



20 Oct 1993

The Missouri Miner, October 20, 1993

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Missouri Miner



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

October 20, 1993

Volume 83, Number 9

Twenty Four pages

UMR Professional Development Plan initiated this semester

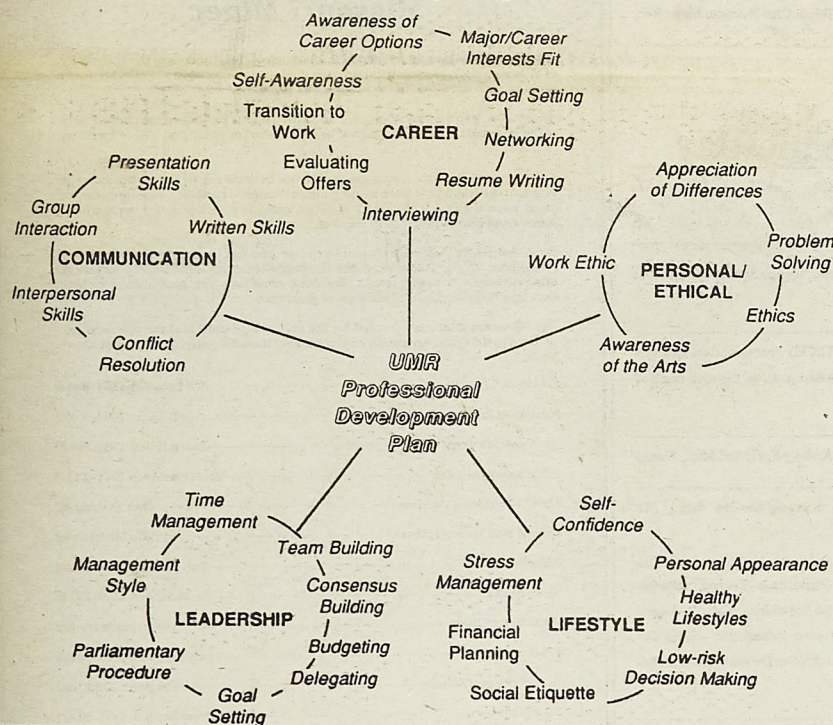


News Service
SOURCE

During the Fall 1993 semester, UMR is implementing a Professional Development Plan for students. This Plan provides curricular

and co-curricular activities that form the building blocks for developing professional skills and knowledge. Students can voluntarily participate in this program to enhance skills and knowledge in the areas of communication, career, leadership, personal/ethical, and lifestyle development. The diagram below shows the different skills and knowledge which students can learn. Besides providing students

with active involvement in their professional preparation, students learn critical personal and professional development skills, develop leadership potential, and increase self-confidence and marketability. To experience this program designed to prepare students for leadership roles in the workforce and the community, contact Dr. Camille Consolvo, 106 Norwood Hall, 341-4292.



UMR Fall Film Series brings good movies at a low price



Andy Baker
Staff Writer

Tuesdays at 7 pm in Miles Auditorium, the UMR Film Series offers people the opportunity to see classic films and recent releases not showing in Rolla theaters. For \$3 admission, the public is able to see the films that are playing in New York and San Francisco. According to Dr. James Bogan, professor of art, the film series presents "the best films we can get for the money we have, and films that are not shown in Rolla."

Because he "couldn't see any decent movies in Rolla," Bogan with the support of the Missouri Arts Council, began the film series in 1976. Since then, the film series has presented over 500 movies, some of which are used to enhance regular coursework. According to Bogan, the

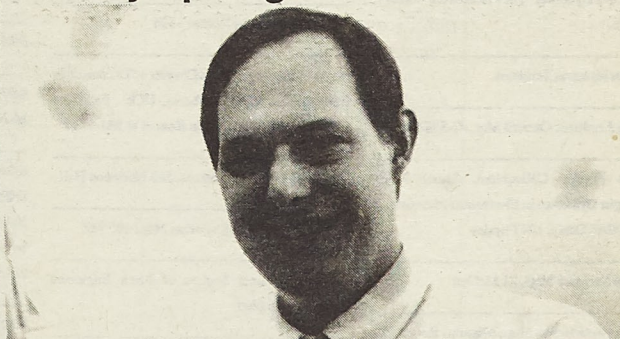
Spanish classes used the recent performance of "Like Water for Chocolate" to practice listening to Spanish.

Last shown in Rolla 5 years ago, "The bicycle Thief" is the next classic film in the series, showing Nov. 9. A black-and-white movie made in 1948, Bogan said that despite the lack of special effects and professional actors, the writing and directing made it "engrossing." "It speaks to the heart," he said.

The Schedule is as follows:

- * Nov. 2 - "The Crying Game"
 - * Nov. 9 - "The Bicycle Thief"
 - * Nov. 16 - "Iceberg" a satire of "The Bicycle Thief"
 - * Nov. 30 - "Damage," a story of obsession
 - * Dec. 7 - "Planes, Trains and Automobiles," a comedy starring Steve Martin and John Candy.
- The spring film series will include an evening of short films picked by Frank Fillo, a Missouri filmmaker and co-director of "Tom Benton's Missouri." Fillo will also give a presentation on the nature of the short film.

Faculty Spotlight on: Dr. Van Aken



Ian Rozdilsky

Dr Van Aken is one of the newest additions to the Metallurgical Engineering department.



Ian Rozdilsky
Staff Writer

The purpose of the Faculty Spotlight column is to introduce faculty members who you may not be familiar

with. UMR has many faculty members with diverse interests and backgrounds who are unfortunately not known by students on campus. This weeks featured faculty member is Dr. Van Aken of the Metallurgical Engineering department at UMR. Dr. Van Aken is a new faculty member who came to Rolla

see Faculty, page 16

ATTENTION:

All articles for the October 27 issue are due Wednesday, October 20 by 3:30.

What's Up at UMR

Wednesday

10:00am American Nuclear Society High School Visit, Meramac Room

2:30pm STUCO Lawyer, Walnut Room

2:30pm Living Poets Society Meeting, English Department Conference Room, H-SS 225

5:00pm Student Activity Fee Board Mtg., Walnut Room

5:00pm UMR women's soccer, Lindenwood College at St. Charles

5:30pm Intramural Managers Mtg.

6:00pm Blue Key Mtg., 216 ME

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

6:30pm Student Council Open Forum-St. Pat's, ME 104

7:00pm Alpha Chi Sigma Mtg., 114CE

7:00pm Test Anxiety, G-8 TJ Hall-AEC

7:30pm UMR men's soccer, Lindenwood College at St. Charles

7:30pm Society of Mining Engineers Mtg., 204 McNutt

7:30pm Upsilon Pi Epsilon Mtg., 216 M-CS

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

9:00pm Arnold Air Society Mtg., 208 Harris

Thursday

11:30pm Civil Engineering Graduate Seminar Series, Gary Dyhouse, "The Flood of the Century," 114 CE

12:30pm Newman Scripture

1:30pm Academic Council Mtg., G-5 H-SS

4:00pm Physics Colloquium, Saibal Mitra, "Hydrogen Dynamics in Electronics Materials: A Proton NMR Study, 104 Physics

4:30pm Kermas Mtg., 21 McNutt

4:45pm Toastmasters Mtg., Missouri Room

6:30pm American Nuclear Society Mtg., 227 Fulton

7:00pm "How to Prepare Yourself More Competitively For an Entry Level Position", Robert Benezette, Mark Twain

7:00pm Down To Earth Mtg., 210 McNutt

7:30pm Lutheran Student Center Bible Study

Friday

8:00pm St. Pat's Committee Mtg., 212 McNutt

STUDENT COUNCIL FREE DAY- NO CLASSES

1:30pm Christian Science Org. Mtg., Sunrise

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

3:30pm Show-Me Anime Mtg., 212 McNutt

8:00pm Campus Performing Arts Series presents the Tulsa Philharmonic Chamber Orchestra, Leach Theatre, Castleman Hall

Saturday

Noon Gaming Association Gaming, 139 Chem.

1:00pm UMR men's soccer, St. Joseph's College at Rensselaer, Ind.

1:30pm UMR Miner football, Northeast Missouri State University at Kirksville

3:30pm UMR women's soccer, St. Joseph's College at Rensselaer, Ind.

UMR men's and women's cross country, MIAA Championships, time to be announced at Warrensburg

Sunday

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

9:00pm Blue Sabres Mtg.

Monday

Mid-Grade reports available to students

Advising Week for Winter 1994

Noon University Officers Chapter of Toastmasters International, Missouri Room, UCE. For more information contact Linda Bramel at 341-4117

3:30pm Time Management, 208 Norwood Hall

6:00pm Gaming Association Mtg., 105 ME

7:00pm National Society of Black Engineers Mtg., 204 McNutt

7:30pm Amnesty International Mtg., 202 Library

7:30pm Alcoholics Anonymous Mtg., Walnut

8:00pm Eta Kappa Nu EE Help Sessions, 103 EE

Tuesday

3:00pm UMR men's soccer, Columbia College at Columbia

3:30pm "Dealing With Difficult People", 208 Norwood

4:30pm SMSTA Mtg., H-SS

5:30pm Society of Women Engineers Mtg., Meramac

6:00pm StuCo Introductory Council Mtg., 206 McNutt

6:30pm Student Council Mtg., 204 McNutt

6:30pm Student Council Student Activity Fee Open Forum, Centennial

6:30pm Interfraternity Council Mtg., 216 McNutt

7:00pm UMR Fall Film Series, "Man Facing Southeast," Miles Auditorium, ME

7:00pm ASCE EIT Review Session, 117 CE

8:00pm Chi Alpha Mtg., Missouri

8:00pm Koinonia Mtg., 305 Chem.

9:00pm Alpha Chi Sigma Pledge Mtg., 140 Chem.

10:00pm Table Tennis Club Practice, Miner Rec.

Next Wednesday

SUB: PUMPKIN CARVING CONTEST, HOCKEY PUCK

10:00am American Nuclear Society High School Visit, Meramac

11:30am UMR TECHS Peer Educators sponsors IMPACT month barbecue, on the mall north of the UCE

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

6:00pm Sigma Gamma Epsilon Mtg., 210 McNutt

6:30pm UMR Panhellenic Council sponsors IMPACT Month "Alcohol Jeopardy", Centennial Hall, UCE. For more information contact Rebecca Light at 341-3560 or Darren Walters at 364-2314.

7:00pm Society of Automotive Engineers Mtg., G-5 H-SS

7:00pm Society of Automotive Engineers Mtg., 204 McNutt

7:00pm AIChE Mtg., G-3 Schrenk

7:00pm "Long Distance Relationships," G-8 TJHA

7:00pm Kappa Mu Epsilon Mtg., 203 M-CS

7:00pm American Society of Civil Engineers Mtg., 114 CE

7:30pm UMR women's soccer, Missouri Valley College, UMR Soccer Complex

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

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

8:00pm Starfleet Mtg., Meramac

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

9:00pm Arnold Air Society Mtg., 208 Harris

Financial Aid

The Elle Wiesel Foundation For Humanity Prize in Ethics Essay Contest-1994

For more information inquire at Student Activities, 113 UCW

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.

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.

DEADLINE:

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

PRIZES:

see Aid, page 15

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

Just a reminder:

The opinions expressed on this page are not necessarily those of the editors and staff of the *Missouri Miner*. Replies may be directed towards the author of the article to which you are responding.

NOTE:

The final examination for Luis Miguel Chia, candidate for the Doctor of Philosophy in Metallurgical Engineering, will be at 1:30 p.m., Room 231 McNutt Hall, Monday, October 25, 1993.

Title of Dissertation: Galvanic Stripping of Fe+3 and Pb+2 Ions and Dissolution of Metallic Fe, Zn, Pb and Cd Using Di (2-Ethylhexyl) Phosphoric Acid.

Hey UMR Security, Take a walk!

It is 12:00AM, the library just closed and you are alone, making the quartermile walk to where ever it is that you live. Most of the campus lights are on, but they don't provide much illumination. You glance nervously from side to side as your imagination runs wild. Was that just a shadow moving behind that bush, or was it some assailant, waiting to rape or mug you?

Now you may be asking yourself, "Why is a guy writing an editorial about the possibility of rape on the UMR campus?" Well, to be truthful, I never considered it until a few nights ago when I was walking my girlfriend back to her home from the library at midnight. She commented that she always felt nervous walking home that late at night, whether alone or with someone. I, personally, had never considered the possibility of her coming to harm on the way home from campus because, hey, this is Rolla! But recalling the recent rise in rape cases near the campus, and upon taking a look around late at night, I'm not so sure.

Two or three weeks ago, the Miner posed the question: Is the UMR/Rolla police doing enough to prevent rape on the UMR campus? Three of the four students asked responded that the lighting was too poor. The lighting on the UMR campus, to be very blunt, is pathetic: On our above mentioned walk home, my girlfriend and I were able to see further once we were off campus than when we were on campus. It was so dark that I had trouble just reading my watch while standing near the flagpole in front of the library!

Therefore, my suggestion to the UMR police and/or whomever is responsible for campus security, is to take a walk on the campus at about 12:15AM some morning. Do it without a gun, a radio, or a nightstick, and do it in plain clothes. Oh, and do it by yourself. Then, if you can honestly say that you feel safe, I guess I and at least 3 out of 4 people are just whimps.

Now I'm not saying that some simple lighting is going to prevent all late-night campus crimes. There is no substitute for walking home with someone (CSO will send you an escort if you call 341-4300,) calling for a ride, and just using your common sense. But, a dozen or so strategically placed floodlights, like the ones over at the golf course driving range, would go a long way toward reducing the chances of a crime being committed. Until then, I guess we'll all just continue wandering around in the dark.

Travis S. Newkirk

Homosexuality: Is it the person, or is it the act

I am writing in response to the opinions expressed in the Miner this fall regarding homosexuality. There have been some "so-called" facts presented that are unfounded and absurd. The misunderstanding is not unidirectional. There are many people, such as myself, who do not hate the homosexual person; what we hate is the homosexual act.

Do not be mistaken many people who are against homosexuality are not totally ignorant of the lifestyle. We have read books, magazine and newspaper articles, and listened to speeches on the topic. Some of us have talked to homosexuals to find out more about them. There is one final and all-encompassing authority on the subject- the Holy Bible. In the first chapter of Romans, God instructed Paul to tell us that the lifestyle of homosexuality is wrong and people who perpetrate that lifestyle will be punished.

Romans chapter 1 verses 26-28 and 32:

Because of this, God gave them over to shameful lusts. Even their women exchanged natural relations for unnatural ones. In the same way the men also abandoned natural relations with women and were inflamed with lust for one another. Men committed indecent acts with other men, and received in themselves the due penalty for their perversion. Furthermore, since they did not think it worthwhile to retain the knowledge of God, he gave them over to a depraved mind, to do what ought not to be done. Although they know God's righteous decree that those who do such things deserve death, they not only continue to do these very things but also approve of those who practice them.

One writer is trying to tell us 37% of all adult Americans have had homosexual experiences! Come on! Think about that comment! How can you say that the homosexual lifestyle is normal? It is unnatural and immoral according to God's word. Sex was created by God for the purpose of multiplying the population. So, if a "type" of sex cannot produce offspring, it is not normal. This is why many people like myself are disgusted to see open homosexuality. This is why we don't want them teaching our children and being role models.

Homosexuality is a sin, according to God's word, so therefore, I don't hate the person, but I do hate the sin.

Homosexuality can be cured, if the person wants, by accepting Jesus Christ as the LORD and Savior of his life. Then, ask HIM to help you make a U-turn out of that perverted lifestyle. Don't get me wrong, it won't be a rose garden, but it can be and has been done. Even more important though is the fact that the person who accepts Jesus will receive eternal life. This is the only way to live forever in Heaven.

If anyone wants to know how I know that homosexuality is not normal, read the following passages in the Holy Bible: Leviticus 18:22, Leviticus 20:13, 1 Kings 14:24, and the first chapter of Romans.

Sincerely,

Bruce D. Holcomb

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Awards offered for innovative uses for teflon



News Service
SOURCE

Wilmington, Delaware, August 26, 1993 — More than 900 entry packets have been requested to date from students, department chairs, professors and faculty advisors for the 1994 Plunkett Student Awards For Innovation With Teflon, sponsored by DuPont. This is the first year of this biennial awards program, which has been endorsed by the Industrial Designers Society of America.

A six-member independent panel of distinguished scientists, journalists and industrialists will judge the competition. NASA Space Shuttle astronaut Nancy J. Sherlock, Major, U.S. Army; Dr. Emanuel Horowitz, Professor, John Hopkins University and National Institute of Standards and

Technology Gold Medal Recipient; James E. McGrath, Director, Center for High Performance Polymeric Adhesives and Composites, Department of Chemistry, Virginia Polytechnic Institute and State University; Lawrence Maloney, Chief Editor, Design News; Drew C. Azzara, Director, America Society of Testing and Materials, and Hugh Patrick Toner, Vice President, The Society of the Plastics Industry, Inc. make up the judging panel.

The best examples of student innovation in fluoropolymer technology will be rewarded with prizes and scholarships worth more than \$30,000. The judging will take place in February 1994.

"By encouraging students tomorrow's employees and industrial technologists to solve real world technological problems, our competition can provide valuable experience to these future college graduates," said James M. Keegan, Americas business

director for DuPont Fluoropolymers and chairman of The DuPont Plunkett Student Awards For Innovation With Teflon. "It also will foster growth in fluoropolymer understanding and technology through student research into new applications," he said.

Winning entries must demonstrate both innovation and potential for commercialization that can open or expand markets for fluoropolymers. Students are required to submit a prototype, or a paper on a reducible-to-practice application, both with supporting information, using either Teflon or Tefzel fluoropolymer resins.

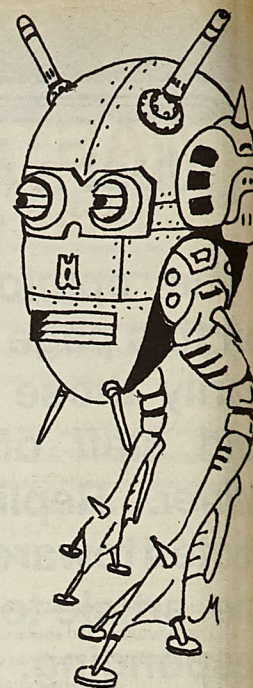
The First Place winner will be offered an option: a summer internship, valued at approximately \$10,000 in DuPont Fluoropolymers, or a \$3,000 cash award. Second and Third Place winners will earn cash awards of 2,000 and 1,000 respectively. The top three winners, as well as the winners of the ten Honorable Mention awards, will receive all-expense-paid trips to the

Awards events. Scholarships will be awarded to the schools of the top three prize winners. Cash honorariums will be given for the ten Honorable Mention selections.

The DuPont 1994 Plunkett Student Awards For Innovation With Teflon will also seek, as appropriate, to match students with DuPont customer fabricator advisors to provide additional consultative assistance in the preparation of their entry. Scholarships to the institutions of choice of the customer advisors of the winning students will also be awarded.

Full-time students, working individually or in teams, are eligible. The competition is open to juniors, seniors and graduate students. Faculty sponsorship is required. The deadline for submitting entries is January 14, 1994.

To obtain information or an entry form, call 800-432-7536, or write The DuPont Plunkett Student Awards, Suite 550, 400 North Capitol Street, N.W., Washington, D.C., 20001.



Students offered unique research opportunities in the SERS program



News Services
SOURCE

If you are a sophomore, junior, or a senior studying computer science, engineering, physics, environmental and life sciences, mathematics, or physical science, the Science and Engineering Research Semester (SERS) offers you the unique opportunity to do hands on research with some of the nation's top scientists at one of seven national research laboratories during the academic year.

The U.S. Department of Energy (DOE) is sponsoring the program to encourage undergraduate students to continue their studies in science and engineering. More than 400 students annually receive SERS appointments

at one of the participating laboratories. These laboratories include Argonne, located outside Chicago; Brookhaven, on Long Island, N.Y.; Lawrence Berkeley, near San Francisco; Lawrence Livermore, at Livermore, California; Los Alamos National Laboratory, in New Mexico; Oak Ridge National Laboratory, located in Tennessee; and Pacific Northwest, in Washington state.

Participants must become members of research teams engaged in long-range, intensive investigations at these outstanding facilities. Fields of study include but are not limited to artificial intelligence, biomedicine, basic and applied chemistry, earth and space sciences, environmental and life sciences, mathematics and computer science, high energy and nuclear physics, reactor physics, engineering, geophysics, waste technology, nuclear medicine, and automatic inspection/

measurement systems. A more detailed listing of research areas at all participating laboratories is available in the application brochure.

While emphasis of the program is hands-on research, SERS also includes an educational enrichment component. Participants attend seminars and symposiums sponsored by the divisions at their laboratory and have the option of enrolling in a course at a nearby university or college. Students are also encouraged to arrange the granting of academic credit by their home institutions for the research semester, thus staying on track for graduation.

To be eligible for participation in SERS, students must have completed the sophomore year at an accredited U.S. community college, or a four-year college or university. Applicants must be U.S. citizens or permanent resident aliens interested in pursuing a

degree in computer science, engineering, environmental or life sciences, mathematics, or physical sciences. A limited number of appointments are also available within six months after graduation for students not enrolled in graduate school.

Guidelines suggest an overall grade point average of 3.0 or higher, based on A=4.0.

While in the program, SERS participants will receive a weekly stipend of \$225 per week, housing, and travel reimbursement for one round trip to the appointment site.

For more information of the SERS program, contact: Science and Engineering Research Semester, 901 D. Street, SW; Suite 201 A; Washington, DC 20024; phone: (202)488-2426.

The application deadline for the spring semester is October 20. The 1994 fall term deadline is March 15, 1994.



ISEE to host annual conference



News
Services
SOURCE

Cleveland, Ohio — The International Society of Explosives Engineers announced it will be accepting registrations for the 20th Annual Conference on Explosives and Blasting Technique, and the 10th Annual Research Symposium and Exhibition to be held in Austin, Texas, January 30 to February 3, 1994.

Since its inception in 1974, the Society has grown to represent over 3,000 members from more than 79 countries. The Annual Conference is part of a program which demonstrates the commitment of the International S.E.E. to be an information network and support system for individuals and corporations involved in every aspect of the explosives industry.

Starting with the first conference in 1975, the annual event has increasingly gained notoriety in the explosives industry as an international forum uniquely designed and targeted to assist the hands-on explosives user. As in years past, the 1994 Program will include exhibits, technical sessions, a research symposium, panel discussions and workshops. Featured will be the presentations of over 80 technical papers from leading experts in the field of explosives.

Situated in the scenic hills of Austin, the Stouffer Austin Hotel will be playing host to the 1994 conference attendees. A mere fifteen minutes from Mueller Airport, the conference site is in close proximity to many local attractions such as the State Capitol, LBJ Presidential Library, the University of Texas, and Lake Austin and is a short drive from San Antonio. For more information contact Marla Eshelman, SEE Conference Coordinator 216-3494004.

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Features

WASTE TIPS: How to reduce landfill load

The Missouri Department of Natural Resources' Division of Environmental Quality offers these tips for households to reduce the amount of waste they send to landfills:

- Buy in bulk.
- Buy concentrated products.
- Reuse cardboard boxes, plastic bags and paper sacks.
- Buy durable products rather than disposable ones.
- Avoid buying overpackaged products.
- Donate used items to charitable organizations.
- Use a plunger rather than a chemical drain opener.
- Use cloth napkins.
- Select appliances with good service contracts and warranties.
- Repair clothes and shoes instead of throwing them away.
- Buy used items when you can.
- Use sealable storage containers rather than plastic wrap.
- If you buy prepackaged single-service microwave meals, save the plastic plates for picnics or to use as dinnerware for children.
- Take a cloth bag to the store rather than using paper grocery bags.
- Remove your name from the mailing list of materials you no longer wish to receive.
- Use washclothes instead of paper towels.
- Use bar soap rather than pump soap.
- Use a shaving mug and brush instead of aerosol canisters.

Laurie Wilman

The life and times...

The bum look: a bold fashion statement

News Flash: A trend has developed. Actually, an anti-trend has developed. Now, since I know how over-stressed and overwrought your poor tired brains are—knowledge I have gained from my own personal experience, of course—I will do you the favor of elaborating.

See, I have been wandering rather aimlessly around this campus for one year and nine weeks now, so I have come to notice a few things: Rolla squirrels are carnivores who like to throw acorns at passer-by just to see if they will duck, one need go no further than the tunnel to T. J. to throw themselves in front of a speeding vehicle after a particularly, uh, disturbing test (bicycles can be considered vehicles, can't they?), and there are very few people gracing the university with their presence who actually make a fashion statement or even care what they look like when going to class.

Now, for the exceptions-to-the-rule for this last observation here who actually wear a tie or get up early enough to put on make-up and curl their hair, may I offer my utmost in respect because I most cer-

tainly do not qualify anywhere near this category. I do believe, though, that you are the ones who will be much better prepared for life in that evilest of places (the dreaded Real World) than the rest of us bums, but I just cannot quite convince myself to follow in your esteemed footsteps.

Why, you may ask? Well, I have got a couple different excuses. First of all, at 7:30 in the morning I'm lucky if I can find my way from my bed to the closet (and in a 12' * 14' room, that is saying something). I have neither the coherency nor the visual skills after just waking up to dig out some decent clothes, let alone anything that somewhat matches (colors are tricky little things to decipher with your eyes closed). Secondly, I, at the young and tender age that I currently am, do not own a great deal of so-called 'good clothes' in the first place. I mean, where have I ever been in my life up until now where I have needed to actually look nice or professional or whatever on a day-to-

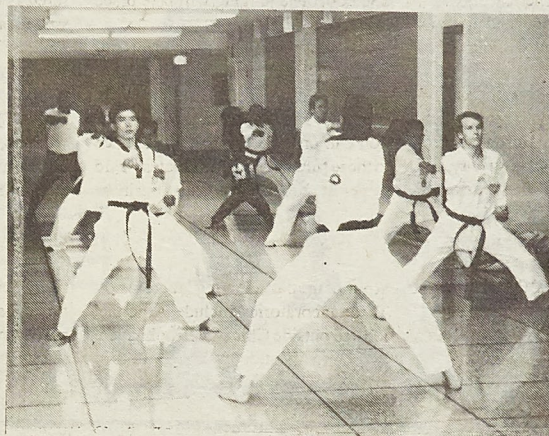
see Life, page 16

Tae Kwon Doe club back in action



TKD Club
SOURCE

The University of Missouri Rolla's TAE KWON DO CLUB, is back in action for another exciting semester. Already this semester the UMR TKD club has attended two tournaments, one in Ames, Iowa at Iowa State University and one in Blue Springs, Missouri, held by Master Gautraex School for TAE KWON DO. For the tournament in Iowa, Mr. Andrew McCullough, the club instructor, took first place in forms and took a very close second place in the free sparring,



Brett Saunier

Kwon Do club members are sparring their way to the top

only to long time rival, Trever, last years National Collegiate champ. Other members of the club to participate were Chao Zhang, a red belt. He took a first place in free sparring

and a second place in forms. The Blue Springs tournament also had good turn out. Starting first with the women's division. Willetta Fitzpatrick, a green belt, took a first place in free sparring and a second place in forms. Claire-Nechol Sevier, a green belt, took a close second place in free sparring and a third place in forms. In the adult

Bill Fischer, a yellow belt. Moving to the junior division ages 11-13 was Richard Wu taking an easy first place in free sparring and 2nd place in forms. Going on down in the junior division at ages 8-10 was Mostafa Zarnanian, a red belt, bringing home first place in forms and a hard third place in free sparring. This sums up the activities for the previous tournaments.

The only future tournament scheduled for this semester is National Collegiate's, which the club will have several members participating at. The top three competitors in each of the weight divisions get a slot to try out for the Olympic TAE KWON DO team.

If anybody is interested in taking a look at the UMR TKD club please feel free to come by and watch a practice or participate in practice. Practices

are Monday, Wednesday, and Friday from 4:00pm. -6:00pm. every week. Practices are held in the Multi-Purpose Building on the first floor.

Another Successful Derby Days



Sigma Chi
SOURCE

Sigma Chi Derby Days came to a close last week, raising over \$2280 for charity. Five teams, three of them new faces in Derby Days, participated with Sigma Chi to raise money for the needy. Zeta Tau Alpha represented the Susan B. Coman Center for breast cancer research. Kappa Delta represented the Children's Hospital. Gamma Eta supported the Great Expectations Rape Crisis Center. And the Daughters of Lee put forth their effort for the Salvation Army for flood relief. Sigma Chi's funds went to their national philanthropy, the Children's Miracle Network.

Zeta Tau Alpha amazed everyone by raising \$1100, almost half of the total amount raised. Their incredible efforts are greatly appreciated by Sigma Chi and the Coman

Center. A portion of their proceeds is also going to buy presents for needy families this Christmas. Congratulations to Zeta for winning the fundraising competition!

A new contest was tried out this year. It involved selecting a Derby Days Sweetheart by collecting spare



change for one candidate from each team. The '93 Sweetheart, Becky Arnold of the Daughters of Lee, was recognized with a gift certificate to Key Sport and several whipped cream pies in the face. In the end, the spare

change totaled up at \$150, \$80 of which was in Becky's cup. Thanks to Becky for being such a sport. Sigma Chi loves you!

In the overall Derby Days competition, which included a banner competition, a song night, and the Derby Days games, Kappa Delta narrowly edged the Daughters of Lee for the trophy. Polly Robinson was recognized as the team captain of the year for her extraordinary accomplishments with T. J. Mark Zurbuchen was pronounced coach of the year for his work with the Daughters of Lee.

Sigma Chi would like to thank all the teams for participating and making this the most successful Derby Days ever. Special congratulations go to the winners of the two competitions, Zeta tau Alpha and Kappa Delta. The Sigs are looking forward to doing it all again next year, and hope all five teams will return and maybe even a few more. Thanks from Sigma Chi!

Greetings from the Green side



Rob Wilson
Staff Writer

Greetings from the green side! There are several announcements to be made. First of all, for the 86th annual St. Pat's Celebration Parade, the 1994 parade theme is "St. Pat's Enters the World of Animation." This theme leaves a broad spectrum of possibilities for floats and non-floats, so start brainstorming. The deadlines for float entries is upcoming, so keep a look-out.

Secondly, town sales will begin on Saturday, October 30. The 1994 green will be on sale throughout the Rolla area, so if you can't make it to the puck between classes, or need your green for the weekend, or know someone who does, Saturday is the day to buy. The St. Pat's Committee will do all they can to keep up the supply of green. Keep a look out for sale locations.

Finally, the St. Pat's Committee and Student Council Open Forum is tonight, Wednesday, October 20, at 6:30 p.m. in M.E. 104. All are invited to attend. As per last week's Miner article on the Open Forum, the St. Pat's Celebration, the St. Pat's Board,

and the St. Pat's Committee will be discussed, so anyone with suggestions, problems, comments, compliments, etc. is certainly more than welcome to attend.

How many Daze, you ask? Only 148 Daze to go!



Brett Beudel

Help Beudel out, buy your green!

KUMR exceeds kickoff goal by 25%



KUMR
SOURCE

At 10:01 on Sunday morning, October 10th, Wayne Bledsoe turned off his mike and looked up at the official KUMR Tote Board for the 20th ANNIVERSARY KICKOFF CAMPAIGN to see a total of \$23,007, \$3,007 higher than the goal of \$20,000! When all the paper work was done on Sunday the total had climbed to \$25,117, 25% over the goal! Once again, public radio supporters from all over South Central Missouri have rallied to support radio station KUMR. The first pledge kicking off the drive came from Waynesville and the last, from Owensville. 119 new members took advantage of the matching funds provided under the UMR Challenger's Challenge Fund and joined the KUMR family of supporters for the first time.

KUMR's General Manager, Janet Turkovic, comments "The outpouring from KUMR listeners goes to affirm the existence of this public radio station. Member-support continues to be the key to our success and area businesses have bolstered that support many times over."

KUMR was placed under severe financial duress during the University of Missouri-Rolla's budget crisis two years ago. At an annual accrual rate of \$30,000, funds are being withdrawn from the small station's already lean budget. And station management has

had to appeal to the grassroots support it has always enjoyed. The public's enthusiasm for KUMR has become a constant feature throughout the year, with members showing a loyal and ongoing commitment to the station in a variety of ways, both financially and in volunteer work.

Final KUMR Dinner/Concert



KUMR
SOURCE

Public radio KUMR 88.5 and Ferrigno Winery will hold their final Dinner/Concert of the 1993 season Saturday October 16 at Ferrigno Winery in St. James at 8:00 pm. The final concert will be a classical program performed by KUMR's General Manager Janet Turkovic and many of her friends from Rolla and the surrounding area.

Janet and Friends will be performing two works of Wolfgang Amadeus

Mozart and the Jazz Suite of Claude Bolling. Janet's Friends include Art Irion, Gail Andrews, Becky Logan, Jonathan Zigman, Mark Miller, and Nancy Mackaman. All works on the program are chamber music and the jazz suite features Ms. Logan on the Bass Flute, a rare opportunity to hear this instrument in concert.

Public Radio KUMR 88.5 would like to thank you for another successful Dinner/Concert series. We look forward to seeing you at Janet and Friends.

To make your reservations call Ferrigno Winery at 314-265-7742 or 314-265-8050.

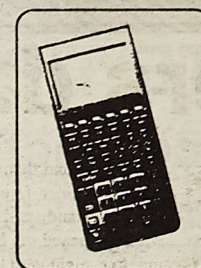
Attention HP-48'ers

HP-48S

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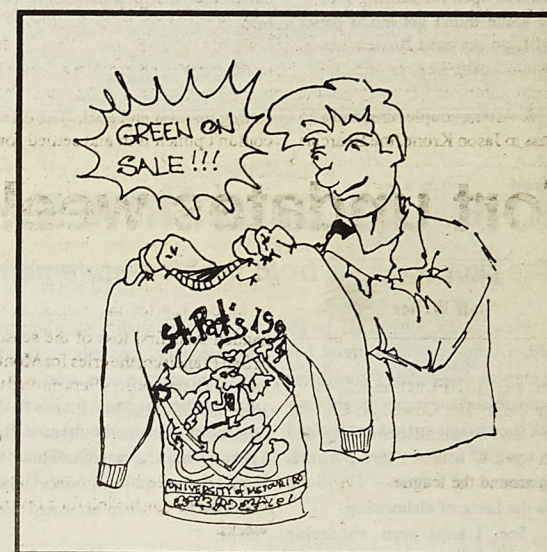
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Sports

Miners drop heartbreaker to NWMU

Joe Hornburg
Asst. Sports Editor

The NWMU Bearcat's came to town Saturday to take on our Miners on a warm, cloudy Parent's Day. The Miners entered the contest hoping to rebound from last weeks 28-3 loss to perennial powerhouse Pittsburg State. UMR was also looking to avenge five straight losses to NWMU, and gain valuable ground in the conference race. The result was a close 27-20 loss in a game that featured lots of big play scoring.

NWMU won the toss and elected to receive. The Miner defense (2nd in MIAA, 23rd nation) held the Bearcats on their first possession, but a roughing-the-punter penalty gave the ball right back to NWMU. Three plays later, QB Lawrence Luster made the Miners pay, by keeping it 50 yards on the option to open the scoring 7-0.

The game didn't get much better for UMR, on the next Bearcat's next possession, Luster kept on the option again and rumbled 31 yards to the Miner 38. After a couple runs, and a 25 yard pass to Jason Krone, the Bearcats

found themselves 1st and goal on the Miner four. The defense needed a stand, and that's exactly what happened, as Krone was dropped for an eight yard loss on 3rd down. NWMU settled for the FG attempt and missed, keeping the score 7-0.

The Miner offense was having trouble protecting QB Mike Wise as he was sacked for the second time in two series to force a punt deep in Miner territory. NWMU took over on the Miner 34, and on the first play of scrimmage, fullback Michael Ford rumbled 34 yards for the touchdown, making it 14-0.

Things didn't look any better to start the 2nd quarter as on UMR's next drive Wise was hurt running the option. Backup QB Joe Knapp came on in Wise's place, but threw three incomplete passes and the Miners had to punt again.

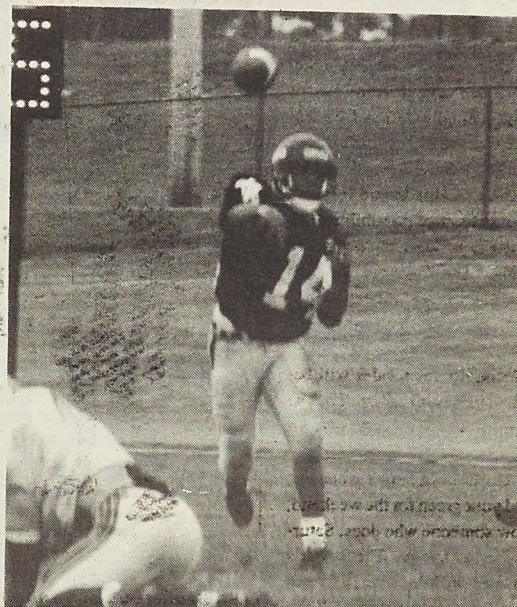
The Bearcat's Ford fumbled the ball on their next possession to give the Miners excellent field position at the NWMU 33 yard line. The Miner's leading rusher, Ernest Brown, took it to the seven yard line on second down, setting up a 1st and goal. The offense couldn't punch it in and settled for an

Eivind Listerud 26 yard field goal. Listerud leads the MIAA in field goals and is third in scoring.

The Miner defense started to shut down the Bearcat offense as Eivind Listerud tacked on another field goal. With 1:54 to play in the first half, the Miners regained control on their own 22 yard line on a Luster fumble. Wise calmly led the offense down the field, completing passes to Chris Dawson and Steve Howard. Brown took a draw play to the Bearcat 15 and then Wise found Howard in the endzone for the touchdown. The Miners went for the two-point conversion but failed. The half ended 14-12 NWMU.

UMR's offense began to click, as they marched the second half kickoff to the Bearcat 37. Next, Ernest Brown took the handoff and scored, to put the Miners up 20-14 with the 2-point conversion.

After another defensive stand, the offense drove the ball to the Bearcat nine yard line. The Miners had the momentum and looked as if they were starting to dominate but a third down pass by Wise was intercepted by Cliff



Doug Sobrey

Miner quarterback Mike Wise completes another pass

Fort updates week #7 action

Brian Fortelka
Staff Writer

This week in NFL action proved up to its billing. The Cowboys, Chiefs, Steelers, and Giants all looked impressive in week #7 action. Here is how I saw it around the league.

NFC-East: The Cowboys are coming, the Cowboys are coming. The Dallas Cowboys are the class of the NFL again this year. Troy Aikman and Micheal Irvin shredded the 49er defense, to cruise to an impressive win and cease any doubts that the Cowboys aren't for real...Phil Simms and an offensive line that could make any running back a 100 yard gainer, demolished a reeling Philadelphia Eagle squad. The Eagles hopes now rely on the shoulders of ex-Jet Ken O'Brien, and that's not good either....Talk about a disappointment, the Redskins have hit rock bottom. How could a team who defeated Dallas in week one, go on to lose the next five in a row?....The beloved Cardinals looked like league bullies in their thrashing of the Skins. Pitt State product Ronald Moore could help the Cardinals out of the basement once and for all.

NFC-West: New Orleans was

given a wake up call via the Steel Curtain on Sunday. Turnovers proved to be the key for the Saints, as they handed their first loss of the season... In San Francisco, the cries for Montana were not heard as the 49ers moved to 3-3 for the season...The Atlanta Falcons finally got on the winning track, with a Thursday night thrashing of the Rams. Jerry Glanville has "Prime Time" to thank for saving his job for a few more weeks.

AFC-West: With a little help from big Neil Smith, the K.C. Chiefs escaped out of San Diego with a win. Not one but two blocked field goals by the big man provided all the punch the Chiefs needed....The Seahawks were blown out of the Silver Dome, while the Silver-Stretch offense and Barry Sanders ran wild. What happened to the vaunted Seahawk defense? Who cares.

AFC-Central: The Steel Curtain defense came to play on Sunday. Rod Woodson stepped up and picked off two as the Steelers looked to be back in the playoff form of last year...The Oilers outmanned the Patriots, but who can't outman New England? With Warren Moon as a non-starter in Houston, many teams have their eye on the Moon Man.

This weeks big games include a Monday Night showdown for NFC-

Central supremacy between the Bears and Vikings. Here is the rest of week #8 action.

Atlanta	at	New Orleans
Buffalo	at	N.Y. Jets
Cincinnati	at	Houston
Detroit	at	L.A. Rams
Green Bay	at	Tampa Bay
New England	at	Seattle
Phoenix	at	San Francisco
Pittsburgh	at	Cleveland
Indianapolis	at	Miami
Minnesota	at	Chicago (Mon.)

Lock of the Week: Atlanta at New Orleans. The Saints are coming off an embarrassing loss at Pittsburgh, while the Falcons picked up their first win of the season last week. The Super Dome is no picnic ground for opposing teams, especially Atlanta.

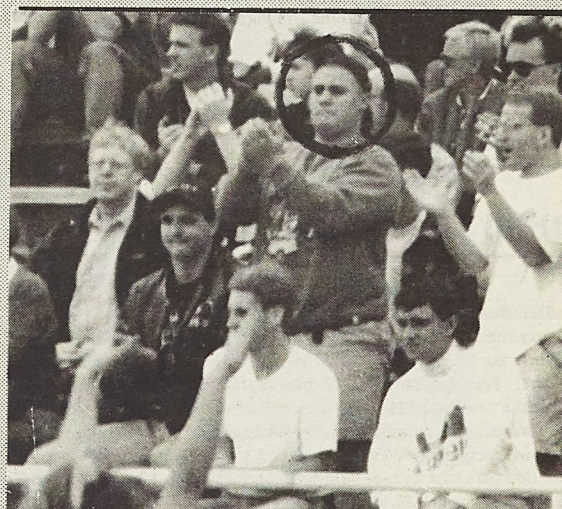
Saints 36 Falcons 17

Upset Special: Cincinnati at Houston. The Oilers are having all kinds of problems. The Bengals are winless, but gave the Chiefs a scare at Arrowhead a few weeks ago. Dave Klingler is going home for the Bengals first win.

Bengals 24 Oilers 21

Editor Note: The Oilers have the most talent in the AFC. Look for Moon to answer his wake-up call (benching), as the Oilers roll to the playoffs.

Miner fan in the stands !



D. Sobrey

This weeks Miner fan in the stands was attending the Miner football game this past Saturday. If this is you please come to 103 Norwood Hall, this Thursday at 5:00 p.m. to claim your prize.

Roller Hockey Update

Roller Hockey
Source

Well it's October and the hockey season is in full swing, not only in the NHL, but also at UMR. The UMR IN-LINE ROLLER HOCKEY CLUB has been formed and currently has a roster of 50 players. We are hoping to get a few more players so we can form a six team league. If you are interested in playing call: Jay Kladiwa, President (364-2314) or Kevin Lutin, Vice-President (364-4957).

First, some facts about the Club. We are in the process of getting campus recognition. Dues are \$5 a semester. **Wednesday Oct. 20 we are going to have a meeting at Kappa Sigma at 10:30.** The meeting will not last more than an hour. At the meeting we are going to form a four provisional team league so we can start evaluating player's abilities. **Attendance is a must, we need to know how many players we have.** If you can't make it call one of the officers given above.



Doug Sobery

Miner wide out Chris Dawson breaks away from two NWMU defenders in Saturday's home game.

Football from page 7

Massey and returned to the Bearcat 46.

The score remained 20-14, as the Bearcat offense kept driving the ball on the Miners. Fortunately, Darin Nix intercepted a pass on the Miner 4 to preserve the lead.

After an unsuccessful drive by the offense, the Bearcat's took over deep in their own territory with 3:02 left in the game. Things were looking good for UMR until Chris Brooks slipped past the secondary and was on the receiving end of an 85 yard touchdown pass. Their was still hope for UMR as NWMU botched the extra point.

So with 2:36 left in the game, and a tie score, the Miners took over on their own 32. They proceeded to drive to the Bearcat 39 but an illegal procedure penalty forced a 3rd and long and

The teams will play two games weekly on Tues., Wed., or Thurs. nights from 9-11 PM at TLC Skate Center. Practices will be held on Sundays at the Multi-Purpose Building upstairs behind the bleachers at 5PM. We will play with these four teams (or six) till the end of the semester.

We are going to play NHL 5 on 5 hockey with goalies. In order to play one needs a pair of rollerblades with wheels that have not been used outdoors with a hop-up hit, a hockey stick, and preferably knee and shin guards. Any extra padding can be worn at the player's discretion.

Next semester, in addition to the four or six team league, we are going to draft the top players from the league to form an A and B side traveling team. This team will travel periodically throughout the semester and play other schools. This will in no way interfere with the regular weekly league play.

Again, if you are interested give us a call. You don't have to be able to skate like Sergei Fedorov to play. We could use a few more good guys.

College Football Top 20

Bill Broyles

Staff Writer

- 1) Alabama - The defending national champs continue the country's largest winning streak. They'll have a tough test this week from Tennessee.
- 2) Florida State - The Seminoles finally got over the hump and beat Miami. They still have to beat Florida and Notre Dame to have a shot at Alabama and the National Title.
- 3) Florida - The Gators face off against Auburn this weekend in a match up of undefeated teams.
- 4) Ohio State - The Buckeyes beat Illinois last week. They'll have to play better this week to beat Michigan State.
- 5) Notre Dame - The Irish continue to dominate. In order to contend for the National Title, they must beat Florida State.
- 6) Nebraska - The Corn Huskers

continue their journey back to the Orange Bowl. This week they will burst Kansas State's bubble.

7) Tennessee - The Vols knocked off Arkansas. This week they get the National Champs.

8) Penn State - The Nittany Lions can make their mark in the Big-10 this week by beating Michigan.

9) Miami - The Hurricanes looked human in last week's loss to Florida State. It will be their only loss all year.

10) Oklahoma - The Sooners finally beat Texas. Now they get to see if they can beat Colorado.

11) North Carolina - The Tar Heels have one of the best ground games in the country.

12) Washington - The Huskies had to come from behind to beat California. This week, they will beat up on over-rated UCLA.

13) Arizona - The Wildcats have the nation's top defense. This week they try to shut down Stanford.

14) Texas A&M - The Aggies con-

tinue to Roll through the SWC.

15) Auburn - Since they're on probation, the Tigers would like nothing better than to knock Florida out of the National Title picture.

16) Michigan - The Wolverines were stunned by Michigan State. This week they could lose again when they visit Happy Valley.

17) Syracuse - The Orangemen have been somewhat of a disappointment. They should Roll over Pittsburgh.

18) Colorado - The Buffalos need a quality win. They could get it this week at Oklahoma.

19) Wisconsin - The Badgers continue to be a surprise. Could they be Rose Bowl bound??

20) Virginia - The Cavaliers have looked good, however, they will just be Florida State's next victor.

Teams to watch: West Virginia, California, Michigan State, Kansas State
Editor Note: Florida State will be #1 after the weekend

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Any Questions, call Chris Reiter @ 364-8115

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LIFE WITH- OUT IT BITES.

HERE'S SOMETHING TO CHEW ON.
NO ANNUAL FEE. NOW THAT'S
SOMETHING YOU CAN
SINK YOUR TEETH INTO.



IF YOU DON'T GOT IT,
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Captain Goatee's weekly review



Captain Goatee
Staff Writer

This week: Nirvana, Meatloaf, Smashing Pumpkins, and Fugazi

Captain Goatee Log: Wednesday, October 13, 1993, 9:42 pm.

It was a good day. I just returned from seeing a brilliant performance of The Tempest at Castleman Hall. It reminded me that there is life outside of this engineering hell. Once home, I turned on the latest Meatloaf album so that I might get in another listen before finishing my column this week. Then I had a feeling, so I also turned on the tube to find none other than a repeat performance of Annie Lennox on Saturday Night Live. What a beauty, what a voice, what a joy. Then, when I returned to the new Meatloaf, I realized that I had finally found a meat that this vegetarian could enjoy. After years of Meatloaf bashing, I was suddenly won over. Today could only have been more perfect if I could get that one cute blond to go out with me. Oh well, that's another story and another night. At least tonight, I can cuddle up with my newfound friend, Meatloaf.

Alright, enough of the silly stuff. This week your good friend the Captain is featuring a harder sound. I'll start off with the review you've been waiting for, Nirvana's *In Utero*. Then we go out for a little of Meatloaf's very long awaited (loathed?) comeback. Plus we look at two highly rated releases from this summer: Smashing Pumpkins' *Siamese Dream* and Fugazi's *In on the Kill Taker*.

And, so they don't get lost at the end: I took a brief look at the concert listings for this area, and, although I didn't find a lot, I have a few which might interest my readership.

Brewer and Shipley
(Noted for their hit "One Toke Over the Line")
Saturday, October 23
Blue Heron Rookery in Doolittle (762-BIRD)
(Doolittle is 5 miles outside of Rolla.)

the Juliana Hatfield three
w/ Dillon Fence
Monday, October 25th
Mississippi Nights in St. Louis (421-3853)
Buffalo Tom and Bettie Serveert
Tuesday, October 26th
Mississippi Nights in St. Louis (421-3853)

Plus, look for Natural Bridge, Geyer Street Sheiks, Pierce Pettis, Carrie Newcomer, and Crow Johnson at the Blue Heron in November.

Now, how about some reviews...

Album Review

Nirvana

In Utero

DGC w/ SubPop (1993)
8 goatees

Well, it's finally out. Nirvana is back with the much ballyhooed and much controversial *In Utero*. In the two years since *Nevermind* was released, a lot has changed. For one, a little 3 piece band from somewhere around a mystical town called Seattle with origins imbedded in the Melvins and Black Flag as well as The Beatles and Cheap Trick has suddenly become the multiplatinum leader of a thing called grunge.

Bleach, the first Nirvana album on SubPop, was fast, fun, and had lots of screaming. I didn't hear about it until after *Nevermind*, but who cares. I listen to it a lot nowadays. It's a nifty pop-punkish CD with no glamour and no pretense. *Nevermind*, Nirvana's second, featured a pop sheen applied by producer Butch Vig. It had lots neat changes from soft to loud trash both within a song and from track to track. It was the tension between the regular pop song bubbling below and loud punk set out front which lifted *Nevermind* above either of the two mediums. The filler before *In Utero* was *Incesticide*. The album is a hodgepodge of good and bad tracks from the Nirvana vaults and showed both the best and worst of the band.

Now we have *In Utero*. Given the progression from *Bleach* to *Nevermind*, I was ready for a brilliant album. Producer Steve Albini has a reputation for making a live and dirty sound, and it seemed like we'd have another *Nevermind* without the sheen. Wrong. What we get is more of an *Incesticide*.

That is to say, some songs are fabulous. "Pennyroyal Tea," "Rape Me," and "All Apologies" are the three most potent songs on the album, and the cello backed "Dumb" keeps running through my head. They use the "Nirvana method" of holding back and blasting out just right. "Radio Friendly Unit Shifter" and "Heart Shaped Box" are pretty good also. Unfortunately, some songs are terrible. You get junk like "Tourette's" and "Scentless Apprentice" and songs like "Very Ape" which mimic previous songs (in this case, "On a Plain").

In Utero is a fairly good album, but it isn't the Nirvana I knew. The performance borrows from both *Bleach* and *Nevermind* in some positive ways, but the catchy feel is gone. The glory of the first two Nirvana albums was that the songs caught you on the first listen. *In Utero* doesn't have the same pull. So what do you do at the record store? Well, if "Heart Shaped Box" presses your button and you don't mind a dirtier sound, then *In Utero* will do you fine. But if you ask me, I'd go find a copy of *Bleach* before buying *In*

Utero.

NOTE: Both Wal-mart and K-mart have a national policy against selling "bad" albums as Prince's greatest hits. If you want to buy *In Utero* in Rolla, you will have to go to Forum Video. It's out near National supermarket on 10th Street. I personally recommend them for all of your music needs as they will order anything, and they have most of the albums I have reviewed this semester in stock.

Album Review

Meatloaf

Bat out of Hell II: Return to Hell
MCA Records (1993)

8 goatees

Well, there really isn't much to say about this album.

Those of you who love the original *Bat out of Hell* won't be disappointed. I hated *Bat out of Hell*. I still do. But for some reason I like this new one. It's been 15 long years, but that hasn't changed much. Once again, Jim Steinman has written an entire album for Meatloaf. The only real change this time through is that Todd Rundgren didn't produce this album. Basically, it's entirely Jim Steinman's baby this time. He even does a funny spoken word view of life from a 17 year old guy who's guitar is his god and his weapon.

So why, after years and years of Meatloaf bashing, do I like the new album? First, it's a superior recording from a technical point of view. There is a great dynamic range between the rocking passages and piano interludes. The music is constructed very well. The power chords are power, and this is the only album I know where the "la la la's" are so key integral to the sound as opposed to only being back-ups.

The repetitive nature of the first *Bat out of Hell* drove me, well, batty. (Sorry about that!) *Bat out of Hell II* still repeats phrases over and over and over again, but Steinman has learned to make them build to something or to have a purpose. And also, Steinman creates songs which have two or three sections to them. He stays completely away from the "verse verse chorus verse" format of almost every rock single of the past 50 years. It's refreshing to hear pieces rather than songs.

So is the new Meatloaf for you? Well, old fans should be pleased. I'm not sure if the lyrics will mean as much now that most of you have passed puberty, but the music is still there. Otherwise, for all you Meatloaf haters like myself, I'd say keep away unless the first single "I'd do anything for love (But I won't do that)" really grows on you.

(And does anyone know just what he won't do? If you can tell me, I'd appreciate it a lot.)

Album Review

Smashing Pumpkins
Siamese Dream

Virgin Records (1993)
9 goatees

Once again, I feel really dumb about not listening to a group. Since their first mention a few years back, the buzz on Smashing Pumpkins was that they were Chicago's version of Jane's Addiction. That is, they were touted as a band that knew how to combine loud rock and dreamy psychedelica. Well, now that I've actually sat down and took a good listen to their latest, *Siamese Dream*, I am heartily kicking myself for listening time missed out. Smashing Pumpkins are simply great.

Siamese Dream was co-produced with the band by Butch Vig. Yes. He's the same Butch Vig that produced Nirvana's *Nevermind*. His touch is immediately identifiable. The bass is allowed to rumble low and growl when used on songs such as "Hummer," but, where the song features no bass, the vocals are right in front. Vig strikes the right balance between punk roughness and pop sheen.

If it's meant to be rough, it's gravel. If it's meant to be soft, it's felt. It's great to hear an album so balanced in terms of shifting from dreamy passages to loud driving sections. Smashing Pumpkins know how to use dynamics. They know how to let a song build and how to let a song end on a quiet note.

The current single off of *Siamese Dream* is "Cherub Rock". It's a very good song, but it's rather straightforward for the band. Although a great rocker is necessary for attention of the Beavis and Butthead crowd, "Cherub Rock" doesn't really scratch the musical depth of the band. A better example would be "Disarm." In a *Dinosaur Jr.* move, the band uses hammer bells, acoustic guitar, and an orchestra. The song has a pageant much like Metallica's breakthrough hit "One." Although it doesn't break into speed metal halfway through, it still flows and grows to a powerful song with a lot of force.

And so goes the rest of the album. There is a touch of Nirvana, a touch of Sugar, and a bit of the later day Beatles. Those of you who could dig both the loud and the psychedelic sounds of Jane's Addiction must listen to Smashing Pumpkins. I never bothered with them while Jane's Addiction was around because I had my fix. But with Jane's demise, I have gone searching for a replacement, and I'm sorry I've missed out for so long. *Siamese Dream* is a spectacular album, and Smashing Pumpkins is a band to reckon with.

Album Review

Fugazi

In on the Kill Taker
Dischord Records

3819 Beecher St.
N.W.D.C. 20007
(\$8 ppd. in U.S.)
6 Goatees

For a number of years, I have been amazed at the number of friends who knew about Fugazi. For some reason, the band had infiltrated people's ears whom I'd never expected to own a hardcore album. Each time I heard a song of Fugazi's seemed pretty good, and I just assumed they were a great unknown that lots of people actually knew about.

Well, I guess I missed out on something. Has everyone overestimated this band, or is *In on the Kill Taker* just a bum record? Fugazi is characterized by a slower sound than you'd normally expect from a band labelled "hardcore." They like to be heavy on the bass line and feature mostly strained and shouted vocal lines. At their best, this adds up to a powerful piece of music which catches you in a lull and hits you from behind.

But that presentation is greatly lacking on this album. In fact, I can't think of a song which does it right all the way through. The worst is "23 Beats Off." It wins the "Worst Use of Feedback in a Solo" award for this year. I thought my tape deck was messed up. The buzzing just goes on and on and on while the drummer diligently keeps a beat which no one follows. Why bother? Fugazi's *In on the Kill Taker* just doesn't cut it.

Next week: A review of Tripping Daisy's debut, *Bill*, plus an interview with drummer Bryan Wakeland

Future weeks: John Mellencamp's *Human Wheels* and Prince's *The Hits collections*.

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

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UPCOMING PROGRAMS

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More Details!

TIME MANAGEMENT

Monday, October 25; 3:30-4:30
208 Norwood Hall
Facilitator: Ms. Angela DiNunzio

DEALING WITH DIFFICULT PEOPLE

Tuesday, October 26; 3:30-4:30
208 Norwood Hall
Facilitator: Dr. Carl Burns

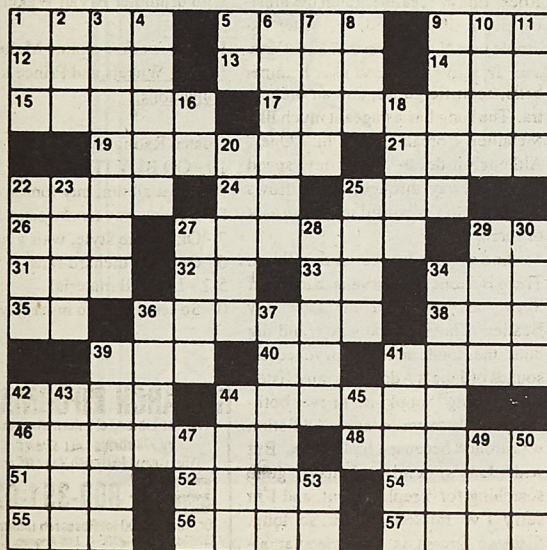
LONG DISTANCE RELATIONSHIPS

Postponed from Wednesday, October 27 to
Wednesday, November 3; 7:00 p.m.
G-8 TJ-Hall-AEC
Facilitator: Ms. Angela DiNunzio

Sponsored by
Counseling & Career Development
204 Norwood Hall; 341-4211

Time Killers

Crossword Companion



ACROSS

1. Elementary (abbr.)
5. Crush
9. Medical group (abbr.)
12. Mid-calf length skirt
13. Space
14. Man's title
15. Order
17. Preordain
19. Searcher
21. Thought
22. Hodgepodge
24. Doctor's assistant (abbr.)
25. Plural verb
26. Also
27. Born right here
29. Eastern state (abbr.)
31. Has
32. Impersonal pronoun
33. Midwest state (abbr.)
34. River in Scotland
35. Einsteinium symbol
36. Person who delivers ice
38. Employ
39. High card
40. Gold symbol
41. British streetcar
42. Shouldn't do (slang)
44. Weak condition
46. Passageway
48. Arm joint
51. Recreational vehicle
52. Gait

54. Other
55. Altitude (abbr.)
56. Nothing more than specified
57. Chair

DOWN

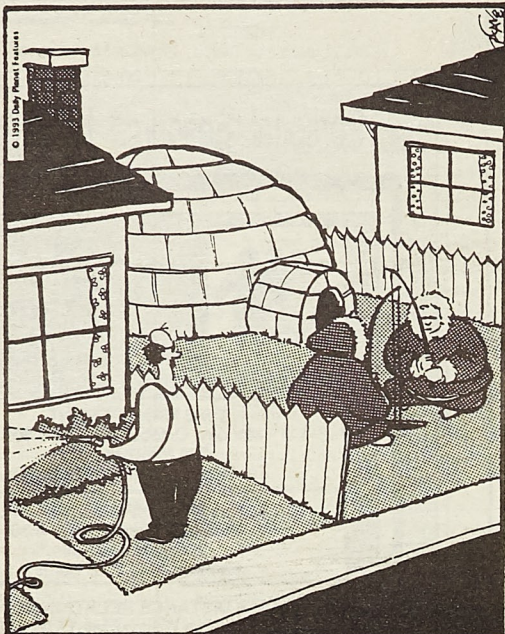
1. Scottish uncle
2. Bottle top
3. Single press run
4. Small (prefix)
5. New England state (abbr.)
6. Displaying devoting
7. Fortuneteller
8. Owns
9. Stage whisper
10. Belongs to me
11. Space
16. Tantalum symbol
18. Rubber wheel
20. Wooden box
22. Nebraska Indians
23. Highs and —
25. River in England
27. Polite
28. Likeness
29. Flat-topped hill
30. Judge
34. Lasting
36. Idol
37. Feed trough
39. Regarding (Archaic)
41. Floor pieces
42. Variable star

43. Gem
44. Bet
45. I
47. Doctrine
49. Order of St. Augustine (abbr.)
50. Moist
53. 17th Hebrew letter

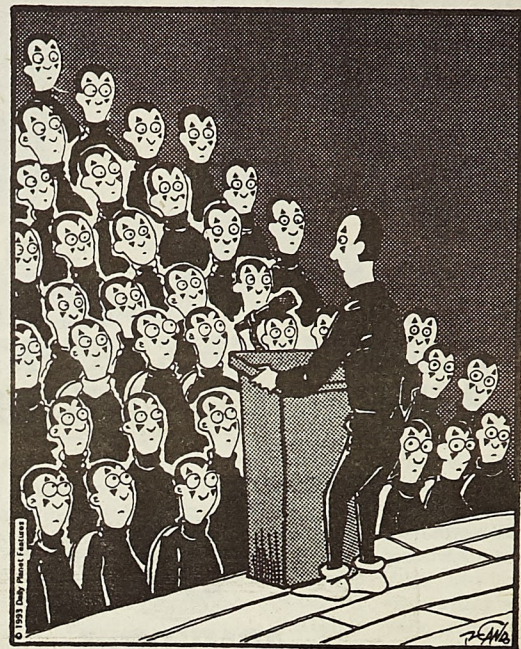
see solutions, page 18

CHAOS

by Brian Shuster

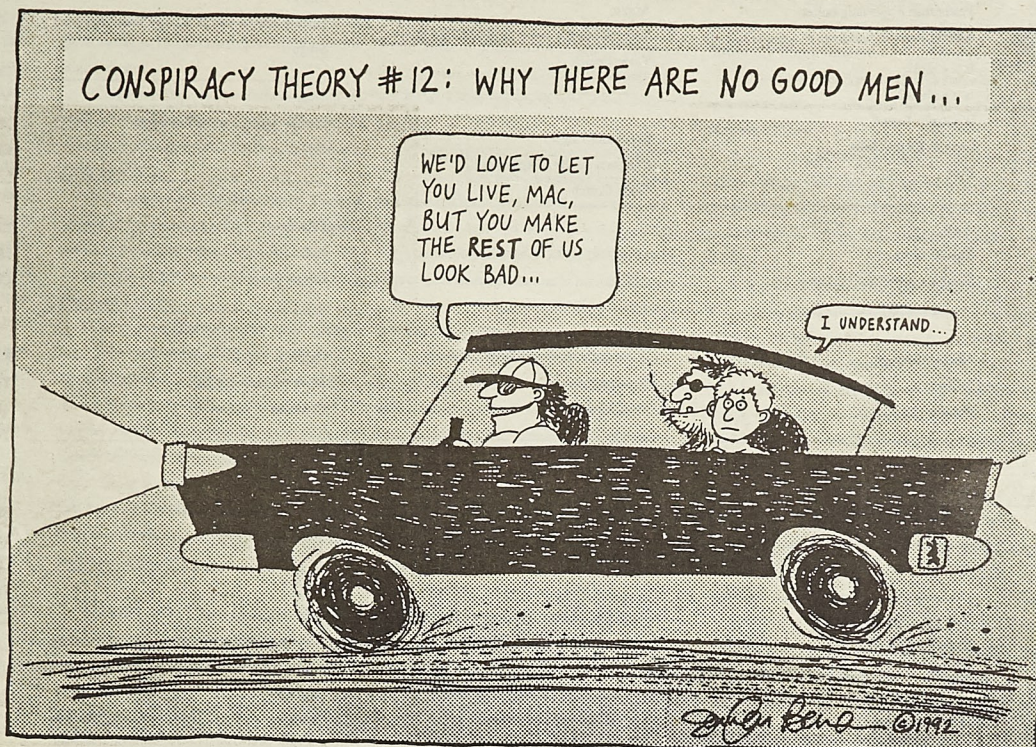


Just one sign of an impending ice age.



Excitement had run high at the first annual mime convention. Yet, within seconds, an embarrassing silence filled the auditorium.





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John Bene ©1991

Campus Gossip

Miscellaneous

Sony three way speakers.
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Kenwood stereo
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With Yamaha speakers
\$575

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Several part time positions being filled in Customer Service, Marketing, Display. Ideal for neat, professional college men and women. \$7.50-\$9.50/hr to start. Three assistant manager positions also available. Complete training if accepted. Interviewing at Drury Inn, Hwy 63 North, Rolla, MO, Tues Oct 26, 1pm, 2pm, 3pm, promptly or send resume to: Human Resources Director (CSR), Route 1 Box 118, Rolla, MO 65401

Personals

MORNING KISS

Sweet words of love
Spoken by an angel's tongue
Dipped in the early morning dew
Of the beautiful heaven above

Time Rider

Only sick people need drugs.
No Nickname

Dirk
Is that short for something?

Sheri
We have 42 extra summerfest t-shirts for you and they all say get laid on the back.
Love Bananas

KAPPA DELTA
WAY TO TAKE FIRST IN DERBY DAYS

Faster than a speeding bullet.
Able to leap tall buildings in a single bound.

Is it a bird?
Is it a plane?
It's Super Brandi
Love in Kappa Delta
Buff

Zach,
Thanks for the "A"
Sarah's Cheer-Up Committee

Michael Franklin,
3 Days!
Natalie

Bridgitte,
RHA meetings aren't the same without sitting next to you.
Nat

Sha - Sha - re - ri !

Hey TJ and Quad !
bet your ghost - o - grams
Coming at dinner!

Sheri,
You're not weird, you're just uniquely different.
PS. That's good.

Team Club,
Should have taken the offer of 9-9 while you had the chance.
Team Crutch

K.V.L. is M.V.P. of Q.V.A.

SOMMERHAUSER!!!!!! (grunt, gasp, wheeze)

Everyone in Q.V.A. and W.Q.V.A.:
Thanks for a great tournament. One of these weekends God will smile on us. Hope no one got too sick!!
Team Crutch

Z,
Know the b-day wasn't much, but hope you enjoyed it.
With much (mutual) respect,
Your distant neighbor

Quote of the week: Clothes may make the man, but they don't necessarily make the team.

Everybody Hurts ... Sometimes

Stimpy
You're a way cool lil' bro!

Angie,
Sorry about the wake up call at 7:15
Team Crutch

Kristi and Angie,
Congrats on the Championship.
Team Crutch

Everybody Cries ... Sometimes

Squirrels,
We thought you were born to lose.
What happened?
Team Crutch

Cap't Z,
You're still my hero
J-J-Joe

Waitress ... There is an eye in my soda !!!!

Sometimes you're the windshield,
Sometimes you're the bug!

KUL
Kirchoff's Volleyball Law

TANMAN,
WHERE WERE YOU?
KT

BOO!!!! Fall Fright Coed Volleyball Classic
Nov 6-7

Tony & Kevin,
You guys can still be partners-but which one of you will wear the skirt?
K&K

Yeah, You're Cool
K&K

Nat,
Thanks for all your help in those late night hours.
I could not have done it without you
Cowboy

Dizzy
Last weekend was awesome, Let's do it again sometime, soon,
Bingo

Cardinal
Kevin says "Bite Me"

Twista
We miss you at TJ.
The gang

Dizzy
Since when do you & Stimpy sleep together?
Bingo

John
Do that again, and you're dead!
?????

Paladin
Hello - - -
Bingo

Cardinal
Your the only one left.
Come on - - - snort!

Kevin
For once - you bite me!
:)

Brig
Way to go at the football game. But make sure only your boyfriend gets to touch where your flags are
Cowboy

Steve
I hope you enjoyed your goodnight kiss!

Ron
Kappa Delta -
great job on Derby Days 1993 - 1st place - let's get psyched for Greek Sing

KD Football Players,
Keep up the good work

Brandi,
Congratulations on Intramural Athlete of the week!
The Annex

Can you spell boring?
S - T - U - C - O

Congratulations Amanda
Theta Tau Omega Freshman of the Year
Love in KD
Buff

Sarah,
Congrats on getting a way cool little sister!
ZLAM
YBS

Kristi,
Welcome to the family!
ZLAM
Christy

Christy,
did you hear what you did last night?

Christy & Kim,
Y'all are way cool! Thanks for all your help!
ZLAM
Christy

Casey & Christy,
Depeche Model!
Christy

Kim, Deniz, and Kristi-
You guys are great additions to Zeta!
ZLAM
Your Pledge Class

Christi
You are the coolest big sis!
ZLAM
YLS

UMR Swim Team,
Can I bring a swimmer to the formal?

Swimmers named Jeff are awesome!

The UMR swim team is awesome!
Love
The Diver

Tam, Dawn, Tricia
You guys are the greatest family!
ZLAM
Kristen

Tara C.
I'm glad you're my Big Sis!
ZLAM
YLS

Peace out to Da Hit Squad!!!!

Booky
Da Champ
Juice
Dee-Kay
Kool-Aid
Yogurt
BobHope Poncho
Joey
"D"

Jen & Carrie
One each, who's gonna break the tie
Coach

see gossip, page 1

Aid

from page 2

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.

The Sacramento Bee, a 23,600 circulation McClatchy newspaper located in California's capital city, offers summer internships in reporting, sports, copy editing, photojournalism and infographics. The internships are full-time for 12 weeks and pay \$375 a week. Interns are responsible for their own housing. Reporting interns will do rotations in metro, business and features. Sports interns will spend time writing as well as working on the sports copy desk. Copy editing, photo and infographics interns will assume regular shifts in their departments.

Applicants must be working toward a college degree or be recent graduates.

Apply by December 1, 1993 to:

NEWS AND SPORTS REPORTERS and **COPY EDITORS** should send a cover letter, resume with three telephone references and up to 10 clips demonstrating a range of work including deadlines for copy editors. Mail materials to: Editorial Internship Director, The Sacramento Bee, P.O. Box 15779, Sacramento, CA 95852.

PHOTOGRAPHERS should send a cover letter, resume, three references and 20 to 40 slides or prints. Mail materials to:

Mark Morris, director of photography, The Sacramento Bee, P.O. Box 15779, Sacramento, CA 95852. Samples will be returned).

GRAPHIC ARTISTS should send a cover letter, resume, three telephone references and photocopies of 10 to 20 work samples. Mail materials to:

Cynthia Davis, editorial art director, The Sacramento Bee, P.O. Box 15779, CA 95852. Samples will be returned).

ETER 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:

These awards are open to any undergraduate student in the United States or Canada. The student must 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 in which the award is made. The student must be 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 DETROIT NO LATER THAN JANUARY 29, 1994.

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 Fellowship 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.

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 February 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.

WHO'S WHO AMONG STUDENTS IN AMERICAN UNIVERSITIES & COLLEGES

Applications available in Student Activities Office 113 University Center-West.

Completed applications due back in office by November 8, 1993. Looks great on a resume.

National Science Foundation 1994 NFS Graduate Research Fellowships. Graduate Fellowships, Minority Graduate Fellowships including

Women in Engineering and Computer and Information Science Awards. Three-year graduate fellowships in science, mathematics, and engineering.

Eligibility Requirements:

1. All applicants must be United States citizens or nationals, or permanent resident aliens of the United States.
2. Those eligible to apply in fall 1993 are college seniors, first year graduate students, and others who have completed a limited amount of graduate study in science, mathematics, and engineering.
3. Specific to NSF Minority Graduate Fellowships: Applicants must be members of one of the following ethnic minority groups: American Indian, Black/African American, Hispanic, Native Alaskan (Eskimo or Aleut), or Native Pacific Islander (Polynesian or Micronesian).
4. Fields Supported: Fellowships are awarded for study and research leading to master's or doctoral degrees in the mathematical, physical, biological, engineering, and behavioral and social sciences, including the history of sciences and the philosophy of science, and to research-based PhD degrees in science education.

Women in engineering and Computer and Information Science: Additional awards will be offered to encourage women to undertake graduate study in engineering and computer and information science.

Stipend and Allowances:

\$14,000 stipend, for a twelve-month tenure, and tuition waiver at U.S. institutions (or up to \$7,500 at a foreign institutions). A \$1,000 International Research Travel Allowance is also available under conditions specified in the Program Announcement.

Application Deadline: November 5, 1993.

For further details, refer to the Program Announcement, which can be obtained from your Department Chair, Graduate Dean, Financial Aid Office, or from Oak Ridge Associated Universities at the address or telephone number given below:

For information and Application Materials:

Write to:

NSF Graduate Research Fellowship Program
Oak Ridge associated Universities

P.O. Box 3010

Oak Ridge, Tennessee 37831-3010

Telephone: (615) 483-3344

Princeton, N.J. (October 1993) - College juniors, seniors and graduate students who would like to spend the summer of 1994 crafting headlines and news stories on a copy desk are invited to apply for the Dow Jones Newspaper Fund's 1994 Editing Intern Program. The application deadline is Nov. 15, 1993.

The program offers a limited number of \$1,000 scholarships to selected students, a paid summer internship at a daily newspaper or news service and two weeks of pre-internship training on a college campus. Last summer, 63 scholarship and internship winner worked for more than 50 newspapers and news services. This year the program will intensify its efforts to attract students to work with community newspapers.

Participating newspapers included the Cape Code Times, The Boston Globe, USA Today, The Washington Post, San Jose Mercury News, The Columbus Dispatch, Detroit News, Detroit Free Press, San Antonio Express-News, The Kansas City Star, Star-Tribune, The Ledger of Lakeland,

Fla. and The Wall Street Journal.

Centers for Editing Excellence, where interns received their training, operated last year at Temple University, Philadelphia; Virginia Commonwealth University, Richmond; University of Missouri, Columbia; St. Bonaventure (N.Y.) University; and San Jose State University.

Applications are available from journalism schools and departments, campus placement offices or by calling the Newspaper Fund's toll-free number, 1-800-DOWFUND. Students may also write to the Fund at P.O. Box 300, Princeton, N.J. 08543-0300 or call, 609-452-2820.

Each applicant must submit: a complete application; a 500-word essay; a resume listing all colleges attended and jobs held; and a list of college courses and grades. In addition, each applicant must complete the one-hour Controlled Editing/Writing exercise supplied by the Newspaper Fund to a professor who will act as a test monitor. The exercise must be taken and postmarked by the Nov. 15 deadline.

List of 413 designated test monitors, their colleges and phone numbers have been distributed with the applications. Students may check test dates and locations with these monitors, their placement office, journalism school or department or the Newspaper Fund.

The Dow Jones Newspaper Fund, a nonprofit organization supported by the Dow Jones Foundation and other newspaper companies, encourages young people to consider journalism careers. Its programs include the High School Journalism Workshops for Minority Students. It publishes *The Journalist's Road to Success: A Career and Scholarship Guide and Newspapers, Diversity & You*.

BARRY M. GOLDWATER SCHOLARSHIP

The Foundation will award undergraduate scholarships to outstanding students, to be known as Barry M. Goldwater Scholars, in the spring of 1994 for use during the 1994-95 academic year.

The awards will be made on the basis of merit to two groups of students: Those who will be college juniors in the 1994-95 academic year and those who will be college seniors in the 1994-95 academic year, who have outstanding potential and intend to pursue careers in mathematics, the natural sciences, and those engineering disciplines that contribute significantly to technological advances.

To be considered, a student must be nominated by his or her college or university using the official nomination materials provided to each institution. Must have a college grade-point average of at least a "B" (or the equivalent) and be in the upper fourth of his or her class.

Be a United States citizen, a resident alien, or in the case of nominee from American Samoa or the commonwealth of the Mariana Islands, a United States national. Nomination from resident aliens must include a letter of the nominee's intent to obtain U.S. citizenship.

These forms are available in the Office of the Vice Chancellor, Academic Affairs, 204 Parker Hall. The deadline for students to turn their applications into the Academic Affairs office is November 24, 1993.

see Aid page 21

Open forum on St. Pat's Celebration Committee announced



News Services
SOURCE

Student Council and the St. Pat's Celebration Committee have joined efforts to sponsor an open forum schedule for Wednesday, October 20th at 6:30 pm in ME #104.

Your members are specifically asked to attend and contribute towards our joint efforts. This open forum would offer an opportunity for your organization to become actively involved in the St. Pat's Celebration, while at the same time, help change the

direction of the celebration to better identify with all students regardless of their differences of opinion, culture or traditions.

Without your participation in this effort, what we may be able to accomplish may be minimal due to the fact that in the past, your organization has not been traditionally a part of the annual St. Pat's Celebration. It is our intent that this Open Forum will create an atmosphere to make changes and allow us to hear from "all students."

This Open Forum is not intended to focus on the standing of the committee but the celebration itself. Please take advantage of this joint effort and contribute to the cause. Join us on Wednesday, October 20th at 6:30 in ME #104 and let your voice be heard.

Phi Kappa Phi to offer 50 fellowships nationwide



News Services
SOURCE

Rolla, MO. - The University of Missouri-Rolla chapter of Phi Kappa Phi National Honor Society invites outstanding UMR seniors to apply for fellowships worth up to \$7,000 for first year graduate or professional study.

Phi Kappa Phi will award 50 fellowships nationwide and 30 additional honorable mention awards of \$1,000. The awards will be based on scholastic achievement, standardized test scores, honors and enrichment programs,

campus and community leadership activities, study and career goals, and faculty evaluations.

Graduating UMR seniors with superior academic and leadership records should contact Phi Kappa Phi representative Jerry Bayless at room 101 Engineering Research Laboratory, 341-4151, for additional information and for applications forms. The deadline to submit applications is Feb. 1, 1994.

Phi Kappa Phi, founded in 1897, has more than 250 chapters at universities and colleges throughout the nation. It is the only major national scholastic honor society that recognizes academic excellence in all disciplines.

Life

from page 5

day basis? (For those of you who don't know me, I'll clue you in: nowhere.) Like most of you, my closet contains a plethora of basically two categories of clothing: jeans and sweatshirts. Yes, the essentials of life, which in fact, leads me straight into my third excuse: why not be physically comfortable while your mind is feeling like it has just had every form of lobotomy known to the human species — and without anesthesia even!? If we have to undergo this kind of constant, uniform stress at the very pinnacle of our young adult lives, why not allow our bodies the ecstasy of loose-fitting clothes that will actually keep them

warm and shoes that do not cut off all circulation below the ankle? It seems only fair that at least one of the aspects which make up our whole being should be appeased, doesn't it?

Well, obviously I think so. Like I said, I hold a great respect for all of you out there who are actually capable of doing Physics homework while dressed up, but please understand the forces which drive those of us not so inclined. Some day in the not-so-distant future, we bums will have to break down and in fact fix our hair, but until that apocalypse arrives, I'm going to keep just one part of me happy and avoid high-heels like the plague.

Computer registration and interview sign-up make a smooth transition



News Service
SOURCE

This fall's transition to computers for registration and interview sign-up in the Career Opportunities Center has progressed smoothly according to the director, Jamie Archer. "We appreciate the wonderful cooperation by our students during this first semester using Academic Software. As we anticipated, UMR students have had little difficulty adjusting to the change even with the normal glitches of any new system."

Over 900 students have registered this semester for on-campus interviews with the Career Opportunities Center for full-time, summer and co-op positions. In addition, 700 of those resumes for full-time and summer have been forwarded this month to KiNexus, the national databank of job candidates.

There are several items students should be reminded of:

1. SignUp! should be checked daily for any alterations to the interview schedules, including additions, cancellations or modifications.

2. SignUp! on computer closes at 7:30 am the day before the schedule interview. Students may sign up after that time by checking with the Career Opportunities Center by phone or in person.

3. If a student decides NOT to sign up once the pre-screen list has been entered, please inform our office as a courtesy to fellow students on the backup list. This will allow our office time to notify those backup students that they may sign up for an interview.

4. Students need to contact the Career Center at 341-4343 if there are any last minute problems in making an interview appointment. UMR's "No-Show Policy" states that on-campus interviewing privileges will be denied to students after 2 unexcused no-shows for scheduled interviews.

If there are problems or questions, the staff at the Career Opportunities Center is ready to help.

UMR Mine Rescue Team finishes seventh overall



News Services
SOURCE

Rolla, MO. - The University of Missouri-Rolla mine rescue team, which is composed of six mining engineering students, finished seventh in UMR's 11th Annual Mine Rescue Contest held recently at UMR's Experimental Mine Research Facility.

The students are: Chris Blair (team captain) of Steelville, MO., a sophomore; Chris Upp 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's team competed against industry mine rescue teams in a simulated mine disaster situation, which was set up and judged by the Federal Mine Safety and Health Administration. The teams were rated on how well they followed basic rules and regulations in carrying out a rescue. The contest was held underground in an actual mine environment.

Team receiving trophies are:

First Place: Asarco of Bunker, MO.

Second Place: Westinghouse Waste Isolation Pilot Plant (WIPP) of Carlsbad, N.M.

Third Place: Mississippi Chemical of Carlsbad, N.M.

Fourth Place: Cominco American of Bixby, MO.

UMR Parents of the Year selected



News Services
SOURCE

Rolla, MO - Jerry and Kay Cooper of Batesville, Arkansas, have been named the 1993 Parents of the Year by the University of Missouri-Rolla Parents' Association.

The Coopers were nominated by their son, Clayton, who is a UMR junior in mechanical engineering.

The UMR Parents' Association honored the Coopers during halftime activities Saturday, October 16, at the Parents' Day football game at UMR's Jackling Field.

In the essay nominating his parents for the award, Clayton Cooper said, "If ever there were parents that deserve the love, respect and admiration of their children, it would be mine. I have often wished to repay my mother and father in some way for their commitment to me, my sister and my brother. Although this recognition would by no means be comparable to their gift to me, I hope it would be a symbol of my gratitude to them."

A UMR Student Council committee selects Parents of the Year Award recipients from applications submitted by current UMR students.

Jerry Cooper is a senior maintenance coordinator for Arkansas Power and Light ISES, in Newark, Ark. The Coopers have two other children, a daughter Leah and a son Joel.

Faculty

from page 1

only three weeks before classes started this semester. His teaching style is already making quite an impression on his students. His ability to draw and interpret phase diagrams and free energy curves at the speed of light takes a bit of getting used to.

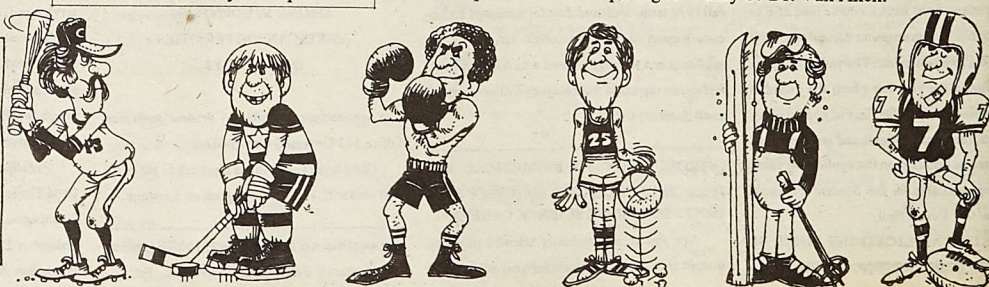
Before coming to Rolla, Dr. Van Aken taught Metallurgical Engineering at the University of Michigan Ann Arbor branch for 7 years. At UMR Dr. Van is currently teaching MET 217 which is an advanced Physical Metallurgy course normally taken by third year Metallurgical Engineering students. He is also conducting research in many other fields of Physical Metallurgy. His interests include phase transformations, properties metal matrix composites, and creep/fatigue

properties. The materials he researches include high temperature intermetallic compounds many times containing elements as esoteric and Erbium, metallic alloys cooled so rapidly that they actually form a glass, and metal matrix composites containing materials like aluminum and titanium carbide.

Outside the academic world Dr. Van Aken has many interests that are more akin to the Ozark region than to Michigan. He enjoys listening to Bluegrass Music, and even tries his hand at the Banjo occasionally. He also is involved in studying Civil War history. The next time you see a tall smiling man dressed in a coat and tie eating brats in front of McNutt Hall, it may be Dr. Van Aken.

* EXTRA INCOME '93 *

Earn \$200 - \$500 weekly mailing 1993 Travel brochures. For more information send a self addressed stamped envelope to: Travel Inc. P.O. Box 2530, Miami, FL 33261



Team Overall

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rom page 1

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academic world Dr. any interests that are Ozark region than to enjoys listening to and evens tries his o occasionally. He studying Civil War time you see a tall ed in a coat and tie t of McNutt Hall, it ken.



Gossip

from page 14

it's the hardest group on campus?

Da Hit Squad

Da Hit Squad

Da Hit Squad

Da Hit Squad

is a choice yet?

'bout that Chi 3-0 football team

ch

mon

almost caught it, but we recommend you use

hands.

ch

tes

pick & run, but the chickens are still hungry,

awn is dry, & the cupboard is bare.

ch

ana,

t go around her? Just run her over!!!

ch

z Carrie

'dat pass rush

h

O-Line is fine

h

Joe

you stopped laughing about the "thing with

air" yet?

ette

y

ik you're sexy, too!

Rm 951! Can anyone join the IHT club?

the 961 tradition of NRHH Student of the

th continue?

I died when she called me up and said 'Oh,

y, I can't stop thinkin' about you either,

!"

read Play hard to get. You know I always get

I want!

ette

a ever feel down or sad, I'll be working my

c right away.

Miracle worker.

Kevin

Never be afraid to point out the moron's stupidity

Bridgette

Sarah, Lisa, & Denise

Hang in there ! We're past mid-semester now!

Tonite we finally get our say! (Let's chew some

butt!)

Bridgette

Sarah,

I hope you weren't to lonely this weekend, being

roommate-less & all

Nat

Good idea #49

Don't wear brightly colored t-shirts underneath

pastel dress shirts

Bad idea #1

Taking Phys 24 here

Bad idea #2

Viewing bottoms

Hey former 9 Southians

Let's get together some time

Nat, Sarah, Bridgette

Congrats Natalie Dixon

on NRHH August Student of the Month

Congrats Sarah Hummel

on NRHH September Student of the Month

Rena

Congrats on scoring a goal!

LICO

Becky

Jeni

Are the pillows still doin' the job?

Love,

Your roomie

KUHNE,

I'm going to kick your Hope you're ready.

The Hooter's Girl

C with an H with an I - O with an M with an E - G

with an A whaddaya say ...

GO CHI - O FOOTBALL

3-0 YEAH TEAM!!!!!!!!!!!!

Chi-O FB Coaches,

We're 3-0!

The lawn is watered, the chickens are stuffed and

the shopping cart is full!

Now What??

Love

Your Team

Hey Chi O Coaches!

You guys are great. Keep up the good work &

we'll keep feeding those chicks

The Team

Susie

You're Grounded!

(Just Kidding)

LICO

Your roomie

Angela

I miss our long talks too! Come over anytime so

we can catch up.

Lico Chera

Lena

Haven't talked to you in a long while. How about

Imo's sometime soon!

LICO

Chera

Jen

You are the S*-\$t!!

I want to be just like you !

LICO

YLS

Chi -O FB Coaches

Keep it up! We'd be Lost without you!

Love

The Team

Busch Room & Schieb

Don't stand me up for dinner next time!

The Hooter's Girl

CHI - O LINE RULES!!!!!!

Jeni

When are we takin off for the Texas Ranchers?

Chi-O Loves

A-Chi-O,

Carrie

Craig S.

I love your blue eyes!

A Secret Admirer

Jen

I had 5 dates! You'd have noticed if you hadn't

"left" so early!

LICO

YLS

Kappa Alpha

Thanks for the great TGIF!

Chi Omega

Phi Kappa Theta,

Thanks for the cool TGIF!

Chi Omega

Lisa

Congrats!

LICO

Becky

Sonya

Congrats

LICO

Becky

Amy

Are you still embarassed?

LICO

Becky

Maja

You're a telemarketing goddess!

LICO

YBS

Sarah

Why do some people annoy me and others don't?

B

N

Saw the bare skinned wonder in class today. She

should be freezing. You'd never guess what she

wasn't wearing...

B

Bryan

44 more days till you're 21! Wow. The oldest guy

I've ever dated. (And the goofiest. But who's

making comparissons?)

Bridgette

Hey Miricle Worker

I'm looking for a miricle in my life (preferably a

waldo type volleyball player)

Hopeless

Mandi

Never fear! Some day you will outgrow a babysit-

ter!

Your friend in 969.

Demp

Let's do lunch

Brig

Tomy E

Your best friend is feeling neglected

Your best friend?

O great miricle worker

Painters are pretty cool too

Exceptionally hopeless

Lisa

Some meatloaf and wildwood is definately in

order. So get your butt over here.

Your roommate from last year

Joe S

What time does aladdin say it is?

Gang from 9S

Jeffrey Paul

Do you like your MNX scrambled or fried?

Sweet Thang

Jeff

Chop - Chop - Chop - Chop

Mark

Marty

Happy B-Day (a little late, sorry!)

C&B

Jeff

My bedtime is 10:00!

Jennifer

Clay

You should really try smiling more

Your friends in ME 153

Sheri

Must be nice to get 10 hrs of sleep.

7N

Hey isn't physics recitation with Gavin the

best!!!!!! I personally enjoy the morning help

sessions/office hours.

If a guy can't walk, needs a microphone to talk

and lectures from a chair, should he really be

teaching?

Notice

A strict NO WALLY policy has taken affect in the

south tower.

Mark

We'll teach you how to iron QUICKLY!

Jen & Sheri

Bri

2 Lousy seconds! Doesn't it make you mad!

GALBRAITH (Ray)

Sorry for 'DISSIN' you for so long. But we're

due for a steak dinner!!

We'll bring the Bacardi.

Love always,

Benson & Hedges

Sheri and Sarah

Great job at the volleyball tournament. It had to be

the Orange.

Kram

PRINCIPLES of SOUND RETIREMENT INVESTING

Monthly Expenses		Income
Rent	775	1915
Telephone	60.32	845
Gas	60	
Electricity	45.68	
Car Loan	240	
Student Loans	175	
Insurance	125	
Credit Cards	165	
Overdraft (CHK)	189	
Groceries	300	
Entertainment	100	
Clothes	50	
Medical	275	

IRONICALLY, THE TIME TO START SAVING FOR RETIREMENT IS WHEN IT LOOKS LIKE YOU CAN LEAST AFFORD IT.

Can't afford to save for retirement? The truth is, you can't afford not to. Not when you realize that your retirement can last 20 to 30 years or more. You'll want to live at least as comfortably then as you do now. And that takes planning.

By starting to save now, you can take advantage of tax-deferral and give your money time to compound and grow. Consider this: set aside just \$100 each month beginning at age 30 and you can accumulate over \$154,031* by the time you reach age 65. But wait ten years and you'll have to budget \$211 each month to reach the same goal.

Even if you're not counting the years to retirement, you can count on TIAA-CREF to help you build the future you deserve—with flexible retirement and tax-deferred annuity plans, a diverse portfolio of investment choices, and a record of personal service that spans 75 years.

Over a million people in education and research put TIAA-CREF at the top of their list for retirement planning. Why not join them?

Call today and learn how simple it is to build a secure tomorrow when you have time and TIAA-CREF working on your side.

Start planning your future. Call our Enrollment Hotline 1 800 842-2888.



75 years of ensuring the future for those who shape it.™



*Assuming an interest rate of 6.50% credited to TIAA Retirement Annuities. This rate is used solely to show the power and effect of compounding. Lower or higher rates would produce very different results. CREF certificates are distributed by TIAA-CREF Individual and Institutional Services.

Earn \$500 - \$1000 weekly stuffing envelopes. For details - RUSH \$1.00 with SASE to:

GROUP FIVE
57 Greentree Drive, Suite 307
Dover, DE 19901

week of October 24, 1993

Sun	Oct 24
Mon	3:30PM Running Programs in UNIX with chs MCS 108 Oct 25
Tue	Oct 26
Wed	3:30PM Running Programs in UNIX with chs MCS 108 Oct 27
Thu	Oct 28
Fri	Oct 29
Sat	Oct 30

THE PROFESSIONAL

HAIR CRAFTERS

1720 NORTH BISHOP ROLLA, MO 65401
TELEPHONE: 341-3800
JOY SULLIVAN OWNER/STYLIST

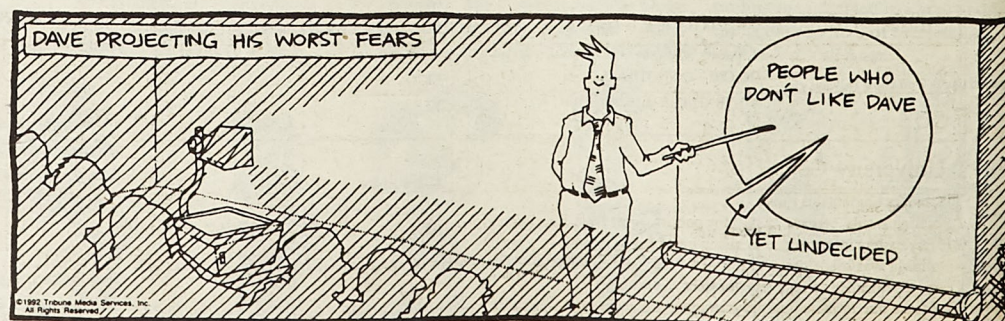
Solutions

from page 11

ELEM	MASH	AMA
MIDI	AREA	SIR
EDICT	DESTINE	
TRACER	IDEA	
OLIO	EN ARE	
TOO	NATIVE	MD
DOWN	IT MO	DEF
ES	CEMAN	USE
FACE	AG	TRAM
NO NO	ANEMIA	
OPENING	ELBON	
VAN	STEP	ELSE
ALT	MERE	SEAT

Dave

by David Miller



Voter Registration

ASUM will be sponsoring **voter registration** from 10 am to 2 pm in front of the Bookstore the following dates:

October 18, 20, 25, and 27.



If you have moved, or changed rooms, you must register again at your new address to be a lawfully registered voter.

HISTORY CLUB TRIP

WILSON CREEK BATTLEFIELD

SPRINGFIELD, MO
SATURDAY, OCTOBER 23

ALL WELCOME!!!!!!

NO COST!!!

COME VISIT THE SITE OF AN IMPORTANT EARLY BATTLE IN THE CIVIL WAR.

SIGN UP IN THE HISTORY DEPARTMENT OFFICE!!!!
(DETAILS WILL BE PROVIDED)

STUCO REFERENDUM ON STUDENT ACTIVITY FEE INCREASE FOR 94-95

This ballot is **YOUR** chance to voice **YOUR** opinions on spending **YOUR** activity fee money. Please fill in your response to the recommended fee if you agree with the requested increase. **ALL FUNDING REQUESTS ARE IN DOLLARS PER STUDENT, PER SEMESTER.** Remember, if you do not take the time now to express your opinion you might not be able to at a later date. These referendums are due back to the Student Council Office by **THURSDAY, OCTOBER 21, 1993.**

ORGANIZATION	92-93 FEE	REQUESTED FEE	PRELIMINARY RECOMMENDATION	YOUR VOTE (Y/N)	COMMENTS
ASUM	\$1.55	\$1.73	\$1.55		
Athletics	\$55.00	\$55.00	\$55.00		
Blue Key ²	No Fee	\$0.32	\$0.32		
Capital Fund	\$4.74	\$2.04	\$2.04		
Castleman Hall	\$1.50	\$0.75	\$0.75		
Cheerleaders ³	\$0.38	\$0.43	\$0.43		
Council of Grad. Students ¹	\$0.50	\$0.50	\$0.50		
Equipment Fund	\$2.00	\$2.50	\$2.00		
Golf Course	\$2.00	\$2.00	\$2.00		
KMNR	\$5.54	\$5.54	\$5.54		
Missouri Miner	\$3.30	\$3.30	\$3.30		
Non-Varsity Sports	\$2.26	\$2.76	\$2.26		
RollaMo ⁴	\$12.00	\$12.00	\$12.00		
Student Council ⁶	\$4.30	\$4.40	\$4.40		
St. Pat's Activities ⁵	\$0.80	\$1.00	\$1.00		
SUB	\$12.00	\$12.00	\$12.00		
University Center	\$18.00	\$18.90	\$18.00		

¹ Graduate Students pay only

² Funding would be used to pay for publishing of Blue Key Directory

³ Cheerleaders increase due to rising cost of programming

⁴ RollaMo was made optional for 93-94 fee. Recommendation is to make fee non-optional again. Fee is left at \$12 to cover increased publishing costs. RollaMo fee is for fall semester only.

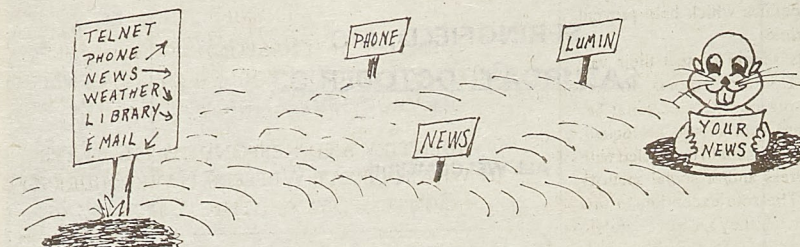
⁵ Fee raise needed to help pay for debt

⁶ Increase due to increased programming and secretarial wages

GO FOR IT with

GOPHER

GOPHER will burrow through all kinds of information to help you find whatever you are looking for!



You can get to GOPHER from any Novell attached P.C. or Mac on campus. For help or questions, contact helpdesk@umr.edu.

Computing Services

Gopher - Campus-Wide Information Services

The Internet Gopher is a distributed information storage and retrieval system which UMR Computing Services has placed into operation as a part of the campus-wide information system service.

The online information which is offered for the campus network users includes:

- . UMRINFO - campus activities and information
- . USENET - global bulletin board/news service which provides information on a wide range of topics
- . LUMIN - campus library catalog system
- . News and Weather - campus news, local and national weather
- . Phone Books - telephone and email directory

The Way to Access Information on Gopher:

On campus, you can get to Gopher from any Novell attached PC or Mac. Some Unix workstations can also read our Gopher.

Novell attached PC

- type "login guest" under the "O:\LOGIN" directory:
O:\LOGIN>login guest
- show UMRMENU automatically
- select "(2) Information Services (Gopher, etc.)"
- select the Gopher item

Print/Save file

- move mouse to select "File" on the pull-down menu or press Alt-f
- select "Save File"
- give a file name for saving or type "LPT1" for printing

Macintosh

- double click the "MAC" icon, then show MACMENU automatically
- double click the "UMR Gopher" icon, then show Gopher menu automatically
- double click the "turbo Gopher" icon
- select the Gopher item

Print/Save file

- move mouse to select "File" on the pull-down menu
- select "Print" or "Save as text"

Unix

- login userid and password
- type "gopher"
- select the Gopher item; the help menu is shown on the bottom

Print/Save file

- after reading the article, print or save file command is shown on the bottom

You can get more detail information about the Gopher from M/CS 114 or from online Gopher network. Questions, comments or problems should be directed to helpdesk@umr.edu. Inquiries regarding how you might make your information available should be directed to gopher@umr.edu.

- * If you already login guest and quit from UMRMENU, then you can use this following command connected Gopher:
O:HOME\USERS>gopher
- ** You can use arrow and return keys or click the mouse twice to select the item.

WANT ACCESS TO THE OPERATING SYSTEM OF THE NEXT GENERATION?

UNIX for EVERYONE!

Now available to all students.

To obtain an account go to MCS 114, present Student I. D., ask for a saucer account, and become a part of the "IN CROWD"

*** Features NOW Available: ***

E-Mail Service
Gopher Access
NetNews Access

And many more to be added!

Documentation and Help Desk Available

DON'T BE LEFT BEHIND !!
(THIS IS AN EXPERIMENTAL SYSTEM!!)

THE UFO HAS LANDED!

Student Access to the Unix Complex for Entry and Retrieval (a.k.a. saucer, and saucer.cc.umn.edu) has arrived on campus. This saucer system is contained in the Computing Services operations complex and is now available for experimental use by students. If you want a userid and password to try out this system for yourself, bring your student ID card to Room 114 Math-Computer Science Building. Remember, this system is experimental at this stage and in continuing to undergo progressive changes. More about this system follows, read on...

WHAT IS IT?

Saucer is an HP 9000 Model 755 running HP/UX unix operating system. Currently, electronic mail (elm), Usenet NetNews (tin), and Gopher Information (gopher) are the primary supported services offered to users of the system. General purpose access to saucer is being given to any enrolled UMR student who requests it in our office (MCS-114) with a valid student ID card.

Saucer is intended for interactive entry and retrieval of information. It is not intended to be used for compute intensive applications. Other unix servers are available (by application) for numerically intensive computing. Don't forget, saucer is still considered to be experimental. We realize that software will need changes and additions to meet the needs of the general user. However, at this point, we are testing the functionality of a limited set of services. It is not clear how much of a load this system will be able to carry. Changes to the configuration, additional resources, and other unknown factors still to be determined will no doubt cause occasional interruptions to the use of the system.

FUTURE PLANS FOR SAUCER

For the past three or four years, every enrolled student at UMR has had access to the UMRVMA (IBM mainframe) system. The IBM mainframe systems have served the campus well over the years, but new technology appears to offer potentially more functionality and power for less overall cost. We are hoping that saucer, or something similar, will eventually replace UMRVMA for general computing access for students. This will not happen immediately, but over the next year or so.

Changing

from one type of technology to another, less familiar one always causes some amount of chaos. We all have to keep reminding ourselves that during the transition we need to exercise our tolerance for the unknown, the unexpected, and the temporarily impossible. Computing Services appreciates all the constructive comments we receive from users of our new, experimental facilities. It helps us improve the system for everyone. Send your suggestions and usage questions to helpdesk@umr.edu. A Usenet NetNews group, umr.users.group.saucer, has been created for users of the system to share information with each other.

Saucer will continue to expand its usefulness. To begin with, we are offering basic information and communication services (elm, tin, gopher) which are widely used on campus and off. Other support and software services to be added will be considered and assigned priority based upon their "academic" justification (classroom and research), and the number of users who will benefit.

Services that are being researched and tested for future release include:

- o Electronic mail directory for students
- o Batch processing to support instructional computing assignments
- o ???

INFORMATION RESOURCES FOR YOU

You can send email questions to: helpdesk@umr.edu

We have reference sheets with command summaries of the most used unix commands. Available in our office (MCS-114).

Use the man pages for online help.

Read the login messages of the day.

Read Usenet news group umr.users.group.saucer.

Look for information under gopher.

- o UNIX software info can be found under Departments/Computing Services/Unix Software
- o Computing Services handouts are online under Departments/Computing Services/Document Depot

Crime rates up at college campuses across the country



News Services
SOURCE

Recent FBI statistics indicate nearly 2,000 murders, rapes, robberies and aggravated assaults occur on American college campuses in a single year. As many as one in three U.S. undergraduates will be a victim of crime during their college career, according to the Center for the Study and Prevention of Campus Violence (CSPCV), at Towson State College, in Maryland. Additional information provided by the CSPCV indicates nearly 80 percent of campus crime are acquainted with their aggressor; and most of the crimes committed on campus are fueled by alcohol and drugs.

A "Newsweek on Campus" poll found that almost half of today's college students worry about crime on or around their school. Moreover, one-quarter of all college women admitted they had been the victim of rape or attempted rape.

Until recently, most campus crime was handled internally by college security, rather than by local or state police, or the F.B.I. Fortunately, this has now changed. In July 1992, the Campus Sexual Assault Victims' Bill of Rights became law, giving students the right to report sexual assaults to off-campus law enforcement authorities. Such reports may help apprehend

perpetrators more quickly and lower the number of crimes committed.

Also, the new law requires that institutions of higher learning establish crime education programs, as well as notify students of crime prevention counseling available to them.

In addition, a provision of the Federal Crime Awareness and Campus Security Act of 1990, which took effect last September, requires schools receiving Federal financial assistance to make public statistics on campus crime over the last three years. This notification encompasses murders, rapes, robberies and assaults, as well as the number of arrests for alcohol, drug and weapons possession. Furthermore, academic institutions are required to provide information about their campus security program to any and all interested parties, information particularly useful to prospective students and their parents, when making decisions about which school to attend.

Beyond this, a clarification of the Buckley Privacy Amendment gives victims of campus violence easier access to the past criminal records of student perpetrators.

Despite recent changes in how campus crime is dealt with, it is critical that students and faculty work together actively to help prevent it. Knowledge is a powerful tool; and learning how to prevent crime should be part of everyone's college curriculum. ADT Security Systems, the world's leading supplier of electronics

security systems and services, has prepared guidelines which help prevent campus crime:

Students should protect their valuables. Dormitory rooms, lockers and other places where personal belongings are kept should be locked. All possessions should be labeled with name, address and/or social security number. The sole exception to this rule is keys. (If they are lost or stolen, it is important that a name and/or address not appear.)

Students should remember not to display cash openly or brag about valuables. It is also important they be discreet when using telephone credit cards; that is, they should not tell others their number or repeat loudly in public.

Communication is important. Campus authorities should be notified about broken lights, overgrown shrubbery near walkways, telephone or smoke alarms that don't work, and doors with broken locks. Also, students must remember not to prop open locked doors in residence halls, classrooms, libraries and other campus buildings, which could give access to unauthorized individuals.

ADT Security Systems, Inc. is a subsidiary of ADT Limited. ADT is number one in the world in electronic security protection and vehicle auctions, providing security equipment and services to more than 800,000 residences and businesses worldwide. For additional information, contact Catherine Barto Meyer at (212) 463-3171.

GM sponsors key programs at UMR



News Services
SOURCE

ROLLA, Missouri — General Motors announced today that it is committing \$350,000 over a five-year period (1993-1997) to fund key programs at the University of Missouri-Rolla's (UMR) Engineering School.

"Based on UMR's tradition of academic excellence and the outstanding credentials of its faculty, General Motors is proud to announce this new partnership," said Rodney O'Neill,

director of Manufacturing Operations for GM's Automotive Component Group (ACG).

Mr. O'Neill presented a GM Foundation check to UMR officials at a ceremony attended by GM executives from Detroit as well as members of the UMR Corporate Development Council.

The Corporate Development Council is an association of 64 major industrial concerns which have traditionally recruited at, and provides significant financial support to, the University of Missouri-Rolla.

"Among the many activities which GM's \$350,000 contribution will fund

are increased scholarship opportunities for minorities and women. In addition, a number of high-tech, automotive-related research projects will be underwritten by the grant," noted the ACG executive.

Over the years, the University of Missouri-Rolla has partnered with GM on a number of projects and is among a select group of educational facilities from which GM recruits.

"As business conditions within the auto industry improve, we're optimistic that the scholarship components of the grant can assist our company in the identification of future candidates for employment at GM," added O'Neill.

THE ELIE WIESEL PRIZE IN ETHICS 1994 ESSAY CONTEST

THEMES:

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

ELIGIBILITY: Senior Undergraduates DEADLINE: Jan. 14, 1994

No more than three (3) essays from the same college, university or campus will be considered in any one contest year. *Essays must be submitted by a college or university on behalf of its students.*

FIRST PRIZE: \$5,000 SECOND PRIZE: \$2,500

THIRD PRIZE: \$1,500

TWO HONORABLE MENTIONS: \$500 each

For entry forms and further information, please write to:

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

Mary Kirgan receives Award



Jason Hansen

Mary Ellen Kirgan was honored as the outstanding graduate teaching assistant for 1993



News Services
SOURCE

Rolla, MO. - Mary Ellen Kirgan of St. James, MO., has received the 1993 Outstanding Graduate Teaching Assistant Award from the Uni-

versity of Missouri-Rolla Parents' Association. She received \$500 and a certificate of appreciation.

Kirgan, who is working toward a master's degree in mathematics and statistics from UMR, is a graduate teaching assistant for that department last academic year.

She was selected for the award based on student evaluations done at the close of the academic year. Kirgan and her husband Bill, live in St.

AID

Society for the Advancement of Material and Process Engineering (SAMPLE) offers Undergraduate Scholarship. These awards are for recognition of past and present college scholastic and technical achievement and future potential. Consideration also is given to specific courses of study, academic awards and honors received, work experience, campus, and community activities, and a written dissertation demonstrating the student's knowledge in processing and materials

technology as related to the applicants field of study.

REQUIREMENTS:

- This award is restricted to those pursuing a BS in engineering in an institution accredited by EAC/ABET or CEAB.

- The applicant must be a full-time student in one of the accredited EAC or CEAB programs listed for the attended institution with at least one semester of grades in the program by February 1, 1994.

- The applicant must be recommended by his or her department head.

- The applicant must have a 3.30 minimum cumulative grade point average based on 4.0.

- High school and seniors are not eligible. 1994 Awards: 1st Place: - \$5,000; 2nd Place: - \$2,500; up to 25: - \$1,000.

Application Deadline post marked not later than February 1, 1994.

American Society of Heating, Refrigerating

and Air-Conditioning Engineers, INC.

ASHRAE offers two grant-in-aid programs: one for graduate students and one for students in the final two years of undergraduate study. It is awarded once each year for use in the following academic year.

Applicants for either program should be involved in the heating, ventilation, air conditioning or refrigeration (HVAC/R) fields or in related areas. These may include indoor air quality, energy conservation, human comfort or HVAC

System design, operation or maintenance.

Applications must be received by December 15, 1993, to be considered. Applicants will be notified of the results of the competitive evaluation by April 1, 1994. Funds will be available to the grant recipients shortly after July 1.

Your faculty advisor also will need to submit an application form containing some information. (Information will be with the application which can be picked up at the Student Financial Aid Office, G-1 Parker Hall).

from page 15

AIM HIGH



YOUR SCIENCE OR ENGINEERING DEGREE GETS A TECHNOLOGICAL EDGE WITH AIR FORCE ROTC.

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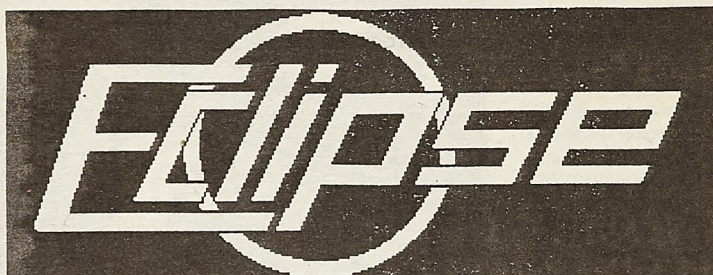
- **Student Loans** - Our rates are attractive and repayment doesn't begin until you finish or leave school.
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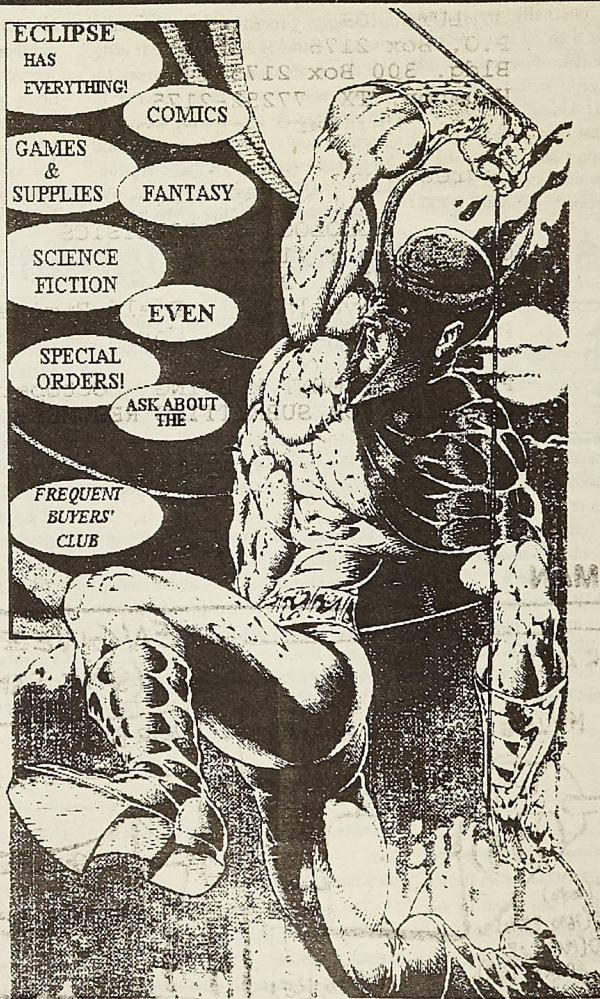
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Co-Op

Company: Hussmann Corporation

Date of Interview: 10/28

Majors: MECH ELEC

Minimum GPA: 2.800

Remarks: Sign-up posted. Must be at least sophomore standing.

Remarks: Sign-ups posted: Wednesday, October 20, 1993

Work location: St. Louis, Missouri (Bridgeton)

Will consider seniors who can work 2 co-op work terms

Prefer Sophomore or junior status

Positions are spring/summer (spring only is ok, but NO summer only)

Method: Open

Full-Time Employment

SCHLUMBERGER WELL SERVICES

P.O. Box 2175

Bldg. 300 Box 2175

Houston, TX 77252-2175

Attn: Ms. Mary Ontiveros

Method: PRSCREEN

Date of Interview: 11/17

Degree Level: BS & MS

Majors: ELEC ENGR, MECH ENGR, PETR ENGR, PHYSICS,
GEOLOGY & GEOPHYSICS

Grad Dates : 12/93

Minimum GPA: 2.850

Position Available: Field Engineer

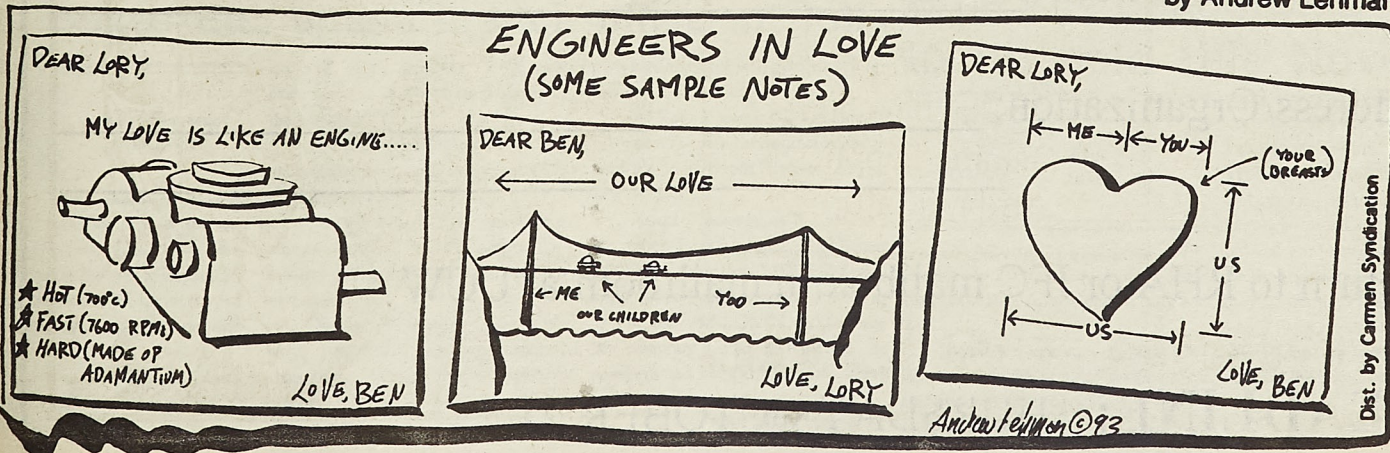
Position Location: North America

PRE-RECRUITMENT MEETING - October 16 - 7:00 p.m. - Mark Twain
DEADLINE FOR SUBMITTING RESUMES: November 1

DEADLINE FOR SUBMITTING RESUMES: November 1

LEHMAN

by Andrew Lehman



ALCOHOL JEOPARDY

WEDNESDAY, OCTOBER 27
6:30 P.M. - CENTENNIAL HALL

*Sponsored by Residence Halls Association, Interfraternity Council, and
Panhellenic*

- Participate in I.M.P.A.C.T. month by testing your knowledge about alcohol awareness
- Competition with teams of two
- Prizes will be awarded
- Categories such as Legal, Social, Sexual, Physical, Emotional
- Please fill out registration and return to RHA or IFC mailbox in University Center West by Thursday October 21

For more information, contact

Darren Walters.....364-2314

Michael Zimmerman...341-8981

Rebecca Light.....341-3560

Alcohol Jeopardy Registration

Names (2 per team): _____
Phone # _____

Address/Organization: _____

Return to RHA or IFC mailbox in mailroom at UCW

DEADLINE: THURSDAY OCTOBER 21

