company: Kaiser Aluminum  
Date of Interview: 10/06 Method: Open  
Majors: MET  
Minimum GPA: 2.650 Must be at least standing.  
Remarks: POSTED FOR SIGN-UPS: WED., SEPT. 22, 1993  
Work Location: Jackson, TN  
START WORK SPRING 94

Company: IBM Corporation Method: PRS-Open  
Date of Interview: 11/04  
Majors: ELEC CMPS  
Minimum GPA: 2.000 Must be at least standing.  
Remarks: POSTED FOR SIGN-UPS: THURSDAY, OCTOBER 14, 1993  
WORK LOCATIONS: VARIOUS LOCATIONS  
START WORK SPRING OR SUMMER 1994

Company: Hunter Engineering Company Method: PRS-Open  
Date of Interview: 10/15  
Majors: MECH ELEC  
Minimum GPA: 2.950 Must be at least Sophomore standing.  
Remarks: POSTED FOR SIGN-UPS: FRIDAY, SEPT. 24, 1993  
Work location: St. Louis, MO  
START WORK SPRING 94

Company: Leonards Metals Method: Open  
Date of Interview: 10/29  
Majors: MECH  
Minimum GPA: 2.950 Must be at least Sophomore standing.  
Remarks: POSTED FOR SIGN-UPS: FRIDAY, OCTOBER 15, 1993  
WORK LOCATION: ST. CHARLES, MO  
START WORK SPRING 94

Company: Dow Chemical Method: Open  
Date of Interview: 10/11  
Majors: ELEC CHE  
Minimum GPA: 2.750 Must be at least standing.  
Remarks: POSTED FOR SIGN-UPS: MONDAY, SEPT. 27, 1993  
Work Location: Freeport, TX or Louisiana  
1/2 SCHEDULE 8 INTERVIEW OPENINGS  
am interview times

Company: Sporlan Valve Method: PRS-Open  
Date of Interview: 10/19  
Majors: MECH  
Minimum GPA: 2.750 Must be at least Sophomore standing.  
Remarks: Work Location: St. Louis, Missouri  
POSTED FOR SIGN-UPS: TUESDAY, SEPT. 28, 1993  
start work spring 1994  
Information meeting: Monday, Oct. 18, 1993 in the UCE - Centennial  
Hall - East side - 8:00 - 9:00 pm  
All students interviewing with Sporlan must attend

Company: Deere and Company Method: PRS-Open  
Date of Interview: 10/20  
Majors: ELEC MECH  
Minimum GPA: 2.650 Must be at least standing.  
Remarks: POSTED FOR SIGN-UPS: WED., SEPT. 29, 1993  
WORK LOCATIONS: IOWA AND ILLINOIS  
  
STUDENTS MUST BE WILLING TO WORK 3-5 WORK PERIODS

Company: Alco Controls Method: PRS-Closed  
Date of Interview: 09/30  
Majors: MECH CMPS  
Minimum GPA: 2.000 Must be at least standing.  
Remarks: Work Location: St. Louis MO  
start work spring 1994  
POSTED FOR SIGN-UPS: THURSDAY, SEPT. 16, 1993  
one session all Mech  
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REFRIGERATION FLOW CONTROLS

Company: Deere and Company Method: PRS-Open  
Date of Interview: 10/21  
Majors: MGTS CMPS  
Minimum GPA: 2.450 Must be at least Sophomore standing.  
Remarks: POSTED FOR SIGN-UPS: THURSDAY, SEPT. 30, 1993  
WORK LOCATION: MOLINE, ILLINOIS  
START WORK SPRING 94  
INFORMATION MEETING AT 7:00 PM, WEST SIDE OF CENTENNIAL HALL, UCE  
ALL STUDENTS INTERVIEWING WITH JOHN DEERE MUST ATTEND

Company: Monsanto-Carondelet Plant Method: PRS-Closed  
Date of Interview: 09/22  
Majors: CHE  
Minimum GPA: 2.750 Must be at least Sophomore standing.  
Remarks: Work Location: St. Louis, MO  
POSTED FOR SIGN-UPS: TUESDAY, SEPTEMBER 14, 1993  
start work spring 94

Company: Litton Industries Method: Open  
Date of Interview: 10/20  
Majors: MECH CHE ELEC  
Minimum GPA: 2.000 Must be at least standing.  
Remarks: POSTED FOR SIGN-UPS: WED., OCT. 6, 1993  
WORK LOCATION: SPRINGFIELD, MO

Company: Noranda Aluminum Method: PRS-Closed  
Date of Interview: 09/24  
Majors: ELEC MECH  
Minimum GPA: 2.700 Must be at least Junior standing.  
Remarks: POSTED FOR SIGN-UPS: Wednesday, September 15, 1993  
start work spring 1994  
Work location: New Madrid, Missouri  
Company requested to interview 2 - ELEC and 3 - MECH  
8:00 - ELEC 9:00 - MECH 10:00 - MECH  
8:30 - ELEC 9:30 - MECH



Company: Central Intelligence Agency Method: PRS-Open  
 Date of Interview: 10/05  
 Majors: ELEC CMPS ECON  
 Minimum GPA: 3.200 Must be at least Sophomore standing.  
 Remarks: POSTED FOR SIGN-UPS: MONDAY, SEPTEMBER 20, 1993  
 Work Location: Washington, DC  
 start work spring 94  
 am interviews only 1/2 day

Company: McDonnell Douglas Method: PRS-Open  
 Date of Interview: 10/19  
 Majors: AERO ELEC MECH CMPS  
 Minimum GPA: 2.950 Must be at least standing.  
 Remarks: SIGN-UPS POSTED: MONDAY, OCTOBER 4, 1993  
 START WORK SPRING 94  
 WORK LOCATION: ST. LOUIS, MO

Company: General Motors Method: PRS-Open  
 Date of Interview: 10/18  
 Majors: MECH ELEC  
 Minimum GPA: 2.950 Must be at least Sophomore standing.  
 Remarks: SIGN-UPS POSTED: WED., SEPT. 29, 1993  
 WORK LOCATION - FLINT, MICHIGAN  
 GENERAL MOTORS CADILLAC LUXURY CAR DIVISION  
 STUDENTS MUST BE INTERESTED IN THE AUTO INDUSTRY  
 START WORK SPRING OR SUMMER 1994

Company: Marathon Oil Company Method: Open  
 Date of Interview: 10/20  
 Majors:  
 Minimum GPA: Must be at least standing.  
 Remarks: SIGN-UPS POSTED: WED., OCT. 6, 1993  
 INFORMATION UNAVAILABLE AT THIS TIME. PLEASE CHECK UMRINFO FREQUENTLY  
 WHEN INFORMATION IS RECEIVED, IT WILL BE POSTED ON UMRINFO

Company: Anh Busch-Util Aff-ELEC,CIVL,CHE,ME Method: Open  
 Date of Interview: 10/06  
 Majors: ELEC CIVL CHE MECH  
 Minimum GPA: 2.500 Must be at least Sophomore standing.  
 Remarks: POSTED FOR SIGN-UPS: WED., SEPT. 22, 1993  
 WORK LOCATION: ST. LOUIS, MO  
 \*NOTE: COMPANY REQUESTED THAT STUDENTS ONLY SIGN-UP FOR ONE  
 SCHEDULE. JOB DESCRIPTIONS AVAILABLE IN THE CO-OP OFFICE  
 START WORK SPRING 1994  
 UTILITY AFFAIRS - ELEC, CIVL, CHE, MECH

Company: Anh Busch-Power&EngDesign-ELEC,CHE Method: Open  
 Date of Interview: 10/06  
 Majors: ELEC CHE  
 Minimum GPA: 2.500 Must be at least Sophomore standing.  
 Remarks: POSTED FOR SIGN-UPS: WED., SEPT. 22, 1993  
 WORK LOCATION: ST. LOUIS, MO  
 \*NOTE: COMPANY REQUESTED THAT A STUDENT SIGN-UP ON ONE  
 SCHEDULE ONLY. JOB DESCRIPTIONS AVAILABLE IN THE CO-OP OFFICE.  
 START WORK SPRING 1994  
 POWER AND ENGR DESIGN - ELEC, CHE

Company: Anh Busch-Engr Developme-ELEC,CMPS Method: Open  
 Date of Interview: 10/06  
 Majors: ELEC CMPS  
 Minimum GPA: 2.500 Must be at least Sophomore standing.  
 Remarks: SIGN-UPS POSTED: WED., SEPT. 22, 1993  
 WORK LOCATION: ST. LOUIS, MO  
 \*NOTE: COMPANY REQUESTED THAT A STUDENT SIGN-UP FOR ONLY ONE  
 SCHEDULE. JOB DESCRIPTIONS AVAILABLE AT THE CO-OP OFFICE.  
 START WORK SPRING 1994  
 ENGINEERING DEVELOPMENT - ELEC, CMPS

Company: AnhBusch-EngPlanning,MECH,CIVL,EMAN Method: Open  
 Date of Interview: 10/06  
 Majors: MECH CIVL EMAN  
 Minimum GPA: 2.500 Must be at least Sophomore standing.  
 Remarks: SIGN-UPS POSTED: WED., SEPT. 22, 1993  
 WORK LOCATION: ST. LOUIS, MO  
 \*NOTE - COMPANY REQUESTED THAT A STUDENT MAY SIGN-UP FOR ONLY ONE  
 SCHEDULE. JOB DESCRIPTIONS AVAILABLE AT THE CO-OP OFFICE.  
 START WORK SPRING 1994  
 ENGINEERING PLANNING - MECH, CIVL, EMAN

Company: Anh Busch-Pkg & Shipping-MECH,CHE Method: Open  
 Date of Interview: 10/06  
 Majors: MECH CHE  
 Minimum GPA: 2.500 Must be at least Sophomore standing.  
 Remarks: SIGN-UPS POSTED: WED., SEPT. 22, 1993  
 WORK LOCATION: ST. LOUIS, MO  
 \*NOTE - COMPANY REQUESTED THAT A STUDENTS SIGN-UP ON ONLY ONE  
 SCHEDULE. JOB DESCRIPTIONS AVAILABLE AT THE CO-OP OFFICE.  
 START WORK SPRING 1994  
 PACKAGING AND SHIPPING - MECH, CHE

Company: Brown Shoe Company Method: Open  
 Date of Interview: 10/05  
 Majors: EMAN MECH  
 Minimum GPA: 2.500 Must be at least standing.  
 Remarks: SIGN-UPS POSTED: MONDAY, SEPT. 27, 1993  
 start work spring 1994  
 Work location: Steelville, Missouri

Company: Moog Automotive Method: Open  
 Date of Interview: 10/04  
 Majors: MECH  
 Minimum GPA: 2.750 Must be at least standing.  
 Remarks: Sign-ups posted: Monday, Sept. 27, 1993  
 Work location: St. Louis, MO  
 start work spring 1994

any: ARMO ST  
 1801 Craw  
 Middletow  
 Attn: M

ee Level: BS  
 rs: METAL  
 Dates: 12/93  
 mum GPA: 2.5

tions Available  
 and Production  
 tion Location:  
 LINE FOR SUBMIT

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 Attn: M

ee Level:  
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 Dates:  
 mum GPA:

tions Available  
 tion Locations:  
 LINE FOR SUBMIT

CHAOS





# Full-Time Employment

Company: ARMCO STEEL COMPANY, L.P.  
1801 Crawford Street  
Middletown, OH 45043  
Attn: Mr. Michael Lehman

Method: PRSCREEN  
Date of Interview: 10/25

Degree Level: BS  
Majors: METALLURGICAL ENGR.  
Grad Dates: 12/93, 05/94  
Minimum GPA: 2.5

Positions Available: Quality Control Engr., Technical Resources  
r. and Production Supervisor  
Position Location: Middletown, OH  
DEADLINE FOR SUBMITTING RESUMES: October 4

Company: ASARCO INCORPORATED  
Route 1 Box 60  
Annapolis, MO 63620  
Attn: Mr. Bill Womble

Method: PRSCREEN  
Date of Interview: 10/26

Degree Level: BS Majors: Metallurgical Engr., Chemical Engr.,  
Mech. Engr, Mining Engr., Civil, & Engr. Mgmt Grad Dates : Recent  
Grads 12/93 05/94 Minimum GPA: 2.95 Position Available: Position  
Location: Various USA locations

DEADLINE FOR SUBMITTING RESUMES: October 5

Company: TRINITY CONSULTANTS, INC.  
12801 N. Central Expressway  
Suite 1200  
Dallas, TX 75243  
Attn: Ms. Melanee Dickinson

Method: PRSCREEN  
Interview Date: 10/29

Degree Level: BS & MS  
Majors: Chem. Engr., Mech. Engr., and Civil Engr. (with Env.  
emphasis)  
Grad Dates: 12/93, 05/94, & 07/94  
Minimum GPA: 3.25  
Position Available: Project Engr.  
Position Location: Kansas City, Chicago, Dallas, Atlanta,  
Baton Rouge, and Ft. Collins, CO

DEADLINE FOR SUBMITTING RESUMES: October 8

DETAILS NOT AVAILABLE FOR:  
HALLIBURTON SERVICES  
HUGHES AIRCRAFT

Company: GENERAL ELECTRIC  
1285 Boston Avenue, 22CE  
GE Recruiting & University Dev.  
Bridgeport, CT 06601-2385  
Attn: Ms. June Prusak

Method: PRSCREEN  
Date of Interview: 10/26

Degree Level: ALL DETAILS NOT AVAILABLE AT THIS TIME  
Majors:  
Grad Dates:  
Minimum GPA:

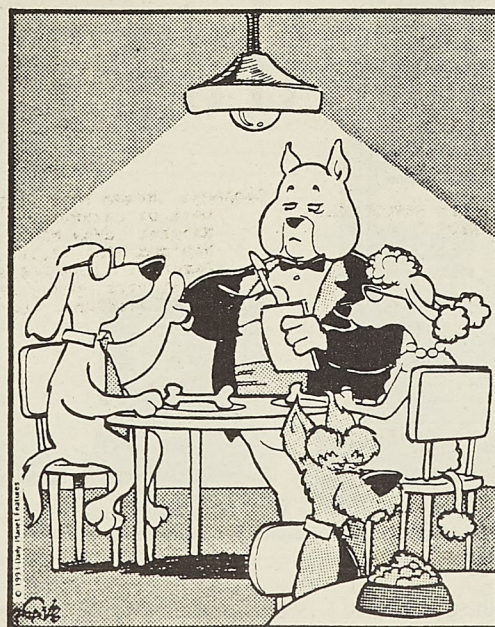
Positions Available:  
Position Locations:  
DEADLINE FOR SUBMITTING RESUMES: October 5

## CHAOS

by Brian Shuster



she gazed into the mirror, Sally realized that the kids  
school weren't teasing . . . she was, indeed, a cow.



"Waiter, two glasses of water, please. And none  
of that tap stuff . . . make sure this comes  
straight from the toilet."



It was so close to his fantasy-come-true.



# COMMON SENSE SELF-DEFENSE

WOMEN'S SAFETY AWARENESS  
OCT. 6 7:30 TJ S. LOUNGE

WEAR LOOSE CLOTHING AND BRING YOUR ?'S  
\*SIMPLE SELF DEFENSE TECHNIQUES  
\*COMMUNICATION METHODS

Special student  
savings right now

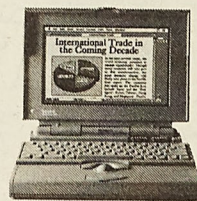
## Not even your local diet center offers reductions like this.



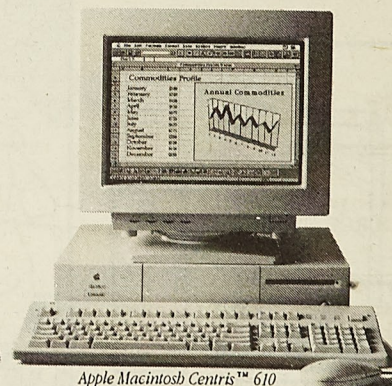
Apple Macintosh Color  
Classic 4/80, Built-in 10" Color  
Monitor & Apple Keyboard II.  
**\$888**



Apple Macintosh  
LC III 4/80, Apple Basic Color  
Monitor & Apple Keyboard II.  
**\$1133**




Apple PowerBook™ 145B 4/80,  
Built-in Keyboard & 10" Backlit  
Super Twist Monochrome Display.  
**\$1410**



Apple Macintosh Centris™ 610  
4/80, Apple Basic Color Monitor &  
Apple Extended Keyboard II.  
**\$1480**

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see just how affordable a Macintosh can be, visit your Apple Campus Reseller today. And discover the power more college students choose. The power of Macintosh. The power to be your best. 

For further information contact  
**Ben Strehlman (Scientific Programmer Analyst at UMR)**  
at 114 Mathematic Computer Science Bldg • 341-4841

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Opinions  
page 3



Chem s  
sparks

John Kilp

Chem 4 seems to  
class this year. The  
necessary and helpfu  
unnecessary nuisance  
OSHA to take any lab  
soon be necessary at  
class, Dr. Hardtke, c  
common sense. It is  
class of the three weel  
extreme measures to  
had the lecture of the  
students had stronger  
students that thought  
from the class ranged f  
to it was all right bu  
OSHA should mind th  
opinion that the reason  
graduate from collage  
what is extremely dan  
the students I talked to  
it as part of the lab cour  
in general viewed it as  
way it was done and fe  
to make the best of the  
versity with.

Eighteen



Eighteen alumni,  
and friends of the Univ  
four-Rolla were honor  
MSM-UMR Alumni  
Awards Banquet held  
2, at UMR. The award  
held in conjunction  
Homecoming Weekend  
The awards and re  
follows:

The Alumni A  
Award, presented in re  
achievements by alumn  
business, professions  
deavors, was awarded  
—Gerald W. Bers  
son, Mo., president of th  
Division of Olin Corp.  
In a 1965 graduate of