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The Missouri Miner, October 13, 1993

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Missouri Miner



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

October 13, 1993

Volume 83, Number 8

Twenty Four pages

Telephone registration policy adopted



Dawn Sharp
Staff Writer

Beginning with the October pre-registration for the 1994 Winter term, UMR will provide students with on-line registration access to the Student Information System (SIS). With the new registration system, students will be able to choose the open section of a course that best fits their scheduling needs, rather than being sectioned by the University computer. A Touch Tone/Voice Response (TT/VR) system will provide on-line access to registration from any touch tone telephone, regardless of the location. The TT/VR system will be available from 7 a.m. until 8:30 p.m. during the week and from 7 a.m. to 5:30 p.m. on Saturdays.

Advising is a UMR requirement for degree-seeking students. A term password, available from your academic adviser, will be required when accessing the TT/VR system. The term password is unique to each term and for each student and ensures that

the student has met with his/her academic adviser prior to scheduling classes. When you call TT/VR system it will ask you for your password, which is given by your adviser, then it will ask you for your personal identification number (PIN) which you will decide for yourself. The password and the PIN will give the student added security to their records.

The Thursday before advisory week, the student will need to pick up their schedule of classes and their biographical data sheet. This sheet will include your address and personal data. It will also include your appointment date. You must then make an appointment to meet with your advisor before that date to get your password.

If all sections of a course are closed, students are encouraged to register for an alternate course approved by the adviser. New with the TT/VR system, students will be able to place their name on a wait list for space in a course, if wait listing is approved by the teaching department. Wait listed students have no assurance of eventual registration in a course, so it should be used as a last resort. Wait lists will allow the University to realize that you want that class and when an opening appears the student will be

notified by mail from the Registrar's Office. Wait lists will be provided to the faculty along with classrolls on the first day of class. This will allow professors to realize the demand of the class. Students on wait lists must attend the first class meeting and submit a normal add slip to the Registrar's Office, if access is approved by the instructor. Students cannot wait list a section of a course and register in a different section of the same course.

Students that delay registration until January will have the lowest ranking on the wait lists!

When students do not pay their tuition fees, their classes will be given to the students on the wait list. The wait list will be maintained all the way up to the first day of class.

Dr. Parry, registrar, stated that he felt the wait list was "bodily important to make this work. It will make the student become more organized."

If a student wishes to add or drop a course, it will be handled in the same matter as they are today with add/drop slips from the registrar's office.

Pass/fail classes must be registered by the old system, through the registrar's office.

see Phone, page 15

The St. Pat's Board : old legends die hard



Greg Kuntz
Staff Writer

Ever since the St. Pat's Board had its official recognition as a campus organization withdrawn and was subsequently placed as a committee under the jurisdiction of Student Council, there has been a significant amount of opposition from members of the UMR student body. Previously, the St. Pat's Board was an officially recognized campus organization which operated independently of Student Council or any other governing body. Then, after a series of investigations by University Police, it was determined that the St. Pat's Board had violated certain University sanctions and regulations.

This prompted the Judicial Affairs office to withdraw the recognition of the St. Pat's Board as an official UMR organization.

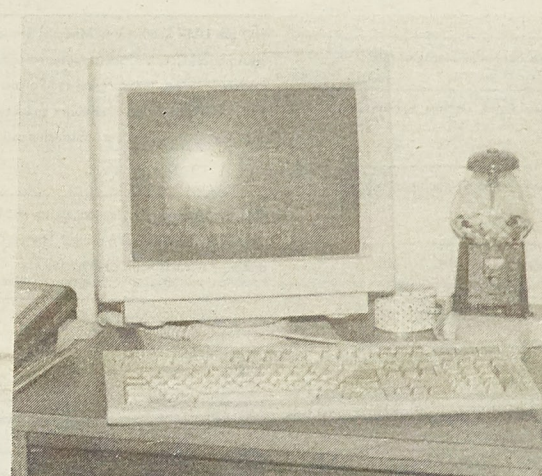
At this point, the administration, headed by Chancellor John Park, laid out three options on how to deal with the St. Pat's celebration. One option was to drop the celebration altogether. The second option was to drop the St. Pat's celebration for a period of time. Finally, the third option was to continue with the celebration, but to place the St. Pat's Committee under the jurisdiction of Student Council.

The last of these options was the one chosen by the UMR administration for a number of reasons. The main reason being that the administration felt that they should structure the celebration as a student activity run by the UMR students. Therefore, they decided to have the Student Council oversee the committee and the cele-

bration. The reason why all these past decisions have come under scrutiny recently is the result of a survey of UMR students that was compiled by the Student Council. In this survey, when asked whether they preferred the St. Pat's Committee in Student Council or as an independent organization, 64 percent of the students opted to have the St. Pat's Board operate independently of Student Council. When asked if the UMR administration would consider the removal of St. Pat's from Student Council, Wendell Ogrosky, the Vice Chancellor of Student Affairs, responded that this is NOT under consideration, and that presently the St. Pat's celebration is "moving in the right direction." Ogrosky proceeded in stating that the St. Pat's Board previously was "a failure because people on the Board didn't

see Board, page 18

Computer theft still a major problem at UMR



Doug Sobory

Computers all over campus are being vandalized and parts stolen at the students expense.



Ian Rozdilsky
Staff Writer

Do you depend on the computer systems across UMR to get your work done? Would you be annoyed if an important project was due the next day and someone just stole all of the mouse balls for a joke? I personally have enough trouble with the computers when they are working properly. Lately, there has been a rash of computer vandalism across campus. In fact, only two weekends ago the memory bank and chip was stolen out of a computer in one of the learning centers. Crime like this only hurts students who need to use the system to complete their work, and may eventually cause computer centers to limit the hours that they are open.

Computers are being vandalized by thieves who unscrew the casings and take out valuable computer

components such as disk drives and memory chips. These crimes are difficult to stop because the small components that are stolen can be easily hidden in a backpack. The computer centers across campus have been taking extra precautions. Most computers are now permanently attached to their workstations, and many computer cases are now being attached together in other more permanent ways. Another deterrent that may be used to prevent crime is video cameras in the computer labs. Anyone who thinks that they can get away with stealing computer components may learn the hard way through the UMR police.

It is an outrage that the computer centers our tuition helps to pay for are being vandalized. These crimes can cause nothing but harm to those students who depend on computer centers throughout the year. It is important for all students to keep an eye out when they are working in the computer centers to prevent further crimes. Otherwise, the next time you want to save your 50 page term paper, the disk drive may be missing!

What's Up at UMR

Wednesday

Mid-grade sheets sent to departments

11:00 am American Nuclear Society High School Visit, Meramec Room

2:30 pm STUCO Lawyer, Walnut

4:00 pm "Diabetes Mellitus and the Bioartificial Pancreas", Chemical Engineering Graduate Seminar, R. L. Fournier, 125 Shrenk

5:00 pm UMR men's soccer, University of Missouri-St. Louis, UMR Soccer complex

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

5:30 pm Intramural Managers Mtg.

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

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

6:00 pm Blue Key Mtg., 216 ME

6:00 pm Eta Kappa Nu Mtg., 103 EE

6:30pm, AIAA Mtg., 104 ME

6:30pm Student Council Legal Services, Walnut

7:00 pm "Creating Professionalism," Amy Rugeri, Meramec Room

7:00 pm Time Management, G-8 TJ Hall-AEC

7:00 pm Associated General Contractors Mtg., 114 CE

7:00 pm "Study Skills," G-8 TJHA

7:00 pm Alpha Chi Sigma Mtg., G-3 Shrenk

7:00 pm UMR Student Union presents "The Tempest," performed by the National Shakespeare Company, Leach Theatre, Castleman Hall. Admission to UMR students is free. Public seating as available the night of the show at \$3 per person. For more information call 341-4220.

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

7:30pm UMR women's soccer, University of Missouri-St. Louis, UMR soccer complex.

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

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

7:30pm Society of Mining Engineers Mtg., 201 McNutt

8:00 pm Starfleet Mtg., Meramec

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

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

Thursday

11:30am "State-of-the-Art Technologies for Hazardous Wastes," Purush Terkonda, Civil Engineering Graduate Seminar Series, 114 CE

12:30 pm Newman Scripture

2:30 pm STUCO Lawyer, Walnut

3:15pm "Fibrous Monolithic Ceramics," Ceramic Engineering Seminar with John Halloran, 204 McNutt

3:15 pm UMR Southcentral Missouri Section of the American Chemical Society sponsors seminar, Patricia Callahan, "From Nylon and Polycarbonates to Kevlar and Polyetherimides and Beyond," G-3 Schrenk Hall, for more information call 341-4950

4:00 pm "April Fools: Newton, Halley and Flammsteed in Swift's Satirical Writing," Physics Colloquium, Pamela Gossin, 104 Physics

4:30 pm Keramos Mtg., 212 McNutt

4:45pm Toastmasters Mtg., Missouri

6:00 pm Alpha Phi Omega Mtg., Mark Twain

6:00 pm Intercollegiate Knights Mtg., 204 McNutt

6:00 pm Pi Tau Sigma Mtg., 216 ME

6:30 pm Hanggliding Club Mtg., 105 ME

6:30pm IFC Rush Chaimmen Mtg., Silver & Gold

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

7:00 pm Soc. of Hispanic Professional Engineers Mtg., 212 McNutt

7:00 pm ASCE EIT Review Session, 117 CE

7:00 pm Alpha Phi Alpha Informational Seminar, Missouri

7:00 pm IEEE Mtg., 204 McNutt

7:00 pm Independents Mtg., 117 CE

7:30 pm Lutheran Student Center Bible Study

8:00 pm St. Pat's Committee Mtg., 107C ME Annex

10:00 pm Table Tennis practice, Miner Recreation

Friday

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

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

5:00 pm UMR Student Council sponsors IM-PACT Month Volleyball Marathon. Quadrangle volleyball court. For more information contact Dave Blythe at 364-5854 or Brandu Lear at 341-9232

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

7:00 pm Alpha Chi Sigma Mtg., 126 Chem. Eng.

7:00 pm SUB MOVIE: Vertigo, ME 104

9:00 pm SUB MOVIE: The Trouble with Harry, ME 104

Saturday

MID-SEMESTER

PARENTS DAY AT UMR

9:00 - 10:30 am Parents Day registration. Lobby, Leach Theatre, Castleman Hall

9:00 am - Noon Academic departments open

9:00 - 10:00 am Visitation with Deans & Representatives from Freshman Engineering & Freshman Arts & Sciences

Lobby, Leach Theatre, Castleman Hall

9:00 - 10:00 am Music programs

9:00 - 5:00 pm FLOOD RELIEF CAN DRIVE. Bring all your aluminum cans to Heilig-Meyers at the Old Wal-Mart parking lot. Proceeds to American Red Cross. Sponsored by: Lifestyles Real State, for more information call: 341-8100

10:00 am Chancellor remarks, Leach Theatre, Castleman Hall

10:15 am UMR Parent's Association annual Meeting, Leach Theatre, Castleman Hall

10:45 am Ground breaking for Recreation and Intramural Center, West of Gale Bullman Multi-Purpose Building.

Noon Gaming Association gaming, 139 Chem.

Noon UMR men's soccer, West Texas A&M University, UMR soccer complex

1:30 pm UMR Miner football, Northwest Missouri State University, Jackling Field.

5:00 pm UMR Student Council sponsors IM-PACT Month Volleyball Marathon. Quadrangle volleyball court.

7:00 pm SUB MOVIE: Vertigo, ME 104

8:00 pm SUB: Pianist Kathleen Ryan, Leach Theatre

9:00 pm SUB MOVIE: The Trouble with Harry, ME 104

8:00 pm KUMR and Ferrigno Winery Dinner/Concert Series, at Ferrigno Winery, located on B Highway north of St. James. Janet and friends will perform music of Mozart, Beethoven, and Bolling. Tickets, \$8 for KUMR members and \$9 for non-members, are available by reservation only. For more information or to make reservations call 265-7742 or 265-8050.

Sunday

2:00 pm UMR Orchestra, Leach Theatre, Castleman Hall. The orchestra is free and open to the public. For more information call 341-4185

5:00 pm UMR Student Council sponsors IM-PACT Month Volleyball Marathon. Quadrangle volleyball court.

Monday

12:00 pm University Orators Chapter of Toastmasters International, Missouri Room UCE. For more info call Linda Bramel at 341-4117.

4:30 pm Sigma Tau Delta Mtg., H-SS

6:00 pm Gaming Association Mtg., 105 ME

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

7:00 pm Amnesty International Mtg., 202 Library

7:30 pm Alcoholics Anonymous Mtg., Walnut

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

Tuesday

3:30 pm "Making Error-Detecting Algorithms More Efficient", Fikret Ercal, Computer Science Graduate Seminar. 209/209A Math-Computer Science

3:30 pm Engineering Management Teleconference, "Teaching Students Hands-On Engineering," G-11 Library. Please register to attend by calling Krista Forness at 341-4990

3:30 pm Geological Engineering Seminar, Jim Hummert, "Automated Data Acquisition of Ge

see Aid, page 16

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

Faculty Respond to Homosexual Debate

Jeff Lacovich, Editor in Chief
Missouri Miner
Rolla, MO

Dear Editor:

As faculty members of the University of Missouri-Rolla we wish to express our alarm at the increasing levels of ignorance, fear, and hatred toward homosexuals on the UMR campus. These conditions led to the cancellation of a University sanctioned social activity for gay and lesbian students last August 27, in order to avoid confrontation, and possible violence, between gay students and a cadre of students who were protesting the event. The protesters' stated reason for opposing the gay social function was that student activities money was inappropriately expended for this activity. Whether this is true or not, one suspects, based on published

interviews in the local newspaper, that the protesting students were driven to their actions less by a concern for fiscal responsibility than by an intolerance for anyone leading a different lifestyle.

We are disturbed that for the past several years there has been a continuing diatribe against homosexuals in the form of letters, columns, and crude cartoons in the campus newspaper. The polemics have gone largely unanswered. A point now apparently has been reached when extremists feel that they can use "strong arm" tactics to force their opinions on the rest of the university community. If the present conditions are not diffused it seems likely that violence to homosexuals or suspected homosexuals will follow.

A university should be a place where diversity is not only tolerated but expected and encouraged. It is a place where a multitude of cultures and lifestyles should coexist without fear of molestation by others. Additionally, the freedom of an individual to maintain a lifestyle that may differ from the majority is protected by the traditions upon which this republic was founded.

We therefore encourage students to treat all people with respect, regardless of their race, religion, or personal lifestyle. We call on the campus newspaper to exercise journalistic responsibility when inflammatory and degrading articles and cartoons are submitted. We ask that the newspaper strive for reasonable and balanced coverage. Finally we encourage the campus community to maintain open dialogue between diverse groups in order to foster a climate of tolerance and understanding that should be maintained at a great University.

Signed by

Jay M. Gregg	Chris Ramsay	Paula Lutz
Larry Vonalt	Richard Hall	James Bogan
Jack Morgan	Leo Soisson	Richard Boyart
Larry Gragg	J. Scott Sauls	Juana Sanchez
Linda Manning	David Hentzel	Carol Ann Smith
Gregg Keller	Elizabeth Cummins	
Catherine Riordan	Cary L. McConnell	

EDITORIAL

Last week green went on sale at the Puck. This marks the beginning of a longstanding tradition here at UMR, the St. Patrick's Day Celebration. For 86 years Rolla's student body paid homage to the patrons of Engineering through events such as the snake invasion, Gonzo & Games, coronation, knighting ceremonies and a parade. The recent tragedies that have surrounded the celebration have placed certain structural restrictions on the celebration while forcing the community to re-examine the focus of the celebration.

Student body input and participation is invaluable to the survival of the celebration and we need your student input to tell the committee what you want. What you think of the celebration? How can it be improved? How do you become a part of the tradition?

To obtain this, UMR Student Council and the St. Pat's Celebration Committee are holding an OPEN FORUM on Wednesday, October 20, 1993 at 6:30 pm in ME #104. We need your input and we need you there.

Ben Stelenpohl, President
Student Council

Darren Peeler, Chairman
St. Pat's Celebration Committee

Editor
Missouri Miner
UMR
Rolla, MO 65401

Dear Sir:

The Opinions column of the Sept. 29 Miner contains an anti-homosexual item with two sentences that caught my attention: "At the same time there are those who want to 'gay-bash.' That is their prerogative."

In fact, there is no more prerogative for heterosexuals to bash gays than there is for whites to bash African-Americans, for Christians to bash Jews, for the Iranian government to bash Bahais, etc. etc. Verbal and physical abuse against unoffending individuals is cowardly and reprehensible.

It has no place on the UMR campus.

Yours truly,

Gerald Cohen
Professor of German and
Russian, UMR

Letters Editor
Miner Student Newspaper
103 A Norwood Hall
Rolla, MO 65401

Dear Editor:

On Missouri's colleges campuses, it's not just the teachers who will be holding classes. From October 17 through 23, all students at UMR will be encouraging each other to make intelligent choices about drinking during National Collegiate Alcohol Awareness Week (NCAAW).

During the NCAAW's tenth anniversary, students will be teaching themselves and each other creative ways to help prevent alcohol abuse. They will spread the word about personal responsibility for those students over 21 who choose to drink; and encourage students below the legal drinking age to respect the law.

The young people on American's college campuses, through their participation in NCAAW and other alcohol and awareness programs, have helped reduce the incidence of illegal underage drinking. In 1991, the percentage of college freshmen who said they have a frequent or occasional beer reached its lowest level since 1970, according to research from the University of California-Los Angeles.

Many of us at Mullally Distributing have kids in college, and are concerned about the decision they will make there, about peer pressure, about the overall environment they will encounter. For these reasons, and because no company benefits when its products are misused, Mullally Distributing supports NCAAW, and encourages parents, campus officials and students themselves to get involved.

Sincerely,

John Herman
Alcohol Awareness Coordinator
Mullally Distributing Company
Cuba, MO

Crime ravages American college campuses



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 Townson 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 appre-

hend 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.

Campus-wide curriculum changes to go into effect



John Kilpatrick's
Staff Writer

The engineering school is in for some changes in curriculum as a part of the University of Missouri system. The State has mandated changes that it views as necessary to make the students of the University of Missouri competitive on the world market and more culturally aware in today's multicultural world. Most of the changes here are centered around foreign culture and communication require-

ments. The changes are university wide in several major areas including communication skills; computer and information technologies; foreign language and culture; mathematical, symbolic and logical reasoning; humanities and fine arts; and synthesis and integration. Each Campus had to form a committee on how to implement this plan. The Committee at UMR was formed in mid-September and consisted of Dr. Stanik, Chairman; Dr. Ralph Alexander; Dr. Robert Loudin; Dr. Robert Medrow; Dr. Joseph Miner; Dr. Lance Williams, who was replaced later by Dr. Harry Ismen; and Scott Palmtas, Student Representative. Also invited but not part

of the committee Dr. Tsoulfanidis and Dr. Jerry Bayless.

"The rules of the game will not change in the fifth inning," according to Dr. Stanik. The requirements will not change leaving classes that people have taken worthless. There will not be sweeping changes, for the most part, and it will take some time for the individual programs and departments to get the changes approved by the University. Some classes might change in a student's senior year that will be offered to those graduating in a few years instead of the ones in the current program. The changes are geared toward a more rounded, competitive student in the world market.

Are you interested in politics? Try ASUM.



Ian Rosdilsky
Staff Writer

If you think your voice in government can not be heard, join ASUM and find out the truth. ASUM is an active student organization in all branches of the University of Missouri system that fights for the rights of students. ASUM plays two main roles: to represent and advocate the interests of Missouri students, and to serve as a training ground for students who wish hands on experience in politics and government.

ASUM plans a wide variety of events to provide something for everyone's interest. Throughout the school year ASUM invites students to have lunch with legislators. Past guests have included: Jim Pauley, chief legal counsel to Governor Ashcroft, and Paul Jobe, director of the Missouri Society of Engineers. ASUM also holds voter registration drives, and mock elections to make sure that the students' voices get heard.

ASUM is currently accepting applications for Legislative Assistants. Legislative Assistants receive six hours of Political Science credit for becoming an active lobbyist in Jefferson City. There is no better way to

learn about your government than to jump right in on the ground floor. More information is available from the ASUM office on the second floor of UC West.

If the students of the universities across the country do not let their interests be known, higher education may take a back seat to other pressing problems that our nation faces. It is of critical importance that students stay aware politically because many other special interest groups are constantly lobbying for their wants which may leave higher education in the dark. If you want to be involved and make a difference in our government, join ASUM and let your voice be heard.

Homecoming Queen and her royal court selected



News Services
SOURCE

Rolla, Mo. — Rakiyah Mason of St. Louis, a senior in mechanical engineering at the University of Missouri-Rolla, has been chosen UMR's 1993 Homecoming Queen.

Members of the queen's court are: first runner-up, Sandy Junge of St. Louis, a senior in mechanical engineering; second runner-up, T.J. Davenport of Weston, Mo., a senior in civil engineering; a third runner-up, Janice Struckoff of August, Mo., a senior in mechanical engineering.

The queen and members of her court were chosen from among 27 candidates after interviews and a campus-wide election. The winners were announced Saturday, Oct. 2, during halftime ceremonies of the homecoming football game between the UMR Miners and SBU.

Mason was nominated by the Association of Black Students. She is a member of Pi Tau Sigma Mechanical

Engineering Honor Society, Tau Beta Pi National Engineering Honor Society, the Mechanical Engineering Honors Program and the National Society of Black Engineers.

Junge has served as pledge trainer and house manager for Chi Omega Sorority and as president of the UMR Transfer Student Association. She has been active in UMR TECHS Peer Counseling, Tau Beta Pi Engineering Honor Society, Phi Kappa Phi Honor Society, the UMR student chapter of the Society of Women Engineers and student radio station KMNK.

Davenport currently serves as president of Chi Omega. She has served as secretary and treasurer of Panhellenic Council and is active in Air Force ROTC and the Arnold Air Society. She is a member of Lambda Sigma Pi and the Greek Judicial Board and is active in intramurals.

Struckoff has served as treasurer and house manager of Zeta Tau Alpha Sorority. She is a member of Phi Eta Sigma, Tau Beta Pi, Pi Tau Sigma and the UMR student chapter of the American Society of Mechanical Engineers.



UMR student earns Superalloys scholarship



News Services
Source

Kristi Anne Heinemann, a student at the University of Missouri-Rolla, has been chosen by The Minerals, Metals & Materials Society (TMS) and the Organizing Committee of the International Symposium on Superalloys to receive the 1993 TMS/International Symposium on Superalloys Scholarship. The award is presented to an undergraduate or graduate student who shows outstanding potential in the field of metallurgy/materials science.

Ms. Heinemann is currently studying metallurgical engineering

and plans on receiving her degree in May 1994. She has held positions of chapter-President, First Vice-President, and Treasurer with the TMS/ASM Student Chapter at the University of Missouri-Rolla, and was named an ASM Scholar in 1992.

Ms. Heinemann will receive her award during TMS/ASM Materials Week '93 in Pittsburgh, Pennsylvania, October 17-21, 1993.

For more information about this award, please contact: Joanne Melder, Manager of Member Services, The Minerals, Metals & Materials Society (TMS) 420 Commonwealth Drive, Warrendale, PA 15086, U.S.A. Telephone: (412) 776-9011. Fax: (412) 776-3770.

Features

Laurie Wilman

The Life and Times...

Today, we here at the Miner bring you a public service announcement: MID-TERMIS SATURDAY! Yes, all of you out there in newspaperland, as of October 16th, we will be officially one-half of the way through with the Fall, 1993 semester. Thank goodness, right? I mean, we're well settled into our classes now, everyone generally knows what's going on, and we've come to see routine as a good thing, right?

Wrong! The missing, yet key factor here is (gee, can we guess?)... STRESS! (Can you say "stress," boys and girls? I knew that you could.) In fact, for most of us around here, that itty-bitty, teeny-weeny, six-letter word is the sole ruling factor in our lives. It prevails over our sleeping, our eating, our studying, and even our socializing. (Maybe it's just me, but I find it exceptionally difficult to unwind and relieve a little anxiety when contemplating the exact numerical damage that the Calc test I took today did to my g.p.a. and where I'm going to lay down my cardboard box and newspapers when I become a newly initiated member of the unemployed.) We can't quite put our finger on it, but somewhere we are very sure that stress here at

UMR has an entirely different definition than it would anywhere else in the state (or the country or the hemisphere or the planet or...

But, never fear. Not only is today's column a public service, it is also a lesson in self-affirmation. I figure we all could use a little esteem-boost right about now, so put away your mechanical pencil, take a deep breath, and repeat after me:

I am smart. I possess intelligence. Math grades do not, in any way, shape, or form, imply how good of a person I am (even if they do imply how I will be occupied from now until the age of sixty-five or so.)

I do want to be an engineer, computer scientist, physicist, English teacher. It will give my life meaning. It will give me a job (cross my fingers) and an income. I will enjoy my work. I will be a key member of the community. I will be in the headlines for winning a Nobel Prize. And a Pulitzer. And a gold medal. And the lottery.

Someday, I will look back on all of this here in Rolla (stress included), realize that it was for the best and

see Life, page 18

Join ASUM and voice Rolla's needs



ASUM
SOURCE

The Associated Students of the University of Missouri is the student run and organized group that lobbies the Missouri State legislature on behalf of the students in the University of Missouri system. It is your vice in student government, and has been responsible for changes that have directed Rolla students directly. I recently spoke with Diane Kelly, the Legislative Intern Director for ASUM:

How would you describe your job, and what are your responsibilities?

My job is to coordinate the lobbying agenda for the Associated Students of the University of Missouri. In addition to my job as director of the interns from the Columbia campus, I coordinate the activities of the interns from the Kansas City and Rolla campuses.

What do you look for in a legislative intern?

ASUM looks for someone with good written and spoken communication skills. An intern must have leadership skills as well as initiative. This is not only for Political Science majors. Interns will lobby for a specific bill, learning about it and the political process behind its passage from inception to passage. It's a great way to learn and develop these skills while helping students at the University.

What bills have been successfully lobbied for in the past by ASUM?

The most important would be getting a student representative on the University Board of Curators. A bill was passed recently that allowed for easier registration by students, as well as the popular bill introducing the "Bright Flight" scholarship.

What bills will ASUM be lobbying for in the 1994 legislative session?

ASUM has set its main priorities on the following bills:

1. A bill to lower the qualifying age of

jurors from 21 to 18. This would enable a fair jury trial of someone who is below the age of 21 and above the age of 18.

2. Allowing the student curator to attend closed board meetings.

3. Establishing a video lottery with the majority of the money earmarked for higher education.

4. Lastly, we will be initiating more scholarship support and try to increase the amount of engineering funds that Rolla receives.

Over the years, Rolla students have felt that the Columbia campus "gets all the glory" in Missouri. How can Rolla students, working through ASUM, change that?

Becoming a legislative intern is a great way to show what an important part of the university system Rolla is. Your representatives would allow a voice at the state level that would specifically address Rolla's needs and problems. By having a voice, it could be a great way to have these needs recognized and voiced.

St. Pat's open forum

Last week green went on sale at the Puck. This marks the beginning of a longstanding tradition here at UMR, the St. Patrick's Day Celebration. For 86 years Rolla's student body paid homage to the patrons of Engineering through events such as the snake invasion, Gonzo & Games, coronation, knighting ceremonies and a parade. The recent tragedies that have surrounded the celebration have placed certain structural restrictions on the celebration while forcing

the community to re-examine the focus of the celebration.

Student body input and participation is invaluable to the survival of the celebration and we need your student input to tell the committee what you want. What you think of the celebration? How can it be improved? How do you become a part of the tradition?



To obtain this, UMR Student Council and the St. Pat's Celebration Committee are holding an OPEN FORUM on Wednesday, October 20, 1993 at 6:30 p.m. in ME #104. We need your input and we need you there.

SUBConscious: The Tempest is in town

Friends, Romans, countrymen (and Miners), lend me your ears. The National Shakespeare Company comes tonight (Wed.) to perform the master work of the world's most famous playwright. "The Tempest" is one of Billy Shakespeare's best dramas. Tickets may or may not still be available as I am writing this article a week ago. (Five bucks to anyone who can handle the grammar on that one.) You can pick your ticket up at the SUB office until 4:30. After that, you'll have to get them at the door. Bring your student I.D. The show begins at 7pm.

Mark your calendars now! Kathleen Ryan performs in Leach Theater at Castleman Hall Saturday night at 8pm. Who is Kathleen Ryan, you ask? Well, I'm getting to that. Kathleen is a pianist and composer. WAIT! Don't put the paper down! She doesn't just play boring ole classical music (not to put down anyone who listens to it); she has a wide range of styles, ranging from Brahms to the blues. You'll enjoy her as much for her charm and intimacy as for her joyously energetic music. Also, this is a great way to

impress that girl you've been after. In other words, great date material. Pick up your ticket at the SUB office. Yeah, you'll need the I.D. thing for this too.

Here's something you won't have to grab tickets in advance for. His name's Paul Gilmarten. He tells jokes. Funny jokes. That's right, we got more comedy for you! Paul has taken a break from his international tour in order to do a show here in Rolla. What a guy! Let me tell ya, you don't wanna miss this one. The laughs begin at 8pm next Tuesday, Oct. 19 in the UCE Cafeteria.

This weekend is Alfred Hitchcock night at the movies in ME104. Hitchcock's classics "Vertigo" and "Trouble With Harry" are awaiting you at 7 & 9pm Friday and Saturday. Speaking of movies, let me tell you about the cool guys who make sure you get the best in film entertainment each and every weekend. The Films & Video Committee is led by Pretty Boy Ron Rhoades, who, by the way, turns 21 today. Let's see if he can still read this tomorrow.

F & V is pretty much self-explanatory. They choose the movies for

the upcoming semester, and work up the publicity to let everyone know what they are. They work hard to make sure there is a variety so that everyone can enjoy the movies. As you can see from this semester so far, they do a really awesome job. But there's only one way to make sure you get the movies you want. Wanna know how? You could join and help pick 'em (you knew that was coming, didn't you?). They give away lots of free stuff too - movie posters and the like. If you join SUB and do lots of great things, we may even give the Committee Member of the Month Award to you. And just to prove we're not kidding, we're gonna do one right now.

The Student Union Board congratulates Steven Wever for his outstanding work on the Fine Arts Committee. Steve worked hard publicizing "Hot, Sexy, and Safer" and has been suckered into being our Stuco rep (bless his heart). Honorable mention goes to Michelle Nowak of the Leisure & Recreation Committee and Todd Rastorfer of Variety Entertainment. Congratulations and thanks to all of them!

St. Pat's update



Tom Huffman
Staff Writer

The University of Missouri-Rolla St. Pat's Celebration Committee is now selling the 1994 St. Pat's "Green" on the UMR campus. In case you haven't noticed, the price is still the same as last year's, only \$17 for medium through extra large, and \$18 for the double extra large sweatshirts. They are sold Monday through Friday from 8:30 a.m. to 3:30 p.m. at the puck, north of the University Center West. In the near future be on the lookout for the latest St. Pat's merchandise, in-

cluding shot glasses, mugs, huggers, and other exciting items.

A belated note of thanks to the Interfraternity Council for coming out for the 18th annual Green vs. Gray football classic on October 1. The competition was appreciated, and the St. Pat's Committee is looking forward to next year's match up.

Speaking of the St. Pat's Committee, an open forum will be held on Wednesday, October 20th, at 6:30 p.m. in M.E. 104. Anyone interested in joining the organization responsible for putting on the famed St. Pat's Celebration is invited to attend.

So go get your green, UMR, there are only 156 Daze till the Best Ever!

Attention all student organizations

The following student organizations have not turned in their organization forms to Linda Martin yet. If you turned in your forms after noon on Thursday, October 7, disregard this notice.

Acacia (need risk & recognition compliance)
Alpha Nu Sigma (need recognition compliance)
Alpha Kappa Alpha (need risk & recognition compliance)
American Society for Quality Control
American Ceramic Society (need officer)
Amnesty International
Association of Black Students (need risk & recognition compliance)
Association for Computing Machinery (need officer)
Association of United States Army

Chess Club
Chi Omega (need risk & recognition compliance)
Cycling Club
Delta Sigma Theta
Economics Club (need risk & recognition compliance)
French Club
Goldminers
Honors Association
India Association
Institute of Transportation Engineers
Institute of Packaging Professionals
Juggling Club (need officer)
Kappa Alpha (need risk & recognition compliance)
Kappa Alpha Psi (need risk & recognition compliance)
Kemet
Keramos
Korean Students Association (need risk & recognition compliance)

Malaysian Students Organization
Mathematical Association of America
Omega Chi Epsilon
Omega Psi Phi
Pakistan Students Association
Phi Kappa Phi
Phi Alpha Theta
Pi Epsilon Tau
Raiders
Rock Climbing Club
Show Me Anime
Sigma Pi Sigma
Sigma Phi Epsilon (need officer)
Sigma Gamma Epsilon
Society of Physics Students
Society of Manufacturing Engineers
Society of Plastics Engineers
Society of Automotive Engineers
Society of Exploration Geophysicists
Spelunkers Club (need risk & officer)
Table Tennis Club
Voices of Inspiration

Captain Goatee's weekly review



Captain Goatee
Staff Writer

This week: Girls, Girls, Girls part II

Hello fellow goat fans, and welcome to another session of the weekly review. A few weeks ago I reviewed a bunch of girl groups. This week I give you four more. Reviews this week include country rocker Melissa Etheridge's great new release Yes I Am and performance artist Meryn Cadell's latest, Bombazine. Plus, solo releases by the Sugarcubes' Bjork and 'Til Tuesday's Aimee Mann.

Album Review

Melissa Etheridge
Yes I Am
Island (1993)
9 goatees

Well, Melissa Etheridge has finally put together a great album again. After her debut, Etheridge had many accolades heaped upon her. They were certainly due, but in her album since then, the feel wasn't just the same. It's been a while, but Etheridge has finally fulfilled those initial expectations with Yes I Am.

I got the chance to see Etheridge this summer under the Arch at St. Louis' V.P. Fair. She put on a great show and introduced a few of these tunes. I was surprised that I remembered a few songs upon first listen of the new album. Or at least I assume

I did. Yes I Am is an instantly accessible album. So accessible in fact, that one picks up a song's chorus before your first listen is through. The writing on the album is solid.

The performance is solid also. Acoustic guitar, bluesy percussion, and classic, country rock, electric guitar are fitted perfectly to Etheridge's gravelly voice. What she lacks in vocal quality, Etheridge makes up with a great range of expression. The title track, "Yes I Am", explores her entire range from subdued pleas to elevated wails. There is a life born in every song simply through Etheridge's lyrical touches.

Some of my favorites from the album include the impassioned opener "I'm the Only One", the U2-esque "Silent Legacy", and "Resist". Yes I Am is an album to be reckoned with. Etheridge has assembled a collection of songs which flow from ballad ("Talking to my Angel") to straight out rocker ("All American Girl") without missing a beat. It's a must for Etheridge fans and a good bet for the rest of the world.

Album Review

Bjork
Debut
Elektra (1993)
7 goatees

The Sugarcubes' quirky lead singer, Bjork, has decided to make a solo album. Fans of the Sugarcubes have probably already sized this album up for themselves. The Sugarcubes were always weird. If you've seen the video for "Regina", you know what I

mean. Repeated images of crabs and planes are not exactly your typical MTV fare, and Bjork is no different on the weird end.

The current video for "Human Behavior" features Bjork with shiny drops under her eyes and a guy in a costume that looks either like a huge teddy bear or a huge rat. I can't decide what the thing is, but Ratman has a habit of chasing her around. As if the big furry Ratman weren't strange enough, Bjork has a Icelandic accent and likes to create obscure melodies. It's amazing that she makes it to TV when grunge is still the "big thing."

So what is Bjork like solo? Well, she's dancy in a way. It really depends what makes you dance. Most of the music is synthesizer based with various strings, horns, and harps added in the mix. Some songs are loopy and dreamy. Both "One Day" and "Venus As a Boy" flow and roll and tumble like an auditory boat ride. "Come to Me" is a slow love song over a house beat, and other songs such as "There's More to Life Than This" and "Big-time Sensuality" are strictly dance grooves.

Done by someone like Taylor Dane or Madonna, "Big-time Sensuality" would be an easy top-40 hit. But Bjork is different. To start, she has the weird accent. And she also sings with a bit more life than your standard pop singer. She stutters, grunts, and lets her voice slide from octave to octave with a sense of harmony that the U.S. isn't used to. Her uniqueness will either turn you off or draw you in.

"Human Behavior" uses her skewed sense of music to great effect, but Bjork's rendition of the classic jazz tune "Like Someone in Love" is jarring. The song is set with only Bjork's voice and a harp. It's a nice setting for the song, but it only presents Bjork's voice as weak and wandering. When she is clothed by exotic rhythms and sounds, Bjork sounds eclectic and fascinating. Stripped of those wrappings, "Like Someone in Love" just doesn't work.

But, with the exception of "Like Someone in Love" and the final track, Debut is a nice album. For all of her vocal oddities, Bjork's voice will slowly grow on you. The dance tracks are smooth songs rather than techno beat exercises and the album doesn't fall into what some feel is a "thump thump" hell. Debut is both odd and engrossing. Whether or not you like this album will depend on your opinion of Bjork. So, if you like Bjork's voice from her Sugarcubes days or from the "Human Behavior" single, go and check out Debut.

Album Review

Meryn Cadell
Bombazine
Sire/Reprise (1993)
6 goatees

I waited for Meryn Cadell's new album with drool down my cheek. Her first album, Angel Food For Thought, was one of those special albums which seemed to cut across the normal boundaries

of popular music by being bold enough to give us performance art. The short prose and poetry bits such as "The Sweater", "Flight Attendant", and "I've Been Re-deemed" were upbeat, original, and genuinely funny. They were backed with digitized sound effects that created a three dimensional soundscape. In addition to the spoken word, there were solemn songs such as "I say" which were touching and emotional. I couldn't wait for another album of more humor and depth.

Well, Bombazine is not another Angel Food For Thought. Cadell has focused on more songs and, for the most part, left the performance art behind. It's a sophomore slump in the classic form. Instead of staying with what made her first album special, Cadell has traded that specialness in for a collection of mostly weak material.

For the songs, Cadell collaborated with many Canadian musicians of fame (including k.d. lang collaborator Ben Mink on two songs), but it didn't really help. The songs don't gel. They range from trippy chants to country lounge songs, but the ranging styles seem to only be facades rather than complete bodies. The music base really isn't there.

"Abelyne", co-written by Ben Mink, is a slow song with an Irish feel to it much like an Enya song with strutting strings rather than a bank of 15 synthesizers. It's one of the really good songs on the album. Mink's

Wednesday, October 13, 1993

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Asst. S

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MEN'S DIVISIO

1. Pi Kappa Alp
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3. Sigma Phi Ep
4. Sigma Nu 49
5. Lambda Chi
6. Kappa Sigma
7. T-N 442.5
8. Kappa Alpha
9. Tau Kappa Ep
10. OHA 367.5
11. BSU 352.5
12. Sigma Pi 33
13. Sigma Chi 3
14. Squad 311
15. Sigma Tau G
16. AFOTC 28
17. ABS 280
18. Theta Xi 276
19. TEC 265
20. Thai 259
21. Delta Tau Del
22. Triangle 244
23. Alpha Phi Alp
24. CCF 230
25. GDI 213

Sports

Miners stifled in 28-3 loss to Pitt. State

Joe Hornburg
Asst. Sports Editor

On Saturday, Oct. 9 the Miner football team was in Pittsburg, Kansas to take on the Pitt. State Gorillas. The kick-off time was 7:00 p.m. and UMR had a cool, breezy night for football.

Pitt. State won the toss and chose to defer the choice until the second half. UMR recieved the opening kick-off and David Wells had a 25 yard return to the Miner 38 yard line.

This would be the only UMR drive to end up in points on the day. The drive went 50 yards with most of them on the ground. Runs by Ernest Brown and Mike Wise along with a personal foul on Pitt. State moved the Miners to the Pitt. State 25 and they had 1st and 10. The UMR offense stalled at the Gorilla 18 and Eivind Listerud put the ball through the uprights from 35 yards away to give the Miners an early 3-0 lead.

The UMR lead did not last long. After being held by tough Miner de-

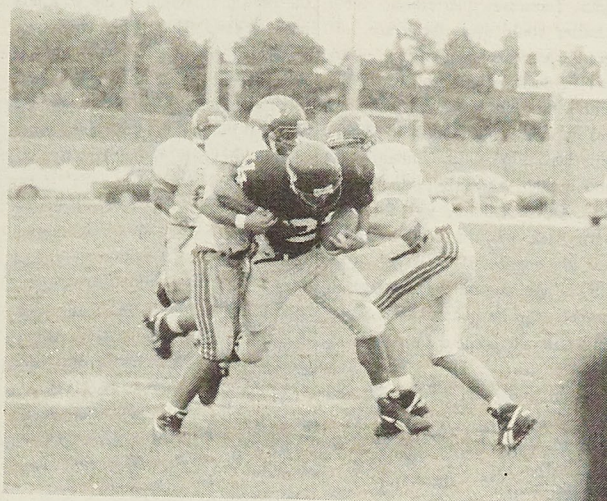
fense on their first possession Pitt. State did not take long on their next turn with the football. With 11:05 left

in the first quarter the Gorillas had 1st and 10 from there own 21 yard line. On the first play running back Joey Tobin went up the middle and just kept going. He stopped 79 yards later with the first Pitt. State touchdown.

Pitt. State scored another touchdown in the first quarter and one in the second to give them a 21-3 halftime lead. The Miners only had one fumble on the day, but it led to the third Gorilla score.

UMR came out fired up at the start of the second half. The Miner defense stopped Pitt. State on four plays and got the offense some good field position at the UMR 40 yard line with 13:24 left in the 3rd quarter.

The Miners got rolling on the ground with runs by quarterback Wise and fullback Jason Illum. UMR also recieved help from Gorilla mistakes. Two penalties moved the ball deeper into Pitt. State territory.



D. Sobery

Miner ballcarrier fighting off tacklers for the extra yardage.

Then a 21 yard gain by Wise gave UMR a first and goal at the 5 yard line. The Miners couldn't get the ball in the endzone though. On 3rd down Wise

was intercepted and the scoring hopes ended. The final score ended up 28-3 in favor of Pitt. State, and the Miners took one on the chin for their second MIAA loss.

The loss dropped the Miners to 3-2 overall and 2-2 in the MIAA. Pitt. State raised their record to 3-2 overall and 3-1 in the MIAA.

UMR's offense had trouble moving the ball both through the air and on the ground. The Miners gained only 182 total yards on the day with 114 of those coming on the ground. The leading rushers for UMR were Mike Wise with 40 yards on 14 carries and Jason Illum with 6 carries for 28 yards. On the receiving side wide out Chris Dawson had 3 receptions for 50 yards.

The UMR defense played hard, but couldn't stop the Pitt. State running game. The Gorillas gained 306 yards on the ground and another 61 through the air. Strong defensive efforts were put in by Matt Schwent, Cary Lange, and Darin Nix.

A couple of key statistics where the Miners were hurting were third down conversions and yards per play. UMR was 3 for 17 on third down conversions and averaged just under 3 yards a play. The UMR offense will need to improve these numbers if they want to be successful against Northwest Missouri in the next MIAA game.

The next Miner game is here on Oct. 16 at 1:30 in the afternoon. This weekend is also Parents Weekend so grab your parents and take them to see the Miners do battle with Northwest Missouri in tough MIAA action.

This week's Intramural update

Intramurals Source

Here are the overall intramural points for the following sports: softball, racquetball, and golf.

MEN'S DIVISION

1. Pi Kappa Alpha 547
2. Phi Kappa Theta 545
3. Sigma Phi Epsilon 535.5
4. Sigma Nu 494
5. Lambda Chi Alpha 470
6. Kappa Sigma 461.5
7. TJ-N 442.5
8. Kappa Alpha 434
9. Tau Kappa Epsilon 399
10. QHA 367.5
11. BSU 352.5
12. Sigma Pi 331
13. Sigma Chi 327.5
14. Squad 311
15. Sigma Tau Gamma 304.5
16. AFROTC 282
17. ABS 280
18. Theta Xi 276
19. TEC 265
20. Thai 259
21. Delta Tau Delta 245
22. Triangle 244.5
23. Alpha Phi Alpha 241
24. CCF 230
25. GDI 213

26. AEPI 201
27. CSA 177
28. Beta Sigma Psi 165
29. Pi Kappa Phi 145
30. TJ-S 118.5
31. SHPE 96
32. Acacia 84
33. ASCE 63
34. M-Club 49.5
35. LSC 45

WOMEN'S DIVISION

1. Zeta Tau Alpha 150
2. Chi Omega 116
3. QHA 115.5
4. BSU 110
5. TJ-N 103
6. Kappa Delta 100
7. M-Club 25.5

SWIMMING RESULTS (TEAM POINTS)

1. Sigma Nu 63
2. Tau Kappa Epsilon 37
3. Phi Kappa Theta 28
4. Sigma Phi Epsilon 19
5. Sigma Chi 19
6. Lambda Chi Alpha 16
7. Thai 16
8. Sigma Pi 14
9. QHA 7
10. TJ-N 7
11. TSA 4

12. Pi Kappa Alpha 3

SOFTBALL UPDATE - DIVISION 1 CHAMPIONSHIPS

Phi Kaps 14 Pikes 3 (Phi Kaps - Winkelman (2 - 2 3B) Kremer (2 - 2 2B) Engeman (2 - 2) Landwehr (2 - 2) Sig Ep 15 Sig Nu 7 - (Sig Ep - 10 run 3rd Inning)

DIVISION 1

1. Phi Kaps
2. Pikes
3. Sig Ep
4. Sig Nu

DIVISION 2

1. TEC
2. KA
3. Sig Tau
4. A Phi A

ATHLETE OF THE WEEK - Jerome

Ware - ABS

TEAM OF THE WEEK - Phi Kaps Softball

NEXT IMA MEETING - OCTOBER 20 5:30

CROSS COUNTRY ENTRIES DUE OCTOBER 18 5:00 IN THE INTRAMURAL OFFICE

NEXT ARTICLE - IM TOTAL POINTS WITH SWIMMING RESULTS & PROFILE

Jordan retires

Aaron Boyll
Staff Writer

When I heard of Jordan's retirement, I got the same sinking feeling I'm sure most sports fans did. Not only will we lose his talents in the years to come, the game will lose a figure that has come to define grace, skill and determination in the NBA. Jordan's departure cannot be compared to losing Bird or Magic. Those two legends entered in a different era and left when the game and their bodies decided it was time. Jordan's decision was his and his alone. No fault can be given to a man in charge of his own destiny. Throughout his career, Jordan has displayed a class and judgment rarely matched by people on pedestals as high as his. Yes, the gambling is a blemish, but looking past that it is easy to see the kind of man Jordan is. Far be it from anyone to accuse him of leaving "when he has so much left to give". He has given

more to the NBA and the game in his nine years than any other player in history. His accomplishments will likely never be matched, especially in the short time he spent in the NBA.

Jordan will not miss the media and, in fact, the attention paid to him and lack of attention paid to class are a big reason for Jordan's announcement last Wednesday. Michael will definitely feel some relief in years to come if he sticks to his decision. However, I feel the void left by not competing and succeeding on the court will be too great for Jordan to fill with family and golf. Unlike the Friday night faithful at UMR, Jordan can't show up to the local gym and get a decent challenge in a pick-up game. He'll be back in a year or two.

If, however, Jordan does retire for good, be thankful you were fortunate enough to witness the entire career of such a dominating and awe-inspiring sportsman. There will never be another Michael Jordan.

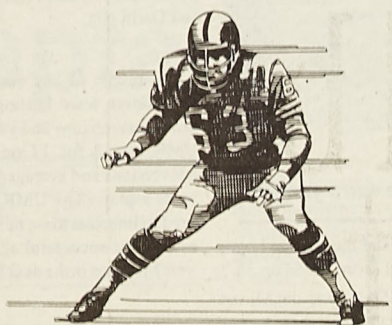
Handicapping the Heisman

Bill Broyles
Staff Writer

When this year's college football season began, it appeared that the Heisman Trophy would have Marshal Faulk's name on it. Now, as we roll into October, Faulk might not even be invited to the Downtown Athletic Club for the Trophy presentation. It's not that Faulk has played poorly. It's because he is looney and is trying to compete with the Monster numbers he has put up in the past. Also, Heisman voters like to vote for players from national powerhouses, which San Diego State is not. This is evident by the announcement of last year's winner, an undeserving, Gino Torretta.

In light of this, I will try to short-

list the probable Heisman candidates. If the season ended today, Florida State quarterback Charlie Ward would be the winner. He's led the Seminole's high octane offense to the number one ranking. If Florida State goes undefeated, he'll win hands down. If he slides, Tennessee quarterback Heath Schuller could steal the prize. If Schuller leaves school early and enters the NFL draft, he will probably be the number one pick. The best running back hopeful is not Faulk, but Michigan's Tyrone Wheatley. Other candidates include Alabama's Mr. Everything, David Palmer, and Syracuse quarterback, Marvin Graves. However, don't write off Faulk yet. If he finishes the season by putting up numbers like he has in the past, he could still take home the big prize.



Violence on the rise in athletics

Travis Dunnington
Staff Writer

Violence is on the rise in both professional and collegiate football and I, for one, couldn't be happier. Just a few weeks ago fans witnessed numerous brawls between competing college football rivals. Heads were stepped on, helmets were swung in fury, and coaches performed professional wrestling moves on one another. A few weeks before that, in the NFL, a player was tackled so viciously after catching a pass, that his helmet was sent flying off of his head. In the topper, a Miami Dolphin player had strode onto the field in Buffalo with one finger on each hand rose in salute of the Buffalo fans whom he had earlier referred to as less than human. Entertainment had seemed to reach a pinnacle and everything was right in the world.

What followed, though was sickening to true fans of both football and pure, unadulterated, mind numbing violence. The players involved in the college fracas were severely reprimanded and threatened with suspension upon a repeat of this violation.

The grappling coaches were both suspended and ordered to refrain from assaulting future opposing coaches. The NFL player, Chuck Cecil, who delivered the hit to knock the receiver's helmet off was fined \$30,000 by the NFL for his malicious tackle. And finally, the player who flipped off the Bills fans in Buffalo was fined \$5,000 for each raised finger.

Football is a sport dominated by power, speed, and intimidation. Image conscious bigwigs in charge of making the rules and dishing out the penalties for the NCAA and the NFL have either never played football or have lost touch with the spirit of the game. Players are taught from a very early age to inflict bodily damage on every tackle and block. In order to maintain a psychological advantage over the opposition, players often "talk trash" throughout the game. In many cases the combination of physical as well as verbal abuse leads to the two teams losing control at some point and breaking the rules. Although violations of the rules should be dealt with, the punishment should be handed out during the game. Football has been played pretty much the same

way since its inception. The current kick to cut down on violence in the NFL is a thinly veiled attempt at marketing the country's most popular league to even more people. However the league has been the country's favorite for a long time. If the legislators of football cannot remember how the game used to be played maybe a quick history lesson is in order.

Some of the greatest football players of all time were also some of the nastiest. Mike Ditka, as a tight end for the Chicago bears, used to knock people silly with some of his blocks. Dick Butkus, playing linebacker for the Bears in the 1960's, used to deliver some of the most vicious forearm in the league. Jack Tatum regularly knocked opponents unconscious from his safety position, once even paralyzing a receiver. These players were not chided for their style of play, they were revered. Butkus and Ditka were even inducted in to the Pro Football Hall of Fame. Just imagine the uproar if the league was to have fined Hall of Fame linebacker Jack Lambert for delivering one of his bone crunching hits on an opposing ball carrier to preserve a stellar victory.

As far as the players being fined for negatively influencing the game or its fans by sideline brawls or obscene hand gestures, maybe we ought to fine football's leaders for negatively influencing the game with their greed and fan indifference. What's worse for youngster's, seeing an obscene gesture or being forced to pay obscene ticket prices? Do you think that kids are influenced any more negatively by football players fighting on the sidelines than by imbecile pro-wrestlers and pyromaniac teenage cartoon duos?

The football head-honchos need to wake up and realize that football is all about violence and aggression and that to curb any of this would like making the Rolla college experience enjoyable. As far as I am concerned the people who run football need to stop worrying about how they should market football to America and start worrying about those of us who are already fans. I speak for most when I say that if I do not witness pain and injury I will cease watching the NFL and turn completely to the National Hockey League where violence is not only tolerated but is encouraged.

Water Polo team crushes competition

Water Polo
Source

UMR's Water Polo team hosted the final tournament of the year this past weekend. They took no prisoners as UMR's 'A' team went undefeated and UMR's 'B' team beat Vanderbilt's 'B' team and lost close games to SIU and Vanderbilt's 'A' team.

In the first game, UMR's 'A' team played Vanderbilt's 'B' team. Paul 'The Water Polo God' Baundendistel put UMR on the scoreboard in 25 second and UMR never looked back. UMR came out with a bang and stomped Vanderbilt 'B' team 17-3. Kurt Steinmann, along with Baundendistel ended up with 5 goals, Ryan 'The Rocket' Hahn and Robert Hagan scored two goals a piece, while Keith Thompson, Brian Schrameyer, Doug Cordier and Ed Midden each scored one for the good guys.

UMR's 'B' Team faced off against SIU-Carbondale. They started off doing well, but couldn't hold on to their lead as they lost 9-14. UMR came off the bench extremely hot as Ed Midden and Brian Schrameyer scored two goals in the first quarter

putting UMR up 4-3. Dicon Rendic came off hot also as he was booted from the first off two games in the 3rd quarter. Bill 'Jr.' Unzicker scored 3 points in the losing effort. Mark 'Who Finally Got Glasses' Munoz found his way to two goals while Ed 'Ed Sr' Midden and Brian Schrameyer scored two goals.

Vanderbilt's 'A' team was next on the list of victims for UMR's 'A' team. Paul Baundendistel added a three of his seven goals in the first quarter giving UMR a 3-0 lead. Kurt 'Mr HoleMan' Steinmann scored two in the slaughter. Ed Midden, Keith Thompson and Brian Schrameyer scored one each ending the game with the UMR winning 12-2 over Vanderbilt.

UMR's 'B' team played well against Vanderbilt's 'A' team, but again came up short in the losing effort. Rob Hagan scored two goals for the Miners while Ed Midden, Schrameyer, Thompson, Baumstark and Travis McGee each scored one goal for UMR. Eric 'Ed Jr.' Midden, in his first water polo tournament played excellent defense for UMR.

UMR's 'A' team smashed SIU in their last game of the tournament. UMR played excellent defense while shutting down SIU's offense com-

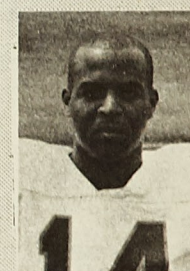
pletely. Kurt Steinmann added 5 goals for the Miners and Paul Baundendistel scored three goals while Ryan Hahn rocketed two in. Doug 'I'll Never Leave Rolla' Cordier, Keith 'Who kept getting his balls stolen' Thompson, Bill Unzicker and Brian Schrameyer scored one each. While UMR's offense racket up the goals, their defense shutout SIU, not allowing a single SIU goal. The final score ended up 14-0 for the Miners 'A' team.

In UMR's 'B' teams last game, they played Vanderbilt's 'B' team. Brian 'Who steals balls from girls' Schrameyer scored 7 goals for the winners. Pete Baumstark scored three goals while Mark 'The Mole No More' Munzo scored two. Keith Thompson and Ed Midden score a goal each for the Miners. The final score ended up the Miners 14, Vanderbilt 9.

The Water Polo team would like to thank you for showing the support by coming to watch the games; hope you enjoyed them. The next home tournament will be in the spring.

The next tournament the Miners will be playing is in Little Rock, Arkansas. They will be going up against Texas A&M, Rice, Houston and University of Arkansas, just to name a few. Good Luck UMR Water Polo.

M-Club Athlete of the Week



M-Club
Source

This week's M-Club athlete of the week is Mike Wise, senior co-captain and quarterback of the Miner football team. In last weekend's game against Southwest Baptist, Wise compiled some very impressive stats. He completed 10 of 16 passes for a total of 102 yards and 2 touchdowns. He was able to rush for 133 yards on 13 carries, again for 2 touchdowns. Congratulations Mike, and good luck with the rest of the season.

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bals while Ryan Hahn
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Unzicker and Brian
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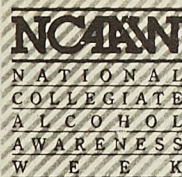
he Week



M-Club
Source

Week's M-Club athlete
Mike Wise, senior co-
quarterback of the Miners
In last weekend's game
west Baptist, Wise con-
ery impressive stats. He
Of 16 passes for a total o
d 2 touchdowns. He wa
or 133 yards on 13 carry
ouchdowns. Congratula
nd good luck with the re

This week, everybody on campus will be talking about drinking.



Because during National Collegiate Alcohol Awareness Week, your school will host all kinds of activities and presentations focusing on the safe and responsible consumption of alcohol by students of legal drinking age. Among the activities is a "Know When To Say When" poster contest that pays a \$5,000 scholarship for the poster that most creatively and effectively promotes responsible drinking. Sponsored in part by Anheuser-Busch, NCAAW is about the health, safety and social issues you face when you drink. It's about avoiding abusive drinking situations. And it's about adding to your margin of safety, and that of everyone else, by drinking responsibly.

It's certainly something worth talking about. So why not get in on the conversation.

National Collegiate Alcohol Awareness Week is the kind of grass roots program that Anheuser-Busch supports to encourage responsible drinking by adult collegians. For more information on this and other programs, contact NCAAW, Fort Hays State University, 600 Park Street, Hays, Kansas 67601-4099 or your local Anheuser-Busch wholesaler.



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Goatee

from page 6

other contribution is on "Window of Opportunity". You can hear his influence, but the song is plain dumb. The lyrics make little sense, and what help Mink adds to the chorus and bridge is ruined by the cheesy synthesizer sound of the verses.

"Organ" is a silly song of days of youth spent in the basement with a boy and a keyboard. It recalls the tales of Angel food for thought although the humor is quaint rather than gut busting. It's a nice story, but it doesn't connect with me. Similarly, "Janet Clark" is a song built around the love of a bank teller who falls in love with a bank robber. It's a funny premise, but it doesn't really catch me.

The spoken word pieces "curb", "super", and "mirror room" focus on breaking up in rush hour, shopping for food, and a child alone with a mirror. They are longer pieces than the work on Cadell's previous album, and they show that Cadell can still write. The three pieces are all alike in that they are excellent in describing the pictures, motions, and thoughts behind the scenes of an event which might seem commonplace.

The most notable songs are "Georgian Bay, 24 and Forevermore", "Bark of the Tree", and "Strength". "Georgian Bay"

is slow and mysterious. "Bark" is a capella, and Cadell assumes the role of one who ponders over a long failed marriage. "Strength" paints the picture of a mother's and daughter's relationship fracturing at the kitchen table. Cello and acoustic guitar play back and forth in the background, and they compliment Cadell's voice very well.

Bombazine is not the Meryn Cadell album I was looking for after her outstanding debut. Save for three good pieces of spoken word, Cadell has sacrificed her performance art stylings and decided to focus on songs. While this in itself isn't necessarily a problem, the songs presented are not really that great. Most of the humor is weak, and the music is rarely catchy or remarkable. The dramatic songs are better, but they are few and far between. Hopefully, Cadell's next album will be more consistent.

Album Review

Aimee Mann
"Whatever"
Imago Recording Company (1993)
7 goatees

I must admit. I don't know much about Aimee Mann or her old

band 'Til Tuesday. I know they had a hit or two in the eighties, but for all intents and purposes, "Whatever" is my first taste of Aimee Mann's musical fruit. My only other brush with her was that I heard she put on a really nice show at the Pointfest earlier this semester. So I decided to take a listen to her album, and I like it.

"Whatever" is a collection of decidedly pop songs. The first track, "I Should've Known," is chock full of "bop bop bop"s. "Aaaaah" choruses, and

Beatle-esque hooks. She gets help from Roger McGuinn of the Byrds on a number of songs to help solidify that 60's jangly, pop sound so typical of current bands such as Tom Petty and the Heartbreakers.

Producer Jon Brion adds most of the instrumentation on the album. I've never heard of him, but his work on "Whatever" is excellent. Unlike many "do it all" producers who dominate an album's credits, Brion has constructed a well balanced and enjoyable album. Mann's voice is put out in front of the mix. On songs such as "4th of July", you can hear her waver and strain, but it's not a blemish on the recording. In fact, it makes the album much more intimate.

"Mr. Harris" is a very nice piano and oboe based song on mismatched love between a young woman and an old man. Kind of a Harold and Maude type thing without any death or sex or hearses. It has a nice setting, and the lyrics are sweet and nostalgic.

But in general, the lyrics of most of the songs need a bit of work. There isn't a lot of depth in a good number of the songs. "I Know There's a Word" says that there must be a word to describe how I feel because "it's in the dictionary." It's a beautiful song about being rundown, but that line just strikes me as being kind of dumb. The slower,

"breakup" song, "Stupid Thing", keeps repeating "Oh you stupid thing" at the start of each line of the chorus. Mann's lyrics keep asking why he drifted away from her. I started to count the number of times Mann sings "Oh you stupid thing" in the song, but I went bonkers and gave up. Maybe this stupid lyric is why he drifted away. "Stupid Thing" is definitely a high school angst song if I ever heard one. Lots of Reo Speedwagon type themes.

"I Could Hurt You Now" is produced by the great Tony Berg (Edie Brickell, Michael Penn). It starts out like a Suzanne Vega song, but breaks into a regular old

pop song like the rest of them. It even throws in a bit of organ at the end. "Fifty Years After the Fair" is the historical tale of someone older who went to the New York World's Fair. It's a nice song, but it holds little depth. It's main plus is that it features Roger McGuinn on guitar and backing vox. But for all of my jeers, these pop songs are right on because they are just about simple pop things.

On paper, "Whatever" is one of those albums that I could hate with a passion. It's filled with simple songs, simple lyrics, and pop production, but I find that I like it a lot. It doesn't fall on cliches, and it doesn't have a ton of production tricks hiding the music. Mann is put out front, and the songs are done faithfully. For once, the pop simplicity is real and not just a way to hide the weaknesses of the album. Aimee Mann's "Whatever" stays right in a nice pop niche, and it's Byrdian feel should please those who like the pop side of Tom Petty.

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

Fortelka rates week #7 action

Brian Fortelka
Staff Writer

This NFL season is shaping up to be one of the most injury plagued in recent history. One of the main reasons for the increased injuries is the beloved astroturf that owners everywhere are all for. The new dome stadiums that are being built everywhere will forever change the aspect of football. Many key players for teams were injured last week due to astroturf. Here is how the NFL shapes up after six weeks of play.

NFC-Central: If a loyal Chicago fan was asked before the season started if the Bears would be buying for first place after five games, I'm sure most people would respond, Yeah Right! Well Da Bears are back and they are just as ferocious as they were when they were Super Bowl Champions in 1985. Richard Dent and Steve McMichael are back to their old tricks, while Jim Harbaugh has figured the quarterback position out....Up in Packer-land, the Cheese Heads grated the Broncos on Sunday Night, but still are disrespectful in the Central.

NFC-East: The N.Y. Giants came to RFK and gave the Redskins their worst loss in 40 years. Phil Simms and David Meggett made the Skin's look sad in a 41-7 whitewash....The Cowboys had a bye in week 6, even though they played the powerhouse Colts. This one wasn't much of a match up

For the Cowboys, who are probably looking forward to this week's game with the Forty Niners....Bill

Parcell's gained his first win as Patriots head coach by beating up on the Phoenix Cardinals. Bill hasn't forgot from his days at New York that the Cardinals are always good whipping boys.

AFC-East: The trash talking Dolphins strolled into the dog-pound last Sunday. The came out as winners, but the price was high. Dan "I am the Man" Marino could be lost for the season with a knee injury....Boomer and the Jets ran into a fiesty Raider team and got shot down in L.A. The Jets just can't seem to get the job done.

AFC-Central: The Steel Curtain defense is back in Pittsburgh. Led by Greg Lloyd, the Steeler Defense crushed the Chargers chances last Sunday. Big game next week with the Saints coming to town....David Klingler and the Cincinnati Bengals gave the Chiefs a scare last week but still can't seem to put it all together.

Many divisions are still up for grabs. The Saints remain the only undefeated team in the NFL. The game of the week for week 7 could be the 49ers at Dallas. The clashing of two titians in the NFC. Here is a break down of the rest of week 7.

Week # 7

L.A. Rams	at	Atlanta
Cleveland	at	Cincinnati
Houston	at	New England
Kansas City	at	San Diego
New Orleans	at	Pittsburgh
Philadelphia	at	N.Y. Giants
San Francisco	at	Dallas
Seattle	at	Detroit
Washington	at	Phoenix(MON)

Lock of the Week: Philadelphia at N.Y. Giants The Eagles hopes rely on the shoulders of Bubba Brister and that's not good. The G-Men are looking to take full control of the East, and they should. Giants 36 Eagles 17

Upset Special: Seattle at Detroit. The Seahawks own one of the leagues top defenses. Whether it was in the Silver Dome or King Dome, it don't matter, the Seahawks will roll. Seattle 17 Detroit 9



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G-8 TJ-Hall-AEC

Facilitator: Ms. Diane Stutts

TEST ANXIETY

Wednesday, October 20; 7:00 p.m.

G-8 TJ-Hall-AEC

Facilitator: Dr. George Schowengerdt

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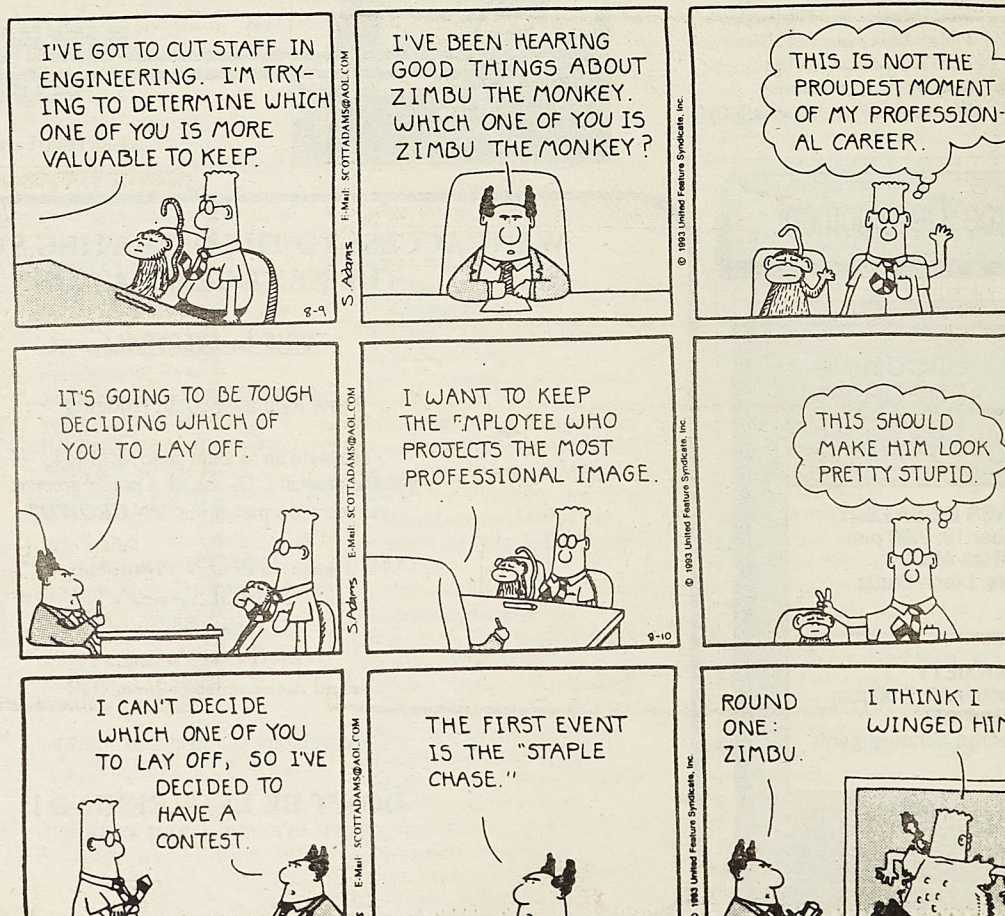
Jim's Journal

by Jim



DILBERT

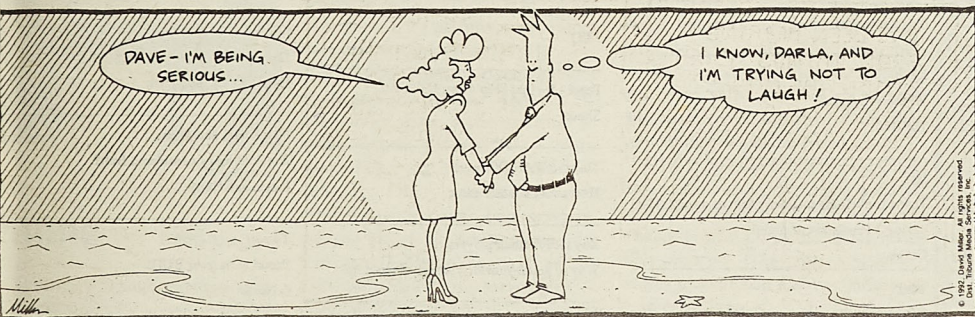
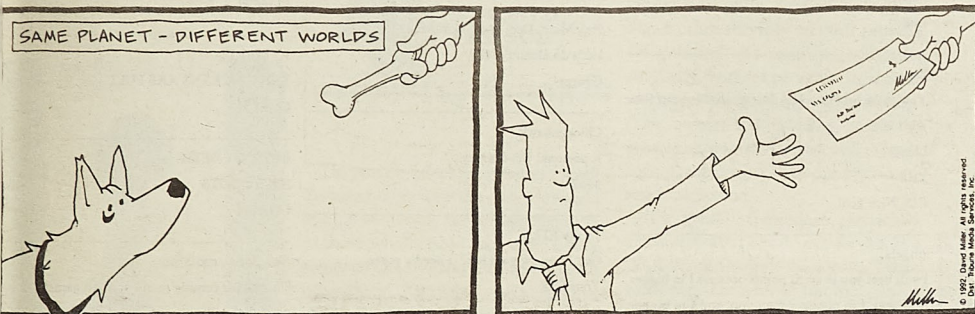
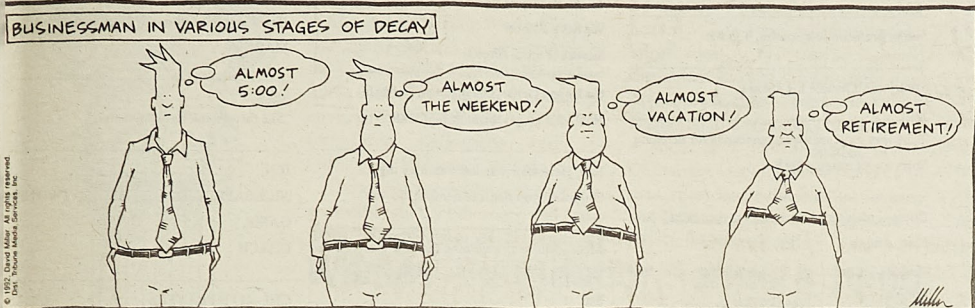
by Scott Adams





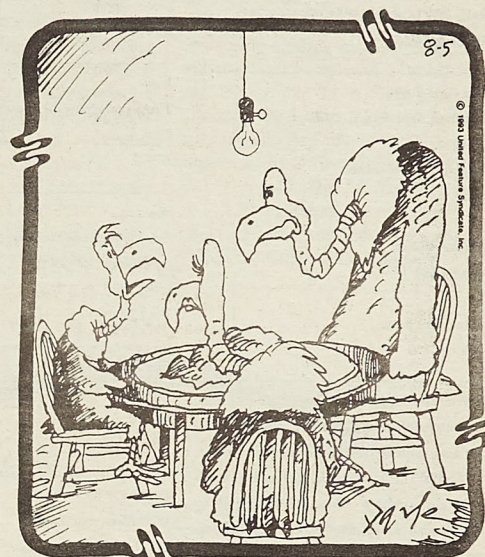
Dave

by David Miller



OFF THE LEASH

by W.B. Park



"Well, heck, when I eat over at Billy's house, their roadkill is a lot more disgusting than this!"



Campus Gossip

Miscellaneous

1987 Dodge Lancer ES Turbo

Four door coupe w/sunroof; Maroon; High performance tires 5 alloy wheels; 2.2L 4 cylinder Electric Fuel Injection; AC, PS, PB, 5 speed, cruise, 25 mpg
Asking \$5,000 obo
ROB TAYLOR @ USBM 364-3169-247
Home 435-6563

Kenwood Stereo
Receiver, Tape deck, C. D. Player
\$500
With Yamaha Speakers
\$575

Speaker Stands
Asking \$20

Single Size Futon
Asking \$100

Several full time/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. 3 assistant manager positions also available. Complete training if accepted. Call for appt, (314) 364-5341, from 2pm-4pm, Sun, Oct 24 or 8am-9am, Mon, Oct 25. Interviewing at Drury Inn, Hwy 63 North, Rolla, MO, Tues, Oct 26, 1pm, 2pm, 3pm, promptly.

LIMITS

Everything has a limit
Except our conceptions of God and time
These are the things
That seem to have no limit or bound
All else will someday cease to confound
Time does not limit God
Maybe God can limit time
But only He

Time Rider

To whom it may concern:

I no longer want laundry done at this location: 603 Olive St. Apt. 4
The sewer is not capable of handling the load.

Ceiling fan for sale. Call 341-9616.

Personals

Carrie,
you are the best little sis!
Lico,
YBS

Carrie-
Thanx for always being there when I need someone to talk to you are the sweetest!
Lico,
JENG

Shannon-
Thanks for going over to Sigma Nu with me, for just an hour! (Ha! Ha!)
Lico,
EN

Shannon-
you are the luckiest gal - I'm jealous
Lico,
JEN
Chi Sigma's are awesome!!!

Shannon-
Thank you for helping me when I was broke-
Lico,
JEN G

Jody-
Thanx for helping me out when I was in a bind.
Lico,
JEN G

Shannon-
Don't tell anyone about the bomb that went off in the Library (3rd floor)
Lico,
The Library

Carrie-
How many dates did you have?
LICO,
YBS

Carrie-
Where was your date?
LICO,
YBS

Girls Soccer,
Congrats on a great week!

Arnie,
Good job at the football game. Too bad you wiped out. Ouch. SAFE!
Lico,
Big L

Sonya,
Thanks for watching my sweatshirt.
Arnie

Madona,
Thanks for going to the football game and after hours with me,
Lico,
Big L

Andrea,
I will get you back. Oh yes, I will get you back.
Lico,
Lisa

Madona,
You haven't done anything dumb for me to make fun of you for this week. Too bad.
Lico,
?

Chi Omega is AWESOME

Sonya is a great little sis,
Lico,
YBS

Stinky needs a wipe
T. M. #5

T. M. I am getting better with my gestures + words

Dairy Queen That's Right!

Maja you slacker, you'll never catch up with me,
Lico,
Angela

Shoe have a beer! the curfew slacker

Zac, One more Burp and your running hills

Stinky prefers little snakes, TM #5

Stinky can't handle big snakes

T. M. you guys are awesome thanks for listening,
Sorry about missing B+B

Chera- I miss us not hanging out+our talks
Lico, Angela

Sonya,
I was just joking. It didn't work for me. I was just joking.
Lisa

Zac,
You're the best little sis! Just remember your first job!!
Lico,
YBS
P. S. Nice goal

Angela,
I will beat you in spirit points because I'm bigger than you, I'm stronger than you, and I'm bigger than you!
Lico,
You know who

Keith,
Where's my goal?
The Bee

Jeff,
Thanx for helping to get my friends drunk! Then having 3 Pepsis in one night!
G. Pet

Max,
These weren't too bad, were they?

Go Kappa Delta- Team of the Week! Great job Brandi - you definitely deserve Athlete of the Week!

Francie,
Is it okay to be filled with hate?
George

Kisten,
Great job in soccer, lil sis! Way to go!
YBS

Shelly,
Bananas are cool, but what about pesticides?
YBS

Dakimbabe,
Where should we have our next?
George
P. S. Have you seen Bob?

T. M. I am getting better with my gestures + words

Jeff L.

Thanks just for being you,
Love,
YLS

Ticcer,
TAILGATE!
Shooz

To the Basement Room:
We have a floor!
Snooze (I mean Shooz)

Go Kappa Delta - Great Job on Softball!
Now let's go get them in football!

Hey, Herf, how was last Saturday night?
Oh, sorry, you don't remember, do you?

Mom - you're an awesome catcher. And I'm sure Dad will come back soon, so keep swingin' that bat.
Love, George's Dakimbabe

Hey Mom, Dad, and Dakimbabe,
Let's do Denny's, eh?
George

Chickenhawk,
A personal just for you.
4462

To my FIL,
Can I borrow your hat? I need a glove.
Your FTR

Jeff A. C. (a. k. a. Jell-O)
So how Do you get Jell-O out of these hard to reach places?
JWQ

Pepsi - for that deep down H3 thirst!
Shooz

Tina the WAR DOG
How about another game.

Kay Dee football players,
Way to go on your first game! Keep it up!

Thanx Jeff, for being an awesome softball coach - way to go Kappa Delta 4-2!

Mike & Jeff are awesome Kappa Delta football coaches.

Thanx Beth, Amanda, Sarah, Brandi, Chris, Stephanie, and Karen for swimming for Kappa Delta - you did wonderful.

Dakimbabe-
Isn't physics TERRIFIC!?!
George

Go AFROTC football - yes, I am 18!

Hey Pi Kaps,
Do you know when your next game is?
Your Intramural Manager

Kym,
Keep going - just a few more months until our trip.

Eugene,

Thanks a million for the disc. Your generosity made my day.
Sarah,
the SWE flyer maker
P. S. look for those flyers

TJHA women's flag football kicks butt.

Sheri,
Heard any trains through the rail lately?
MARK

Sheri,
"She throws and its outta-there!!"

JEN,
NICE SAFETY. DON'T FORGET- TWONEXT GAME.
COACH

CHI - O FB PLAYERS-
WOO - WOO, 1-0! LET'S KEEP IT GOING.
COACH

JO MARIE-
THE CHICKENS ARE FULL.
COACH

BIGFOOT BETH-
NICE BOOTS
COACH

Nat, Sarah, and Sheri
Thanks for coming to our softball games. If you were there all season we would have been 6-0.
TJ North softball

Nat,
Ha- chuu!
Barry, Kevin, and Dyrk

Nat, Sarah, and Sheri,
Are fruit loops considered fruit?
Kevin and Barry

Tom,
Proud to be your BUD!
6-North

Dave,
We wouldn't forget you.
Thanks for coming to our games.
TJ North Softball

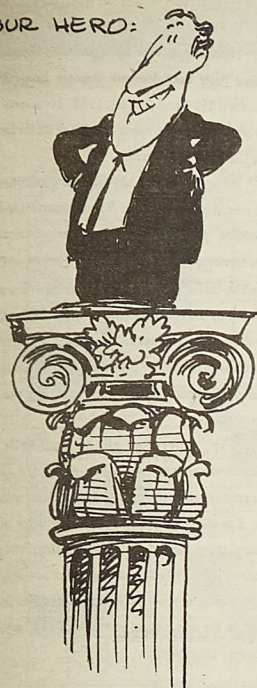
Amy + Zach
Ditto! Thank for your support all year.
TJ North Softball

Lambda Sigs are outrageously cool!!

Sigma Chi-
Thanks for a great derby days. You guys are the coolest.
Dawn

see gossip, page 17

OUR HERO:



Sivils receives scholarship Order of the Steel Ring reinstated



News Services
SOURCE

A proposal to study the photo-degradation of chlorinated dioxins has earned student Dale Sivils a scholarship of \$6,000 for the '93-'94 academic year.

Sponsored by TransWorld Airlines, four such scholarships are awarded in the University of Missouri for studies in the sciences leading to solutions of environmental problems. A total of forty-three applications were reviewed for this year's awards.

The remediation of hazardous waste is Sivils' goal, both short and long term. Specifically, he proposes to

study the effect of ultra-violet radiation on vapor and air-born dioxin. By interfacing a two-dimensional gas chromatograph with a photo reactor, Sivils's plans to study the disappearance of dioxins and the appearance of neutral photo products.

Much attention has been attracted by the recent discovery of several sites in the State of Missouri where the soil is contaminated with 2, 3, 7, 8 tetrachloro-dibenzo-p-dioxin (TCDD). This material presents a much greater hazard in the form of vapor or airborne aerosols that can be ingested through inhalation. Sivils' study aims to identify the fate of these forms when subjected to ultraviolet radiation.

Sivils is a Ph.D. student in the Chemistry Department and works in the Center for Environmental Science and Technology under the guidance of Dr. Shubhender Kapila.



News
Services
SOURCE

The University of Missouri-Rolla chapter of the National Society of Professional Engineers is resurrecting the Order of the Engineer Steel Ring Ceremony. The ceremony is common at most engineering schools across the U.S. and Canada and was once celebrated here at UMR as well. In recent years it has been neglected. Due to renewed interest it will be held again near the end of each semester.

The Order of the Engineer is an organization whose missions is to foster

and preserve pride, dedication and ethics within the engineering profession. A student is inducted into the organization by acceptance of an 'Obligation of Ethics' and symbolizes this commitment by wearing a stainless steel ring on the little finger of the working hand. The ring serves as a reminder to all who see it that an engineer is dedicated to his profession and the public it serves.

The Steel Ring Ceremony is for all graduating seniors, graduate students and practicing engineers. It will be held November 29 at 8:00 p.m. in Chemical Engineering G-3. To be inducted into the Order of the Engineer register at the Office of the Dean, 101 ERL, before October 29. There is a fee of \$12.50 including a sized stainless steel ring and a certificate of membership in the Order of the Engineer.

Wesley Foundation lends a hand



News Service
SOURCE

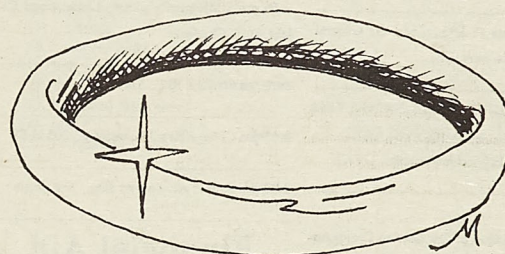
Do you ever feel the need to serve? To help others with the simple reward of a job well-done and the appreciation of those who needed the help? Every semester the Wesley Foundation, an ecumenical Christian organization, sponsors at least one significant service project. This semester, on StuCo weekend, we are travelling to Kansas City in order to perform some minor repairs at the Don Bosco Center.

The Don Bosco Center provides many services for the Kansas City community, from scout meetings to senior citizen get-togethers. More specifically, and possibly more notable, the Center provides KC area residents with counseling services, refugee settlement work, classes for English as a second language, and an alternative high school for people that drop out of regular school. It exists as a non-profit center loosely tied to the United Way Agency and those involved with it really appreciate the help offered by UMR students.

Our main role will be to help in renovating an old convent for use as a family and child counseling center. Some other services we will provide are painting and outdoor landscape. Anybody with experience in mortar work and bricklaying, carpet laying, floor repair, and painting would be greatly appreciated; however, there is considerable work to be done and anyone is welcome.

It's great experience, physically and spiritually, but do not let the title "Fall Work Project" fool you. These work trips are a lot of fun too. There will also be time to do a little exploring of Kansas City, and there are likely to be games and other activities at night. All of which overlooks the most important point of all. The group that works together bonds together, creating friendships that will go beyond this moment of service. Come do something you can be proud of.

All you need to bring is a sleeping bag, a pillow or other bedding and \$10 to help cover food for the weekend ("scholarships" are available for those who need it). The group will have access to a kitchen and we will cook most of our meals. If you would like to join us, or have other questions just call the Wesley Foundation (next to the Post Office) at 364-1061. We appreciate the help!



UMR student earns scholarship



News Services
Source

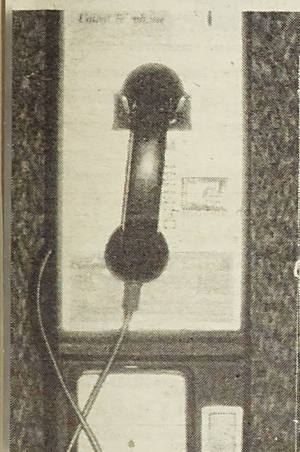
Olga Shumsky, a senior majoring in Computer Science at the University of Missouri-Rolla, received a scholarship award totaling more than \$10,000 from Computer Associates International Inc.

Shumsky, the daughter of Dr. Mark and Maria Shumsky of Rolla, was the only UMR student nominated by the Computer Science Department. She also was one of 10 finalists for the award.

To apply for the scholarship, Shumsky was required to read a book about the sponsoring company, write three essays and obtain a letter of recommendation from the chairman of the department.

The contest was open to the first fifty schools meeting the application deadline. Each school could nominate up to three students.

Shumsky, originally from Moscow, Russia, will receive an \$8,000 grant from Computer Associates International Inc., a software manufacturer; a \$2,000 gift certificates from CompUSA, a computer equipment supplier; and more than \$100 in various software packages.



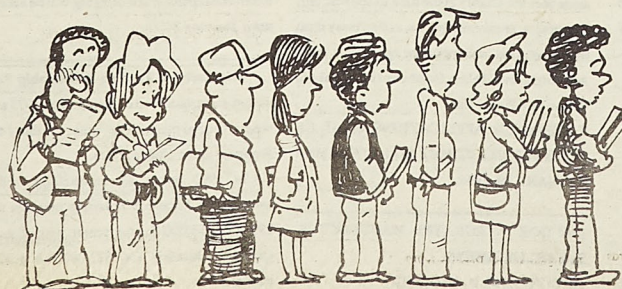
Doug Sobery

Phone from page 1

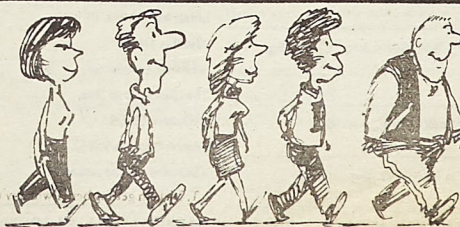
Students will have registration appointment times for access to the TT/VR system. Students can access the TT/VR anytime after their appointment time. The appointment time will be available, along with the schedule of classes, in the Registrar's Office beginning October 20. Students can elect to obtain their registration appointment time through STUINFO on their UMRVMA CMS account. Registration appointment times are scheduled by the level of the student and number of hours within that level in the following order: PhD, MS, SR, JR, SOPH, and FR. Students are permitted access to the system multiple times using adds and drops in order to build an appropriate schedule for the next semester. Complete instructions for the use of the system will be included in the schedule of classes.

Students should schedule appointments with their advisers during the week prior to Advising Week, October 25-29. Telephone registration appointment times start on Monday, November 1.

WELCOME



COLLEGE EDUCATION



Aid

otechnical and Environmental Data," 204 McNutt

4:30 pm Chemistry Seminar, Leonard W. Fine, "The Discovery of Nuclear Fission: A Case Study in the Human Dimension of Science," 104 ME

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

6:00 pm Student Council Mtg., 204 McNutt

7:00 pm UMR Film Series, "Reggae Sunsplash," Miles Auditorium, ME. Admission is by season ticket or \$3 at the door.

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

7:00 pm ASCE EIT Review Session, G-5 H-SS

7:00 pm Society of Petroleum Engineers Mtg., 212 McNutt

7:00 pm Tau Beta Pi Mtg., Chem G3 General Meeting Officer Nominations.

7:00 pm "Can This Class Be Saved?" G-8 TJHA

7:00 pm ASCE EIT Review Session, 114 CE

7:00 pm Association of Engineering Geologists Mtg., 211 McNutt

8:00 pm SUB: Comedian Paul Gilmartin, UCE Cafeteria. UMR Intrafraternity Council and St. Pat's Committee will be serving "mocktails"

8:00 pm Koinonia Mtg., 305 Chem Eng

8:00 pm Chi Alpha Mtg., Missouri

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

10:00 pm Table Tennis Club Practice, Miner Rec

Next Wednesday

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

2:30 pm STUCO Lawyer, Walnut

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

5:00 pm Student Activity Fee Board Mtg., Walnut. Volleyball & Cross-Country Due

5:30 pm Intramural Managers Mtg. Volleyball & Cross-Country Due

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

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

6:00 pm Blue Key Mtg., 216 ME

6:00 pm Eta Kappa Nu Mtg., 103 EE

6:30pm, AIAA Mtg., 104 ME

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

7:00 pm Cycling Club Mtg., G-1 Rolla Building

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

7:00 pm Associated General Contractors Mtg., 114 CE

7:00 pm Alpha Chi Sigma Mtg., G-3 Shrenk

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

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

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

7:30pm Society of Mining Engineers Mtg., 201 McNutt

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

8:00 pm Starfleet Mtg., Maramec

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

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

Financial Aid

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

headlines 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,

Sacramento CA 95852.

(Samples will be returned).

NATIONAL COLLEGE POETRY CONTEST

- Fall Concours 1993, open to all college and university students desiring to have their poetry anthologized. CASH PRIZES will go to the top five poems:

First Place: \$100; Second Place: \$50; Third Place: \$25; Fourth & Fifth Place: \$20

Awards of publication for all accepted manuscripts in our popular, handsomely bound and copyrighted anthology, AMERICAN COLLEGE POETS.

Contest Rules and Restrictions:

1. Any student is eligible to submit his or her verse.

2. All entries must be original and unpublished. Poems previously printed in student publications are acceptable.

3. All entries must be typed, double-spaced, on one side of the page only. Each poem must be on a separated sheet and must bear, in the upper left-hand corner the name, and address of the student as well as the college attended. Put name and address in envelope also. (Alumni Welcome).

4. There are no restrictions on form or theme. Length of poems up to fourteen lines. Each poem must have a separate title. (Avoid "Untitled").

5. The judges decision will be final. No info by phone.

6. Entrants should keep a copy of all entries as they cannot be returned. Prize winners and all authors awarded publication will receive a gold-seal certificate ten days after the deadline. Foreign language poems welcome.

7. There is an initial \$3 registration fee for the first entry and a fee

of one dollar for each additional poem.

8. All entries must be postmarked not later than the above deadline and fees be paid, cash, check or money order to:

INTERNATIONAL PUBLICATIONS

P.O. BOX 44044-L

Los Angeles, Ca 90044

DEADLINE: OCTOBER 31, 1993

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

REQUIREMENTS:

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

The student must have a course load of 6 or more credit hours each semester during the period for which the award is made. The student must be a senior during the year for which the award is made (not necessarily at the time of application). Transcripts, recommendations, and an essay must be submitted as outlined on the application form. Application available in the Student Financial Aid Office G-1 Parker Hall.

COMPLETED APPLICATIONS MUST BE RECEIVED IN 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.

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

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

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

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

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

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

INTRODUCTION TO BIOMEDICAL RESEARCH ENCOURAGES MINORITY STUDENTS TO PURSUE SCIENCE CAREER

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

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

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

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

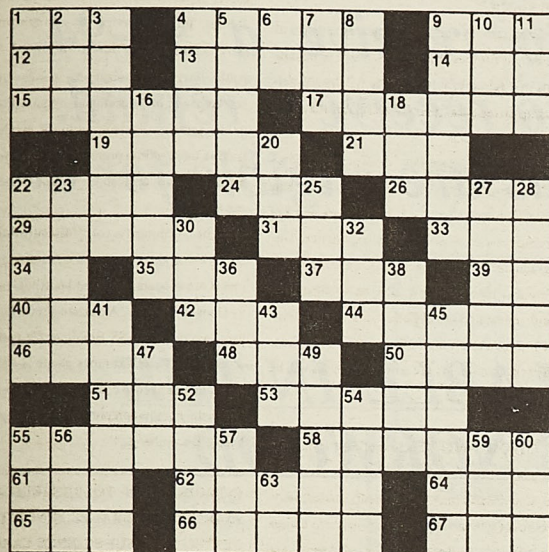
Approximately 55 students will be selected for the 1994 program, scheduled for February 6 to 10. They will attend a series of lectures by NIH scientists and will tour the renowned NIH Clinical Center, one of the world's largest research hospitals. They will have face-to-face discussions with scientists 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 campus.

The students also will have the opportunity to apply for summer positions in the NIAID Division of Intramural research. These jobs provide oppor-

see Aid, page 21

Time Killers

Crossword Companion



ACROSS

1. Help
4. Confess
9. Dependent (abbr.)
12. Enemy
13. Hardwood tree
14. Low number
15. Arctic treeless area
17. Warrior with weapon
19. Hard enamel
21. Kettle
22. Dash
24. Pig meat
26. Cries
29. Lightweight wood
31. Affirmative
33. Knock
34. Preposition
35. Mistake
37. Annoy
39. Without date (Library, Latin)
40. Airport code in Bahamas
42. Atlas
43. Implied
46. Interjection of dismay
48. Flap
50. Not as much
51. Anger

55. Giant

55. Movie
58. Snuggle
61. America (abbr.)
62. Likeness
64. Snake-like fish
65. Friend
66. Claw
67. Male sheep

DOWN

1. Toward (Naut.)
2. Promise to pay
3. Of the teeth
4. Land measure
5. Demise
6. Eastern state (abbr.)
7. Pertaining to (suffix)
8. Pitfall
9. Physician
10. Direction (abbr.)
11. Each
16. Compact
18. Numbers (abbr.)
20. Bale contents
22. Black
23. Verandah (Hawaiian)
25. Males
27. Foundation

28. Brief quarrels

30. Appendage
32. Day of week (abbr.)
36. Rodent
38. Festivals
41. Vertebral
43. Tap gently
45. Midpoint
47. Ever (poetic)
49. Game
52. Erupt
54. 13-year-old
55. Drinking vessel
56. Book of Bible (abbr.)
57. Doctor's group (abbr.)
59. Meadow
60. Tree
63. Capone

see solutions, page18

Gossip

from page 14

Demp:
At the end of a breadline with just a penny...

Nat
There could never be boundaries in our little world. Only one rule: No one else can join!! It's ours and only ours!!

Eric:
Your sweetheart

Zeta Pledges are totally cool!!

Lambda Sig Rush Party October 15th. Call 368-3822 for more information.

Eric:
Thanks for being so understanding

Dawn

Sarah,
You're the greatest roommate (even if you do have a problem with guys in your bed!)

Nat
as onepeters:

Demp:
How's your MacPaperWeight holding up?

Cris-T:
Feeling better yet?

Brenda:
Only a month until we're allowed to date...

Chera & Dawn -
The Greek life display looks great. Thanks.

WAY TO GO ZTA - 1st Place Homecoming.

Jen, Jill, and Karen-
Thanks for making our 20th anniversary such a success. We all had a blast and appreciate your hard work and dedication.

ZLAM,
all your Zeta Sisters

ALG,
Wine-oh! I lost my corkscrew!

ZLAM,
YXR

Chi Omega
Thanks for chalking our sidewalk! You guys are awesome!

ZTA

Chi Omega Chem E's are cool! Are you in the square root club?

ZTA Chem E's

Rebecca -
Great Job with the Panhellenic program. You did a great job.

UMR Panhellenic

Dave,
Sorry about forgetting you in the Miner last week. Will you forgive us?

Sarah, Nat, and Sheri

Kevin and Barry,
You guys are so creative; you should be writers!

Nat, Sarah, Sheri
P. S. Flattery will get you everywhere

Mike,
Only a week and a half!

Jeffrey Paul,
We beat you! (as we always will)

Bridgette and Nat

Mike,
I spent last night dreaming of your eyes...

Nat
Barry,

Don't worry about the Magic Eightball. It will learn to like you.

Nat

Dyrk,
Is that ankle healing?

Your 9 S pals

Bridge and Nat
How do y' all call your loverboy?

-D

Good luck to the T. J. Women Swimmers!

Panhellenic-
You have all done a great job! Keep up the good work.

Rakiyah-Congratulations on being crowned 1993 UMR Homecoming Queen. You truly deserve it!

Candy,
You are an awesome big sis!

YLS

Amy,
You are the best roommate and friend anyone could have!

T

Nat and Sarah:
Patience, my greedy friends. As a wise man once said, the purest enjoyment of a donut comes only after a long wait. Someday, perhaps, you will finally be ready and deserving.

Karlynn:
I haven't forgotten you; I just haven't had enough class time to write something.

To all the T. J. Women Softball players:
Great job, guys! Hope you had as much fun as I did!

MAD DOG is back!

Sandy:
Where do the mermaids stand?

Tony:
I can't believe you actually listen to Dr. Dan.

Mel:
Keep up the good work!

Good luck to the T. J. Women's Football team!

Hey Gorg:
Try dropping a bowling ball on the floor to shut those guys up...

Ultimate frisbee, anyone?

Patti:
How many interceptions are you up to now?

Cowell:
You need to get out more. Homework isn't that important.

To the T. J. South Lounge Bridge Club:
Haven't you guys ever heard of homework?

Jill-
Thanks for being there for me. I'm ready for ice-cream on the 21st!

KT
I like my new Watch.

Thanks Demp

YEARBOOK REFUND

All students who do not want to receive a 93-94 yearbook, need to fill out a form to receive a refund. All full-time undergraduate students are eligible for a refund.

**REFUND FORMS ARE AVAILABLE IN THE
ROLLAMO OFFICE IN 103 NORWOOD**

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Board from page 1

manage and behave properly." Basically, Ogrosky and the administration believe that since the St. Pat's Board "didn't work before", it would make little sense to reestablish the St. Pat's Board as an independent organization. In other words, regardless of how the majority of UMR students believe, the way in which the St. Pat's Committee and celebration are handled presently will remain in effect for a long time. There will be an open forum to discuss this issue of St. Pat's on Wednesday, October 20, in ME 104.

solutions

from page 17



Life

from page 5

thank all of those tough professors for preparing me so well for the real world. And then, I will laugh. Madly. Hysterically. Of course, that will be okay, too, since I'll be locked in small yet quaint padded room somewhere out in the middle of the woods and no one but my fellow Calc flunkies will be able to hear me anyway. And

somehow, I will survive.

There, that's my pep talk for the week. I certainly hope it helps. Good luck on mid-terms (and I do mean that from the very bottom of my overstressed, emotionally-drained, hyperactive heart), and remember: I'm good enough, I'm smart enough, and I can take derivatives.

* 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

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fresh-baked cookies:
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• Macadamia Nut

Not valid with any other offer or coupon.

Theta Tau Omega initiates and new members

Theta Tau Omega
Source

Theta Tau Omega would like to thank all of the people who took the time to interview this semester. We are pleased to have a fine pledge class with thirteen new members. Theta Tau would like to congratulate the following men for the acceptance as pledges of Theta Tau Omega.

Bill Avise, Kappa Alpha
Scott Davidson, Sigma Pi
Doug Davison, Kappa Alpha
Matt Foresman, Kappa Sigma
Brian Fortelka, Sigma Phi Epsilon
Brian Haggard, Kappa Alpha
Pat Kuhne, Phi Kappa Theta
Mark Murphy, Tau Kappa Epsilon
Barclay Nothaus, Kappa Sigma
Sean Peters, Tau Kappa Epsilon
Steve Renick, Lambda Chi Alpha
Steve Skikas, Sigma Nu
Bill Wacker, Tau Kappa Epsilon

Theta Tau would also like to congratulate the following men for recently being initiated as full members of Theta Tau Omega:

Dan Blevins, Phi Kappa Theta
Tom Carpenter, Kappa Sigma
Jason Hudson, Kappa Sigma
Matt Leap, Delta Tau Delta
John Lehmbeck Pi Kappa Alpha
Greg Morrow, Tau Kappa Epsilon
Joel Rickman, Sigma Phi Epsilon
Chris Scheibhofer, Phi Kappa Theta

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

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

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ENVELOPE STUFFING — \$600 - \$800 every week
Free Details: SASE to

International Inc.
1375 Coney Island Ave.
Brooklyn, New York 11230

Groundbreaking for new intramural and rec center this Saturday



News Service
SOURCE

ROLLA, Mo. — The University of Missouri-Rolla will break ground Saturday, Oct. 16, on its \$4.1 million Recreation and Intramural Center.

The center is designed to provide additional campus facilities for intramural and other recreational fitness activities, such as racquetball, aerobics and weight training, says UMR Chancellor John T. Park. Students currently use facilities in UMR's Gale Bullman Multi-Purpose Building, which also is used for intercollegiate athletics.

"Last year, we had more than 60 intramural volleyball teams, and some of the students were playing volleyball at midnight because of our lack of facilities," Park says. "This center will

give us the facilities we need and help us continue to attract quality students to UMR."

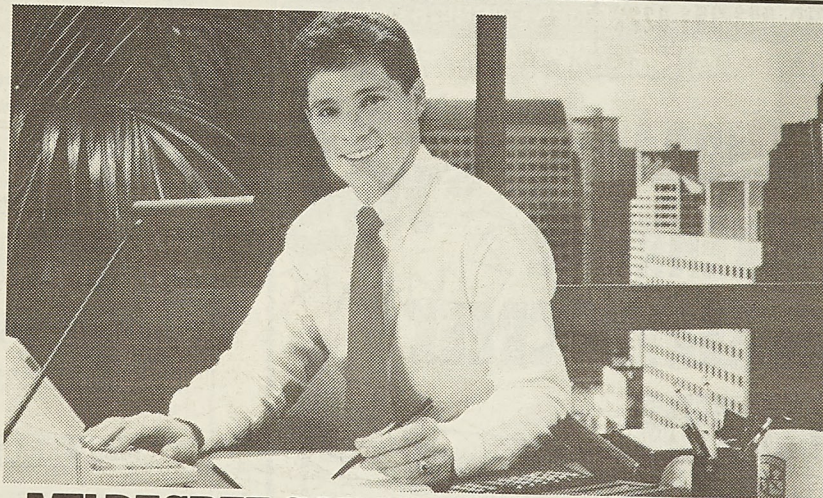
Ground-breaking ceremonies for the Recreation and Intramural Center begin at 10:45 a.m. on Saturday, Oct. 16, which is Parents Day at UMR. The event will take place near the construction site west of the Gale Bullman Multi-Purpose Building on 10th Street and U.S. Highway 63 in Rolla.

Construction of the center is expected to be completed before the fall 1995 semester.

The cost for construction is \$4,141,200. Of that amount, \$1.25 millions has been raised from student fees and \$1.59 million comes from campus and private sources.

The facility will include an indoor suspended track, four racquetball courts, a squash court, three multipurpose courts, and aerobics and martial arts room and weight training room, as well as an entrance lobby, offices and locker rooms.

RESERVE OFFICERS' TRAINING CORPS



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Army ROTC that won them over.

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341-4744

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Boatmen's offers a number of services to meet the needs of students including:

- **Student Loans** - Our rates are attractive and repayment doesn't begin until you finish or leave school.
- **Boatmen's Basic Checking Account** - If you write just a few checks per month this is the account for you. There is no minimum balance required to open the account and the monthly service charge is affordable.
- **Boatmen's Automatic Teller Machines** - You can have access to your money 24 hours a day, seven days a week at more than 100,000 teller machines around the world and as close as the Wal-Mart Super Center right here in Rolla.

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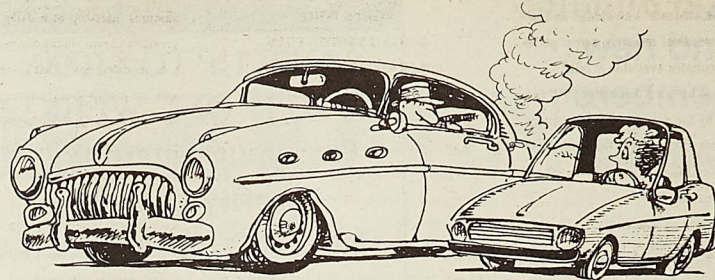
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UNBEATABLE! This year Sunchase is offering collegians from coast to coast four of the largest and most popular Colorado ski vacation resorts to choose from for Christmas Ski Break '94! And what's more important are the deep discounted complete package pricing that only Sunchase, Colorado's largest ski tour operator, can offer!

Sunchase Ski Breaks include your choice of Fully Equipped Condominium, Suite or Hotel Lodging for 5, 6 or 7 nights; all Lift Tickets, Parties, Mountain Picnic, Ski Race, all Taxes and welcome Goodie Bag full of participating corporate sponsor product samples and area information.

Call Sunchase TODAY toll free for your complete 12th Annual Collegiate Winter Ski Breaks planning guide with all the ski-tastic details! A \$50.00 deposit holds your space - final payment due after Thanksgiving.

Ask us about discount roundtrip airfares, too!

***FREE HALF DAY LIFT TICKET!**

**12th ANNUAL COLLEGIATE WINTER SKI BREAKS
TOLL FREE INFORMATION & RESERVATIONS**

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Sale good thru Sunday, October 18 at Rolla only

Juniors' and Misses

Woven Shirts Select Stock

A select stock of Fall woven shirts from Punch's "At Last", "Krazy Kat", and others. Includes novelty denim, ruffle collar, embroideries and prints in Fall colors.

20% Off

Sweaters Entire Regular Price Stock

Fall sweaters from Jamie Scott®, Tiara®, Nuggets®, and others in solids, stripes and patterns. Choose from pullover and cardigan styles including hand knits.

25% Off

RIO® Denim Jeans

Get back to basics with RIO® slim fitting five pocket denim jeans in aqua or navy. Junior sizes 3 to 13.

Sale \$19

Palmetto's® Exposed Buttonfly Denim Jeans Originally \$24

Don't miss the savings on these wardrobe basics. Palmetto's® exposed buttonfly denim jeans in vintage stonewash blue fit the bill. Junior sizes 3 to 13.

Sale \$19

Energy® Knit Stirrup Pants

Entire Regular Price Stock

Belted knit stirrup pants in fashion and basic colors are "must haves." Polyester/cotton/spandex knit. Machine washable.

25% Off

Palmetto's® Belted Twill Pants Regularly \$23

Solve the "what to wear blues" with these pleat front cuffed trousers in fashion and basic colors.

Sale \$18

Men's and Young Men's

Woven Tops

Entire Regular Price Stock

Save on the latest styles of denim and twill shirts from Sha Safari®, Levi's® and others in solid, stripes and plaids.

20% Off

Flannel Shirts

Entire Stock

Great deals on the coziest flannel hooded pullovers from Sha Safari® and others

20% Off

Knit Tops Entire Regular Price Stock

Hurry in for savings on an excellent selection of long sleeve knit tops in crewneck, hooded and collar ruggies. Choose from famous makers like B.U.M.®, Levi's®, Chesterfield® and others.

20% Off

Levi's® 505 Denim Jeans

Build your wardrobe with these straight leg denim jeans in new age bleach and stonewash. These 100% cotton fashion favorites are made in the good of U.S.A. Waist sizes 28 to 40.

Sale \$29



Visit the newest Glik's and enter to WIN the latest in fall fashions. Gals WIN a pair of denim jeans from Levi's®, Lee® and Rio®; woven shirt from Krazy Kat®; or sweater from Jamie Scott®. Guys can WIN denim jeans from Levi's® and Lee®; BUM® Sweatshirt or an Adidas® Burdett Jacket.

Aid

tunities 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.

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

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

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

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

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

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

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

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 scholarships 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 nominees 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.

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).

EIT Review Session Schedule

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

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

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

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

(Sat) October 30
EIT



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have

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available.

Extended Open Hours

Fall 1993:
September 7 - December 12

Mon - Fri 24 hours / day
Midnight - midnight
Saturday 8:00 am - 11:45 pm
Sunday 8:00 am - midnight

Holiday weekends and other times

Mon - Fri 6:00 am - 1:45 am
Saturday 8:00 am - 5:45 pm
Sunday 8:00 am - 1:45 am

Help Desk Available During Posted Hours

Room 104 Math-CS
Email: helpdesk@umr.edu
Phone: 341-HELP (4357)

For Your Safety

A phone is available in Room 104, so call ahead
and make sure the room is open.
Dial 341-HELP (341-4357).

Lab monitors on duty during the late night shift
will escort you to your car in lot 36, if you wish -
Just ask.

week of October 17, 1993

Sun		Oct 17
Mon		Oct 18
Tue	3:30PM Intro to UNIX - OS Basics (Section B) MCS 108	Oct 19
Wed		Oct 20
Thu	3:30PM Intro to UNIX - OS Basics (Section B) MCS 108	Oct 21
Fri		Oct 22
Sat		Oct 23

CRUISE SHIP JOBS!

Students needed! Earn \$2000+ monthly. Summer/holidays/fulltime. World travel. Caribbean, Hawaii, Europe, Mexico. Tour Guides, Gift Shop Sales, Deck Hands, Casino Workers, etc. No experience necessary.
CALL 602-680-4647, Ext. C147.

CONGRATULATIONS!
STEVE WEBER

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COMMITTEE MEMBER
OF THE MONTH - SEPTEMBER**

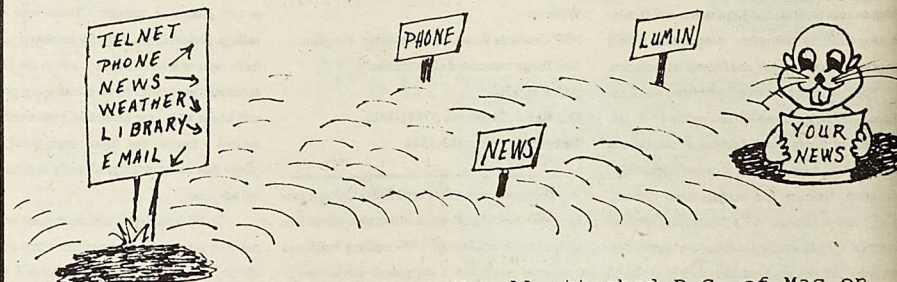
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and
Todd Rastorfer**

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Computing Services

Co-Op

FALL 1993 CO-OP INTERVIEW SCHEDULES
SCHEDULE ADDITIONS POSTED ON UMRINFO AND GOPHER
10/07/93

Company: IBM Corporation
Date of Interview: 11/04
Majors: ELEC CMPS
Minimum GPA: 2.000
Remarks: POSTED FOR SIGN-UPS: THURSDAY, OCTOBER 14, 1993
WORK LOCATIONS: VARIOUS LOCATIONS
START WORK SPRING OR SUMMER 1994

Method: PRS-Open

Company: Midland Brake Company
Date of Interview:
Majors: MECH ELEC
Minimum GPA: 2.950
Remarks: Sign-ups posted: Friday, Oct. 15, 1993
Work location: Kansas City, MO
STUDENTS MUST DEVELOP A COVER LETTER TO BE INCLUDED WITH RESUME.
PLEASE BRING COVER LETTER TO THE CO-OP OFFICE NO LATER THAN OCTOBER 18. MAKE COVER LETTER ATTENTION TO: MR. ROBERT WOODS
INTERVIEW DATE HAS NOT BEEN SCHEDULED YET.

Method: PRS-Open

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

Method: Open

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

Method: PRS-Open

Full-Time Employment

ATLAS WIRELINE
P. O. Box 1407
Houston, TX 77251-1407
Attn: Mr. Greg Barolak

Method: PRSCREEN
Date of Interview: 11/09

SOUTHWESTERN BELL CORPORATION
One Bell Center, Suite 224
St. Louis, MO 63101
Attn: Mr. Gary Oliver

Method: PRSCREEN
Date of Interview: 11/12

Majors: BS-MS, ELEC, BS-MS, MECH, BS-CHEM. ENGR, BS-PETR ENGR, BS-PHYSICS, BS-COMP SCI

Degree Level: B M
Majors: CMPS ELEC EMAN MECH

Grad Dates :
Minimum GPA:
Position Available: Jr. Field Engineer
Position Location: Nationwide

Grad Dates :
Minimum GPA: 2.95
Position Available: Engr. (Manager - Installation Repair, Manager - Maintenance Center, Manager - Network Maintenance) Computer Science (Analyst, Program Analyst)

Pre-Recruitment Meeting: November 8 - 208 Norwood - 6:00
DEADLINE FOR SUBMITTING RESUMES: October 19

Position Location: Various
DEADLINE FOR SUBMITTING RESUMES: October 21

A.B. CHANCE COMPANY
210 North Allen
Centralia, MO 65240
Attn: Mr. Bob Irish/Jim Smith

Method: PRSCREEN
Date of Interview: 11/09

ALLIED SIGNAL - KANSAS CITY
2000 East 85th Street
Kansas City, MO 64141
Attn: Mr. Ben Tate

Method: PRSCREEN
Date of Interview: 11/09

Degree Level: B
Majors: MECH ELEC
Grad Dates :
Minimum GPA:
Position Available: Technical Sales
Position Location: 1-2 years training in Centralia, MO then travel throughout the Continental U.S.

Majors: MS-PhD, PHYSICS BS-ELEC MS-PhD, GEOL MS-MECH
Grad Dates :
Minimum GPA:
Position Available: Various
Position Locations: Kansas City, MO

DEADLINE FOR SUBMITTING RESUMES: October 19

DEADLINE FOR SUBMITTING RESUMES: October 19

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