



10 Apr 1991

The Missouri Miner, April 10, 1991

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Missouri Miner

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

April 10, 1991

Volume 79, Number 26

Twenty pages



University of Missouri system prepares for Jischke's departure

Vice Chancellor Park named interim chancellor

News Services SOURCE

John T. Park, vice chancellor for academic affairs at the University of Missouri-Rolla, has been appointed interim chancellor, effective June 1, 1991, UM System President C. Peter Magrath announced today.

Park will assume the responsibilities of Chancellor Martin C. Jischke, who leaves June 1 to become president of Iowa State University. Park also served as interim chancellor from August 1985 until May 1986, when Jischke succeeded Joseph M. Marchello, who became president of Old Dominion University in Norfolk, Va.

"I am grateful to Dr. Park for his willingness to undertake this significant responsibility," Magrath said. "He has served the Rolla campus ef-

fectively as vice chancellor and we are fortunate to have someone of his caliber and experience step in at this time." Jischke said of the appointment, "I am confident that John Park will do an excellent job as interim chancellor. I have enjoyed working with him over the last five years.

"He possesses excellent leadership skills, and brings a deep commitment to the UM-Rolla campus. The campus will be well-served by John Park's leadership," Jischke said.

Park received his undergraduate degree from Nebraska Wesleyan University in 1956 and a Ph.D. from the University of Nebraska in 1963. He joined Rolla's physics staff in 1964 after completing a National Science Foundation postdoctoral fellowship in London. He became a professor in 1971.

Park was named chairman of the

physics department in 1977. He served in that post until 1983, when he became vice chancellor. He has continued to be active in research since becoming an administrator and is the author of numerous research articles.

Park said, "During Chancellor Jischke's term, the campus has addressed a number of issues and has made significant progress.

"During this interim period I look forward to working with the campus leadership in continuing these efforts toward developing UMR's position as a nationally ranked technological university," Park said.

The search for Jischke's successor will begin in the coming weeks. A committee of faculty, staff, students and UMR supporters will be appointed by Magrath and charged with recommending candidates to lead UMR, one of the nation's top technological and scientific universities.

Search committee formed

News Services SOURCE

University of Missouri System President C. Peter Magrath named a committee to identify candidates to succeed outgoing UM-Rolla Chancellor Martin C. Jischke.

The 15-member committee, which includes UMR faculty, staff, student and alumni leaders, UM System officials and business representatives, will be led by Professor Walter Gajda, chairman of UMR's Department of Electrical Engineering. The panel is charged with developing a list of seven to ten candidates to recommend to Magrath.

"Although we will consider candidates to recommend to Magrath, is a national search," Magrath said. "The committee will aggressively seek the very best prospects to maintain and

further enhance UM-Rolla's reputation for excellence."

Jischke will become president of Iowa State University on June 1. John Park, vice chancellor of academic affairs, will serve as interim chancellor.

The committee members are:

Donald R. Askeland, professor of metallurgical engineering; Colin O. Benjamin, associate professor of engineering management; Thomas M. Coffman, vice chancellor for university advancement; Gerald L. Cohen, professor of German and Russian, philosophy and liberal arts; Al L. Crosbie, professor of mechanical engineering; Walter Eversman, Curators; Professor of aerospace and mechanical engineering; Frances "Dee" Haemmerlie, associate professor of psychology; Vernon Jones, president, The Williams Co.; Leonard Koederitz,

See Search, page 3

Mechanical Engineering department plans on changes

News Services SOURCE

The rapidly changing automobile and truck industry is the driving force behind plans to restructure courses and enhance facilities that are used to teach University of Missouri-Rolla students about internal combustion engines, according to the project director, Dr. James Drallmeier.

"The goal of the project is to introduce lecture topics and laboratory experiences pertaining to current innovations and motivating factors in the engine industry, which in turn will produce students who have knowledge of the equipment and procedures used in industry," explains Drallmeier, an assistant professor of mechanical and aerospace engineering and engineering mechanics at UMR.

"We want to develop a modern engine test facility, which will include a state-of-the-art engine donated by industry, that is comparable to what students will find when they go to work in industry," he adds.

"The laboratory will be sufficiently automated for students to prepare independent study projects," says Drallmeier. "Students will not have to

perform the routine tasks required to run the equipment so they can focus on the data they are gathering.

"The data the students will be collecting includes emissions," he continues. "One of our goals is to have them study how exhaust emissions correlate to different engine parameters, which is an important consideration in the automotive industry.

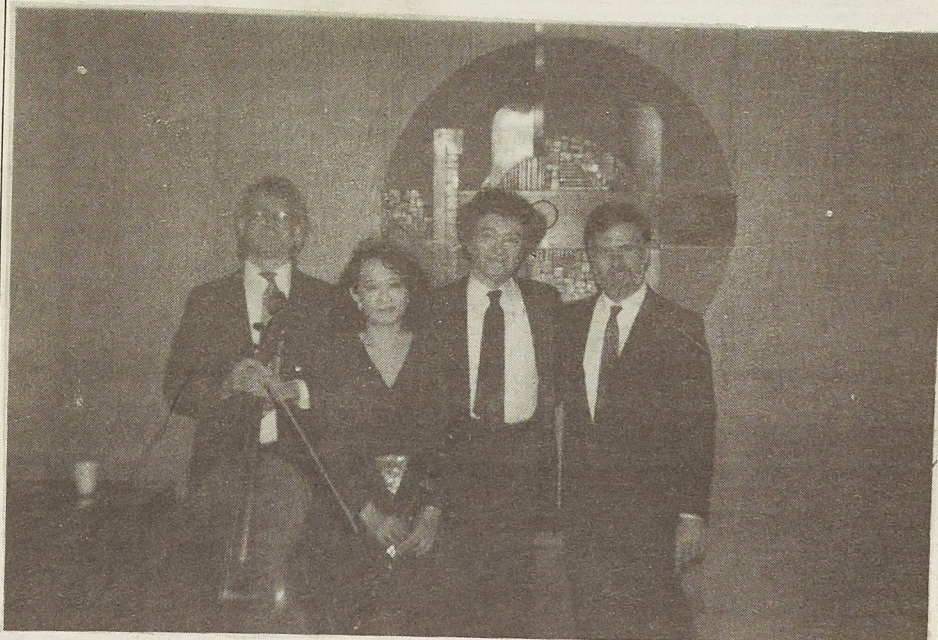
"We hope to continue to develop the facility by expanding it to include more engine test bays and more instructional and research projects," he adds.

The laboratory will be used by students in two mechanical engineering courses — "Mechanical Engineering Systems," a senior-level required course for mechanical engineering students, and "Internal Combustion Engines," an elective course offered every other semester.

"About 90 students enroll each semester in the 'Mechanical Engineering Systems' course, which has a section on internal combustion engines," says Drallmeier. "The 'Internal Combustion Engines' course, offered every other semester, has 35 students

See ME, page 3

Reknowned chamber group performs at UMR



The Aeolian Chamber Players performed at Centennial Hall, March 27.

Kevin Biggers

Calendar of Events

Wednesday

ASCE, CE 114, 7 p.m.

UMR Baseball, Lincoln, 1 p.m. and 3 p.m., UMR baseball field. Free.

Chemical Engineering Seminar, "Fluids in Microporous Media," Eduardo D. Glandt, Chemical Engineering Department, University of Pennsylvania, 4 p.m. Room 125, Schrenk Hall. Free.

Geology and Geophysics Seminar, Graduate Student Talks, Melanie Roberti and Frank Furman, UMR, 4:30 p.m. Room 204 McNutt Hall. Free.

Juggling Club, meeting outside Hockey Puck, at 6 p.m. (Bring clubs, mallets, silverware, checkbooks or whatever else you think can be juggled.) As always beginners are welcome.

Thursday

Presentation by the President of General Motors, Lloyd Ruess, Alumni of UMR, 3-4 p.m., ME 104. Everyone welcome. Sponsored by ASME.

Engineering Education in the Twenty-First Century Lecture, "The NSF Agenda for Science and Engineering Education for the Twenty-First Century," Dr. Luther S. Williams, Assistant Director for Education and Human Resources, National Science Foundation, 7 p.m., Missouri Room, UC-East. Free.

Chemical Engineering Seminar, "Catalytic Oxidation of Chlorinated Organic Compounds in Supercritical Water," Martin Abraham, University of Tulsa, 4 p.m., Room 125, Schrenk Hall. Free.

Friday

The annual University of Missouri-Rolla Greek Week Carnival will be held from 5-9 p.m. Friday, April 19, at Lions Club Park, Highway 63 South, in Rolla.

The event is sponsored by the Interfraternity Council and the Panhellenic Council at the University of Missouri-Rolla.

The Carnival will feature various games of skill and refreshments. All proceeds will be donated to the Rolla Cerebral Palsy School, L.O.V.E., the Rolla Area Sheltered Workshop and the ABLE Commission.

Saturday

UMR Tennis, University of Missouri-St. Louis, 9 a.m., UMR courts. Free.

UMR Tennis, Jefferson College, 12 p.m., UMR courts. Free.

"Bouquet of Madrigals" Dinner Concert Collegium Musicum and actor, Duncan Inches; 5:30 p.m., reception in Miner Lounge; 6:30 p.m., dinner concert by Collegium Musicum, Centennial Hall; 7 p.m., dinner, Centennial Hall; and an after-dinner performance of "A Little Touch of William in the Night," a one-man portrayal of William Shakespeare by Duncan Inches in Centennial Hall. Cost is \$15 per person. Call UMR music office, phone: 341-4185, for information and availability of tickets.

Sunday

AUDUBON OUTING FOR APRIL The April Audubon outing for the Ozark Rivers Chapter will be a wildflower walk along the Big Piney on Sunday afternoon April 14. Carpoolers meet at the northeast corner of Rolla's Kroger parking lot at 1:00 p.m. or the junction of J Highway and Mayfield Rd. at 1:30. For more information contact Lynda Rickards at (314) 364-8567.

Monday

Life Talks, 7:45 p.m., 414 Holtman. Sponsored by Koinonia.

Chemistry Seminar, "How to Establish a Successful High Technology Company," Richard K. Vitek, President and Chief Executive Officer, Fotodyne, New Berlin, Wisconsin, 4:30 p.m., Monsanto Hall (G-3), Schrenk Hall. Free.

The Ninth Yoga Classes will be held on Mondays, April 8, 15, 22, and 29, 1991 at the Grotto, Newburg (MO) from 6:00 - 7:00 p.m. The students will learn yoga postures and meditation.

The Yoga workshops will be conducted on Sundays, April 21 and 28, 1991 from 9:00 - 11:00 a.m. at the Grotto, Newburg (MO). The students will learn PREVENTION TECHNIQUES AGAINST SINUS HEADACHES AND GENERAL CLEANSING OF THE NASAL PASSAGE.

Instructor for the classes and workshops is Dr. Shamsheer Prakash, professor of Civil Engineering, University of Missouri-Rolla. He has conducted similar classes in Australia, Singapore, Japan, India, and many other countries.

The instructions are free except for supplies. For further information, please contact Carol at (314) 762-2036.

Tuesday

Sigma Xi Annual Honor Banquet, "Reconciling Economic growth and Environmental Quality," G. Tracy Mehan III, Director, Missouri Department of Natural Resources, 6:30 p.m., Centennial Hall, UC-East. Tickets for the banquet may be obtained by mail before April 9 by sending a check for \$9.50 per ticket to Burns Hegler, 108 Electrical Engineering Bldg., UMR, Rolla, MO 65401. They also are available by contacting Eva Kisvarsanyi at 364-1752, Dick Hagni at 341-4616, Larry George at 364-4216, Jim Johnson at 341-4375, Amie Visnapuu at 364-3169 or Arlene Keolling at 364-7943.

Next Wednesday

UMR Tennis, Drury College, 3:30 p.m., UMR courts. Free.

Geology and Geophysics Seminar, "Diagenetic Overprints and Porosity Evolution of the Morrowan Sandstone Reservoirs in the Anadarko Basin," Zuhair Al-Shaieg, Oklahoma State University, 4:30 p.m., Room 204 McNutt Hall. Free.

Chemical Engineering Seminar, "Catalytic Oxidation of Chlorinated Organic Compounds in Supercritical Water," Martin Abraham, University of Tulsa, 4 p.m., Room 125, Schrenk Hall. Free.

Today

ATTENTION MAY GRADUATES: Commencement announcements are now available in the Registrar's Office for all graduating students. These announcements are provided by the University at no cost to students who will be graduating on May 11, 1991.

Financial Aid

NAVY ENGINEER Each year the United States Navy selects approximately 300 of the top students in engineering, math, physics and chemistry from around the nation, for its highly prestigious Nuclear Propulsion Officer Candidate program. Minimum qualifications are:

- completed 2 semesters of calculus and calculus based physics
- grade point average of 3.3 or better (3.0 for seniors)
- U.S. Citizenship

Tau Beta Pi, Freshman Scholarship Forms may be picked up at the Financial Aid Office. Qualifications: 1) Must be an undergraduate with 32-64 hours completed in curriculum. 2) should have a cumulative gpa of 3.5. Deadline: April 11, 1991.

THE SCHOLARSHIP FOUNDATION OF ST. LOUIS Qualified applicants who can demonstrate financial need will be considered for an interest-free loan. Applicants must be citizens of the United States or in possession of an Alien Registration Card and permanent residents of St. Louis, St. Louis County, or the Fox C-6, Francis Howell, Orchard Farm or St. Charles school districts. Interest-free loans are awarded in amounts up to \$3,000 per year.

Application deadline is: April 15, 1991.

AMERICAN ELECTROPLATER AND SURFACE FINISHERS SOCIETY SCHOLARSHIP PROGRAMS The American Electroplaters and Surface Finishers Society offers separate scholarships for university or college undergraduates and graduates who demonstrate that their training (or research) is related to plating and surface finishing technologies.

Eligibility for Undergraduate Scholarship Program:

A student may apply for any academic year when he or she will be an undergraduate of at least junior standing in a chemistry, chemical engineering, environmental engineering, metallurgy or material science program where the focus of the curriculum is in surface science subjects.

Eligibility for Graduate Scholarship Program:

A student may be eligible if he or she has completed an accredited undergraduate program and is enrolled in a graduate program leading to a master's or Ph.D. degree.

Award selections will be based on, but not limited to: career interest in surface finishing, scholarship, achievement, motivation and potential. Awards are not necessarily based on financial need.

Deadline is April 15, 1991.

THE HEAVY CONSTRUCTORS ASSOCIATION OF THE GREATER KANSAS CITY AREA The Heavy Constructors Association of Greater

Kansas City is making two scholarships available, each in the amount of \$2,500 for students pursuing careers in construction sciences. Requirements are:

- Shall be full-time students who demonstrate financial aid.
- Preference given to well rounded persons who are upper classmen, to Kansas City area residents, and to sons or daughters of construction employees.
- Applicants will be required to demonstrate their commitment to obtaining careers in construction.
- Recipients will be required to seek summer employment in construction.

Deadline: April 15, 1990

NATIONAL ASSOCIATION OF WOMEN IN CONSTRUCTION ST. LOUIS CHAPTER The St. Louis, Missouri Chapter of the National Association of Women in Construction awards several stipends each year to young women and men pursuing degrees from universities and vocational colleges in fields related to the construction industry. Applications must be postmarked no later than April 15, 1991 to be considered.

Please note that the scholarship does not apply to first year students.

1991-92 ACT/FPS Available The ACT Family financial Statements for the 1991-92 academic year (Fall 1991 and Winter 1992) are available for students in the foyer outside the Student Financial Aid Office (G-1 Parker Hall). This form must be completed in order for a student to be considered for a Pell Grant, College Work Study, Perkins Loan, University Loan, Missouri Grants, the Stafford Student Loan Program, The Income Contingent Loan program and for the PLUS/SLS Loan Program for the 1991-92 academic year.

Program, The Income Contingent Loan program and for the PLUS/SLS Loan Program for the 1991-92 academic year.

ORVILLE REDENBACHER'S SECOND START SCHOLARSHIP PROGRAM Twelve \$1000 scholarships will be made available to qualifying students for the 1991-92 school year under this program. To be eligible for the Orville Redenbacher Second Start Scholarship, students must meet the following criteria:

- be 30 years of older
- be enrolled in a degree program
- be either full-time or part-time students; and
- attend an accredited college or university

Application Deadline: May 1, 1991.

INTEREST FREE LOANS FROM THE SCHOLARSHIP FOUNDATION OF ST. LOUIS Qualified applicants who can demonstrate financial need will be considered for an interest-free loan. Applicants must be citizens of the United States or in possession of an Alien Registration Card and permanent residents of St. Louis, St. Louis County, or the Fox C-6, Francis Howell, Orchard Farm or St. Charles school districts.

Interest-free loans are awarded in amounts up to \$3,000 per year.

Application Deadline is: April 15, 1991.

For more information and applications, contact the Student Financial Aid Office, G-1 Parker Hall.

COUNCIL ON PUBLIC HIGHER EDUCATION FOR MISSOURI COPHE will provide \$1000 scholarships to 10 outstanding students from the state's public four-year colleges and universities who are completing undergraduate preparation for careers as mathematics, biology, chemistry, physics and foreign language teachers at the elementary and secondary levels. Students

intending to become mathematics, science or foreign-language teachers are encouraged to apply. They must have a minimum of 75 college credits. Application Deadline: May 10, 1991.

SUMMER 91 FINANCIAL AID APPLICATIONS Applications for financial aid for the Summer 91 term will be available beginning March 25th, 1991, in the Student Financial Aid Office, G-1 Parker Hall. Deadline to complete an

application for the Summer 91 term in April 19th, 1991.

MISSOURI SOCIETY OF TELEPHONE ENGINEERS The Missouri Society of Telephone Engineers is offering a \$500 scholarship to a student of engineering. Eligibility requirements are: 1) Be a junior or senior student enrolled in good standing in an engineering curriculum leading to a bachelor of science degree. 2) Must have an overall grade point average of 3.0 out of 4.0 (or equivalent) or better. 3) Be a Missouri resident. 4) Submit official and complete application by deadline of April 15, 1991.

ROLLA LIONS CLUB The Rolla Lions Club will be offering scholarships to students who meet the following qualifications:

- Must be a Rolla resident (Phelps and adjacent counties).
- Must have been enrolled at UMR for at least one year.
- Must have a GPA of 3.0 or better.
- Must be a full-time student.

Deadline is April 26, 1991. Completed applications to be turned in to the Student Financial Aid office, G-1 Parker Hall.

For more information and applications pertaining to the above, contact the Student Financial Aid office, G-1 Parker Hall.

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.

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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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Study shows computers do not improve writing

News Services
SOURCE

Ronald T. Kellogg may have some bad news for the people who think computers will improve their writing.

In a recent study on computers and their influence on the writing process, Kellogg, chairman of the University of Missouri-Rolla's psychology department, found that people who write with computers devote more effort to writing and edit their work differently than those who write in longhand. But those who use computers aren't better writers as a result.

"The word processor was portrayed as something that would revolutionize writing," Kellogg says. "It does change the nature of writing, but it doesn't change the product."

Kellogg has been looking into the way people put thoughts into print for several years now. The study of writing offers him and other psychologist vital insights into how people think, he says, "because writing is a way of expressing your thinking— even improving your thinking."

In his most recent study, Kellogg considered the role computers play into the writing process and sought to find out whether they enhanced or hindered the quality of his participants' writing. "I wanted to see not just what the tool does for the product (the finished essay) but also what the tool does for the process," he says.

In two separate experiments, Kellogg had 101 UMR students compose essays in one 30 minute sitting. Half of the subjects used computers while the other half composed hand-written essays. In one of the experiments, the students using computers were divided into two categories: novice and experienced. This was done to see whether students used to composing on computers wrote any better than novices.

During the experiments the students were regularly interrupted to note whether they were at that moment engaged in some form of planning, writing or revising the essay. Those students who wrote on computers also filled out a questionnaire designed to gauge their attitudes about

using a computer, and all subjects of the experiment responded to a questionnaire that asked about their writing process and their final product.

Judges rated the essays for content and style by using the standards of organization, rhetoric, grammar and punctuation "similar to what English teachers have used to judge essays for years," says Kellogg.

Both experiments yielded the same results: The computer as a writing tool "restructures the process of writing but fails to amplify writing performance." The writer who had extensive computer experience wrote better essays than the novices, but their work was no better than those who wrote in longhand, according to Kellogg's research.

The computer's restructuring effects on writing were "consistent and compelling," Kellogg says. Those writing with computers spent more mental effort planning and reviewing their documents than the students who wrote hand-written essays. The effort spent "translating," or putting ideas into written words, varied little.

"The computer requires much

more cognitive effort than longhand in the planning process," Kellogg says, "and it restructures how writers allocate their attention."

The way students reviewed their work on the computer also differed from their pen-and-paper counterparts, Kellogg notes.

Those who composed on computers spent more time on "local editing"— correction of a single word, phrase or sentence. They also tended to edit their documents before they had completed a rough draft.

While word processors don't enhance writing quality, Kellogg says "idea processors"— computer programs designed to help writers generate ideas and better organize their thoughts — may. Examples of such aids include outlining and "clustering" programs and software designed to prompt writers by asking them questions about the topic they choose to write about.

Kellogg has done some research into the use of idea processors but says no one has thoroughly evaluated how effective they are in helping writers.

ME from page 1

enrolled this semester. Some students had to be turned away because they could not be accommodated."

Support for the project is provided by UMR's mechanical and aerospace engineering and engineering mechanics department and the National Science Foundation.

Search from page 1

professor and head of petroleum engineering; Bob Patterson, president of the UMR alumni association and president of Show Me Inc.; Luke Peterson, president of the UMR Student Council; Jim C. Pogue, Associate professor of English; William Rutledge, retired chief operating officer, Emerson Electric Co.; Arvah Strickland, associate vice president for academic affairs, UM System.



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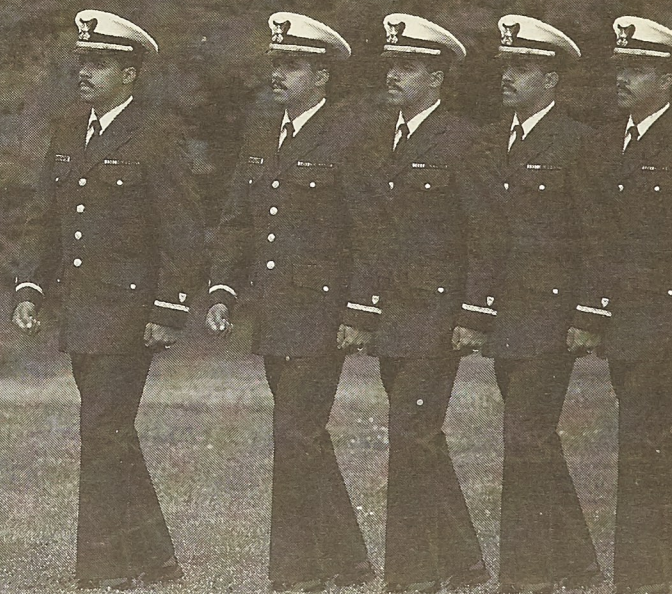
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Letters to the Editor

EPA seeks concerned chancellor

Dear Editor,

We, the members of the University of Missouri-Rolla's Environmental Protection Advocates, would like to bring forth a topic that is vital to everyone on this campus. The search for a new chancellor is just beginning, and we hope that the members of the selection committee will attempt to select an individual who is concerned with issues regarding the environment. Although there are many requirements the new chancellor must meet, the selection of a chancellor that is concerned with environmental issues is crucial to this campus. Since many graduates from UMR go on to become prominent in companies throughout the nation, and even the world, the chancellor of this school can be an extremely influential person. One topic that demands the immediate attention of industries throughout the world is the condition of our environment. From the mining of raw materials to the packaging of final products, decisions are made everyday that are critical to the condition of the natural world. Every graduate of UMR is involved in making decisions such as these, and this school should help prepare them by providing the education they will need to make intelligent decisions. The place to start is with the selection of a chancellor who will help the students obtain the knowledge required for their future jobs.

Disgruntled by Lambda Sigma Pi

Dear Editor,

I'm writing in response to a letter that appeared a few weeks ago about a new service organization called Lambda Sigma Pi. I'm assuming this explanation letter was in response to the classifieds that appeared the previous week. I consider myself a service oriented person. I currently belong to several service organizations and was interested, after reading the letter to the editor, in learning more about this organization. I must say I'm not pleased with what I have learned. First of all the letter stated that very close friendships have formed that wouldn't have formed otherwise. How could this be? After questioning about the organization I learned that almost all of the members are already in an organization together—Panhellenic. The letter also stated "our projects" (plural) "have been successful" after questioning

I learned of only one project and it was last fall.

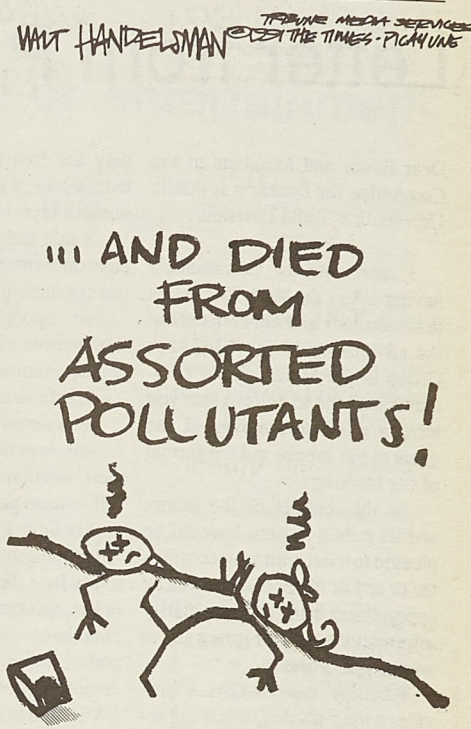
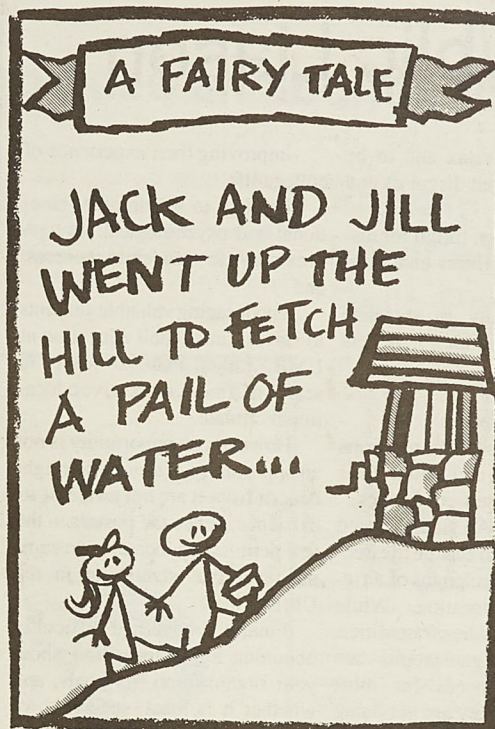
These young ladies, women as they called themselves had a "rush" gathering a few weeks ago which involved rolling around in the mud, making each other drink, writing on each others faces, and the clincher: telling each other their favorite sexual positions.

And then there is the question: Can anyone join? Sure if you can get past the interview. Who knows what personal secrets you must divulge there.

Being a young woman on this campus that fully supports service organizations and plans to be involved in as many as possible during my few years left at UMR I am appalled by the unlady-like actions of the is group.

Sincerely,

Looking for a respectable organization



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Bi-Gala Speaks Out

Letter from Public Liason

Dear Editor and Members of the Committee for Decency at Public Universities- Rolla Division:

I appreciate the Committee's having taken the time to express their opinions and concerns about the advertising of the BI-GALA Group in the Miner. Your comments lead me to believe that you have a misunderstanding of the goals of our group, and the format of our meetings.

As the founder of the group, and its public liaison, I would be pleased to meet with your committee or any of its representatives by appointment in my office to clarify information about the group and to answer questions.

I believe that BI-GALA provides a long-needed, much-appreciated opportunity to UMR students, as well as to the general community. While other minorities on this campus and in our area are able to identify one another by appearance, accent, customs, religious symbolism or a simple inquiry, Gays, Lesbians and Bi-sexual cannot, because of the very real fear of discrimination, persecution and physical harm by homophobic members of the campus and the community.

As a result, this one minority has great difficulty finding:

-a community among whom

they are free to relax and to be themselves, without disguises and without fear

-a safe and open forum for discussion, without filters and without censorship

-an opportunity to socialize with people of similar beliefs and orientation

-a safe listener

-emotional support

-an experience that reaffirms their worthiness and builds their self-esteem and self-confidence.

I believe that All students need All of the above to be able to effectively face the challenges of a rigorous college education. While churches, sororities/fraternities, and campus organizations are meeting these needs for most UMR students, they are not doing so for UMR's Gay men, Lesbians, and Bi-sexuals. Although UMR students have been interested in forming a Gay student organization, they have been effectively prevented from doing so by the university requirements that officers' names be made public, and that membership lists be kept by the student activities office and be made available to faculty at the discretion of the student activities office.

Therefore, I believe that BI-Gala is providing a much needed service to this minority on campus:

-improving their experience of college life

-helping to ensure the emotional and psychological strength necessary to academic success, and

-encouraging valuable students to stay to finish their education at UMR, rather than to leave in search of a more supportive educational climate.

However, an opportunity is not an opportunity, if those who might benefit from it are not aware of its existence, hence the posters in the few permissible locations on campus, and the advertising in the UMR Miner.

Finally, I have had difficulty obtaining any information about your organization, its goals, and whether it is local, statewide, or national in scope. I would appreciate your sending me a brochure to me at P.O. Box 1252, Rolla, so that I can learn more. Thanks!

Sincerely,

Wendy Pelton, MA, LPC
Founder of & Public Liaison for BI-GALA

P.S. It should be noted that a person's sexual orientation is not a preference nor a choice, neither is any particular sexual orientation illegal.

Letter from members

The members of Bi-Gala are writing this letter in response to the letter by the "Committee for Decency at Public Universities—Rolla Division" which has not been available for face-to-face response neither appearing in local phone listings or being listed with the Missouri Department of State. In this letter we don't dispute the existence of state law listing sodomy as illegal, but we feel there is a misunderstanding about the nature of homosexuality and of Bi-Gala. Gayness, lesbianism, and bisexuality are far more than the sexual act of sodomy which may or may not exist in our relationships. For if this was the only aspect involved these three groups would have less in common than the straight majority. Instead what we share and seek support for is the common experience of social

judgement by groups such as the aforementioned "committee". This unwarranted judgement stems from lack of understanding and stereotypical generalizations. We are not more sexually promiscuous than the straight majority, especially in the face of the AIDS epidemic. We are not mentally ill. Homosexuality was removed from the American Psychiatric Association's list of mental disorders over a decade and a half ago. Homosexuals are not a small minority, since research indicates that we make up about 10% of the population, approximately equal to the number of black Americans. Homosexual relationships are more than sexual encounters. Research in 1983 by Blumstein and Schwartz showed that the great majority of gay men tend to form long-lasting, affectionate re-

lationships, and lesbians generally maintain even more stable relationships than heterosexuals.

We thank you for taking time to read our response and hope you better understand homosexuality. It is only through better understanding that gays and straights will learn to live in harmony. For further information homosexuality or the Bi-Gala group our representative is glad to talk with you at 364-1717.

Thank you,
10 student members and 7 local members of Bi-Gala

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PAINT LIKE YOU'VE
NEVER PAINTED
BEFORE!**

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**TJ TUNNEL PAINTING
CONTEST**

**Cash Prizes for
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Place: UMR Bookstore**

Meet with your Jostens representative for full details. See our complete ring selection on display in your college bookstore.

Features

The Student Union Board provides an abundance of entertainment

April Fool's Comedy Series to be presented

SUB SOURCE

The Student Union Board is proud to present the 4th Annual April Fool's Comedy Series featuring the comic styling of Taylor Mason, Scott Jones, and Walli Collins.

A Man! A puppet! A Piano! Taylor Mason starts of the Comedy Series with his return visit to UMR on April 11th. Entertaining audiences with a sharp combination of stand-up, original musical comedy and expert ventriloquism, Mason began his career with the Second City Theatre and has performed in more than 200 comedy clubs and at more than 500 college campuses across the U.S. Mason's television appearances include "Good Morning America," "Evening at the Improv," Showtime's "Comedy on Campus" and won the 1991 Comedian of the Year title.

The Comedy series continues with Scott Jones on April 18th. Jones' the "elvis bunyan tour" includes stand-up comedy, a slide presentation of silly signs (a bizarre collection of signs from the Twilight Zone, Foods that should never be eaten, Things people put on their lawn and other topics),

musical comedy, exotic toys and rubber devices has been featured in over a thousand shows.

The final performance is made by Walli Collins on April 25. His material is a slice of everyday life presented in an original, contemporary format,

appeared with acts such as M.C. Hammer, Jerry Seinfeld, and Sam Kinison. He has also been featured on Showtime at the Apollo and has been honored as a "MTV Stand Out Stand Up."



unlike that of any other act. Collin's performances combine an energy and acting ability that allows his audiences the opportunity to experience, as well as, be part of his world. Collins has performed across the country and has

If you missed the first 2 shows, don't miss the third, it could be your last chance to laugh before finals.

All shows to be held at 8:00 p.m. in the UCE-Cafeteria.

Prepare for the Escape from Rolla Party

SUB SOURCE

Imagine a place, far from the inclement Black Hole. Where people wear next to nothing and have never heard of an integral. Imagine miles of sand next to a really BIG body of water. Now imagine yourself in the midst of this tropical paradise. This could all come true if you come to the ESCAPE FROM ROLLA party on Friday, April 19 at the Miner Recreation Building. And that's no April Fool's joke.

Features of the suitcase beach party, ESCAPE FROM ROLLA, include:

- Sandcastle building contest (start 1-2 p.m.) 2/team, no team limit, judging at 3:00 p.m.

- Sand volleyball tournament (start at 3:30 p.m.)

- 4/team, limit 12 teams *sign up for volleyball and sandcastles in SUB office before April 19.

- On the Loose open house, YOUR outdoor equipment rental facility, come see what it's all about! (all day)

- Refreshments provided, YUMMY.

- More contests and More prizes,

Prizes Prizes, Prize!

(genuine limited edition of SUB "ESCAPE" towels and tank tops)

- Dance and Boogie to the HOT hip hop group INN-O-VATION concert begins at 8:00 in Miner Recreation.

AND IF THAT'S NOT ENOUGH THERE'S MORE!

- Chance to win an all expense paid trip to St. Petersburg, FL.

Wow! Golly! What's that you

say? A trip to Florida? Yes that's right, the evening of April 19 you and a guest could on your way to St. Petersburg. What YOU need to do is top by the SUB office to get your winning ticket, then come to the Escape from Rolla Party on Friday, April 19 with your packed suitcase. Sometime during the course of the day one name will be drawn and that person and a guest will be whisked into a waiting car that will immediately start them on their Florida getaway. In St. Petersburg, the winners will enjoy the hospitality of the luxurious West Coast Marriott and find plenty of opportunities to spend their \$200 cash award.

Keep your calendars open on Friday, April 19 for the greatest beach weekend trip giveaway ever.

Dr. McDonald to speak at Last Lecture Series

Wesley Foundation SOURCE

Dr. H.O. McDonald, Professor of Chemistry, University of Missouri-Rolla, will be the guest speaker in the "Last Lecture Series" at the Wesley Foundation, 8th and Main, April 17, 6:00 p.m. The title of his lecture is "Cut Flower Generation"—A Chemist Views Christian Responsibility.

Born in Casper, Wyoming, Dr. McDonald attended public school primarily in Sedalia, MO and received the A.B. degree from Central Methodist College in Fayette, MO. In addition, he received the M.S. degree from University of Arkansas, all in chemistry. He first came to UMR in September, 1963; he has also held professional positions at Texas State College and Louisiana State University.

Dr. McDonald is involved in numerous professional associations



Wesley Foundation

Dr. H.O. McDonald, UMR Professor of Chemistry

including the Royal Society of Chemistry, American Chemical Society, and the following fraternities: Sigma Xi, Phi Lambda Epsilon, Kerasmos, Kappa Mu Epsilon, and Phi Eta Sigma.

The Last Lecture Series is sponsored each semester by Wesley Foundation, the ecumenical student center at UMR. UMR Professors are asked to speak as if it were their "last"

lecture.....and therefore to address issues and concerns which they believe are of major importance, and to say what they believe needs to be said as if they could not speak again.

Other faculty who have participated include Dr. Elizabeth Cummins, Dr. Wayne Cogell, Dr. Del Ray, Dr. X. B. Reed, Jr., Dr. Ron Kellogg and Dr. Martin C. Jischke.

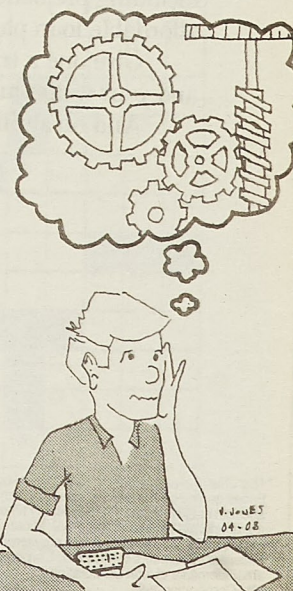
Campus and community are invited to hear Dr. McDonald Wednesday evening, April 17, 6:00 p.m. For more information call Wesley Foundation, 364-1061.

Mark Quisenberry wins first IEEE car design contest

IEEE SOURCE

Mark Quisenberry won the first IEEE Design contest held at the UMR student subsection on Friday, March 22, from 1:00 to 5:00 p.m. Seven teams participated in the contest to design a car. Second place went to the team of Brian Berlemer and Bill Brown. The designs were judged on operation, cost-efficiency, and documentation. The UMR IEEE student subsections plans to make the design contest a semiannual event.

The students from UMR plan to attend the Region 5 IEEE Design contest in Laramie, Wyoming on April 13. Brian Griffen and Darren Melton will participate in a design contest similar to the one held UMR. The regional contest will last eight hours. The top ten teams will receive a Hewlett-Packard hand-held digital multimeter. The runners-up will receive Texas Instruments calculators.



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Memory	1MB	1MB	2MB	2MB	2MB	4MB	4MB
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3.5-inch diskette drive	1.44MB	1.44MB	1.44MB	1.44MB	1.44MB	1.44MB	1.44MB
Fixed disk drive	30MB	30MB	30MB	60MB	60MB	60MB	60MB
Micro Channel® architecture	No	No	Yes	Yes	Yes	Yes	Yes
Display	8512 Color	8513 Color	8513 Color	8515 Color	8515 Color	8515 Color	8515 Color
Mouse	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Software	DOS 4.0 Microsoft® Windows™ 3.0	DOS 4.0 Microsoft Windows 3.0 Microsoft Word for Windows**** hDC Windows Utilities*** ZSoft SoftType™****	DOS 4.0 Microsoft Windows 3.0 Microsoft Word for Windows** hDC Windows Utilities** ZSoft SoftType***	DOS 4.0 Microsoft Windows 3.0	DOS 4.0 Microsoft Windows 3.0 Microsoft Word for Windows** Microsoft Excel™*** hDC Windows Utilities** ZSoft SoftType***	DOS 4.0 Microsoft Windows 3.0	DOS 4.0 Microsoft Windows 3.0 Microsoft Word for Windows** Microsoft Excel** hDC Windows Utilities** ZSoft SoftType***
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Classifieds

Miscellaneous

Dr. Joseph Manning, assistant professor of computer science at UMR will speak on "North-ern Ireland: the Troubles and Prospects for Peace" at 7:00 p.m. on Wednesday, April 10, 1991 in the Mark Twain Room, University Center East, UMR Campus. This event is free and open to the public.

Going to summer school? Need a place to stay? For rent, a two bedroom furnished apart-ment with A/C, washer and dryer, dishwasher, free cable TV. Only 3 blocks from campus and only \$300 per month. Interested? Call 341-8346.

Personals

Boner & Ben,
Find anymore shillelaghs in your racks lately?

The two KA groupies

Tarpley,
Take Me!! I'm yours!

Love -n- kisses
Barbie

Buckyboy,
Super buck, Bucky....Bucky....Bucky.....
Happy 21st B-day.

SUB-bites

Jeff,
I'll blow out your b-day candle(s) anytime.

Love,
SUB ME

To a KA dude,
I think that you're pretty cool and.....
Lake Huron

W,
I don't know about you! Perhaps some night I will climb into your window and we can watch a raunchy movie!

K.P.

Craig,
How's your blue jean factory?
Voo-lah & Gee Whiz

Hey Krissy,
Look ! Your name is in the Miner!!
Hee Hee

Krissy,
Fooba says Hi and GRIZwald says to stop being such a gloomy person all the time!!
Hee Hee

Slink & Lumpy,
How about a good game of hit the damn ball?
Start getting drunk ok?
the Two KA groupies

Roger,
We better start practicing for the slippery when wet idodessy! You know what I mean!

Tobis,
You are a great Big Brother and a terrific coach. Thanks for all the help.

Love,
YLS

Ken,
Have you shocked Beer today?
The Windo peepers

Meat,
Thanks a bunch for the sweatshirt! You are an awesome lil' bro.

YBS

To KD in the front row of Robertson's Chem 3 Class,
Gentleman in the same class is being dis-tracted from the subject by your beauty.

Still interested

Don't think that your relationship is that great because I slept with your boyfriend.

D.O.E.,
Get ready for softball! I wanna win!

Sigma Pi,
Great job over St. Pat's.

Don't be so easily seduced!

All that crying is an act!

Stud Muffin,
I hope I survive Spring Break!

Babydoll

The Players are back,
They'll make their buck.
Don't worry about the A's
The really suck.

The Cards are here,
And that's about all one can say.
Who's this guy named Smith?
And where does he play?

What about the All-Star game?
Who will it be?

I'm not quite sure,
But give Nolan Ryan the MVP.

Will the A's make it back?
Even with Jose and Little Rick?
They've got their heads in the clouds
And they can suck my *****!

I won't get into profanity,
Or cuss at y'all.

I'm just glad to hear them saying:
"Let's play ball!"

Down, not , to bat.



Bucket,
For the last time, the Black Crows suck! Just for the record so does music without words!
Monkey Shockers

We miss those good ol' days. You guys should come around more often!
The girls

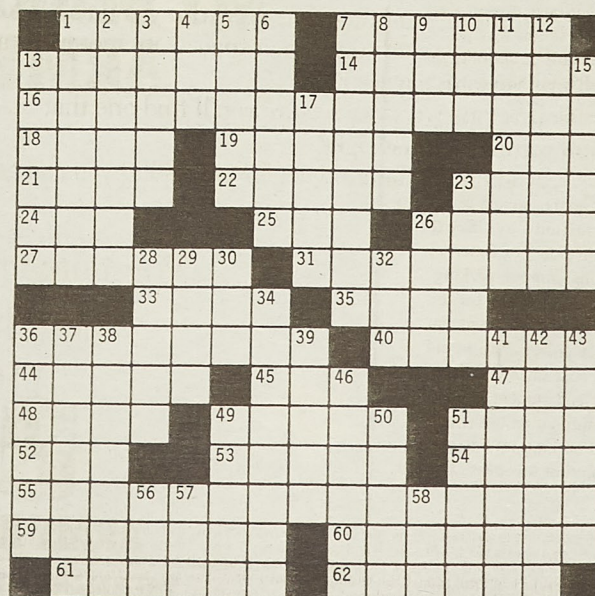
collegiate crossword

ACROSS

- 1 Capital of Mali
- 7 More humongous
- 13 Very evil or very brilliant
- 14 Made use of
- 16 Comprehensive cross-section (4 wds.)
- 18 House plant
- 19 Atoll
- 20 Lunar New Year
- 21 Baba and MacGraw
- 22 Bobby of Black Panther fame
- 23 Fateful
- 24 Character in "Little Women"
- 25 Singer Sumac
- 26 More contemptible
- 27 Undermines
- 31 Slow musical movements
- 33 Fraternal organiza-tion
- 35 Dutch actor Philip
- 36 Social goal
- 40 Bottomless pits
- 44 Novelist H.H.
- 45 Soak
- 47 Lamprey
- 48 Orthodontist's concern
- 49 Barbara Eden portrayal
- 51 Actress Powers
- 52 Chemical prefix
- 53 Assessed
- 54 Ardor
- 55 Sinatra movie (3 wds.)
- 59 Daughter of Atlas
- 60 E.P.A. concern
- 61 " for Tele-vision"
- 62 Work with meat
- 11 Snob, in a way
- 12 Sports employee
- 13 Asperse
- 15 Hinders
- 17 Andean grazer
- 23 " Boy"
- 26 Snide remark
- 28 "The Wreck of the Mary"
- 29 Cockney greeting
- 30 What Franz Klammer can do
- 32 good deed
- 34 Cascaded
- 36 Raise letters on a surface
- 37 He loved Dulcinea
- 38 Wild
- 39 Matchmaker in "Fid-dler on the Roof"
- 41 Manatee's relative (2 wds.)
- 42 Incongruous mixture
- 43 Jargonish
- 46 In levels
- 49 Raisin-to-be
- 50 Draw out
- 51 Park of Edison fame
- 56 Gad's son
- 57 Tent fixture
- 58 Hill

DOWN

- 1 Tool for chamfer-ing
- 2 Explorer Vespucci
- 3 A.M.'s
- 4 Unspecified amount
- 5 Waddling birds
- 6 "Purple Dust" play-wright
- 7 City in central Florida
- 8 Get of con-fidence
- 9 Actor Vallone
- 10 Hodges of baseball



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Solution on Page 10

Student Council reports on the last meeting Solutions

STUCO SOURCE

The Student Council meeting of March 19 was the most interesting meetings of the year, and it contained some of the longest debates over single issues in recent memory.

The officer reports included an announcement that Stuco now has an electronic mail account available for use as a "suggestion box". If you wish to get a message to Student Council about any issue that concerns students, just use "STUCO" as the userid and send us a message.

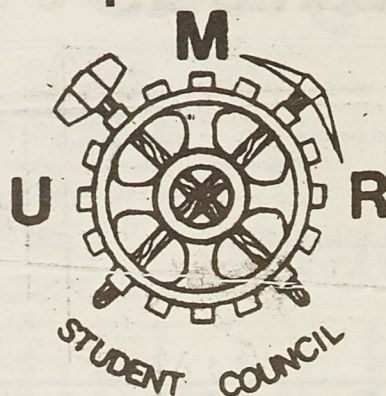
During the Student Issues session, the Sophomore Live-In rule was again brought up, and it was suggested that we again voice our opposition to it in the light of the proposed tuition increases.

The first action item was a resolution asking that instructors be required to provide a classes syllabus that lists the text to be used, the grading policies, and a brief outline of the course, along with a few other items. This resolution passed easily.

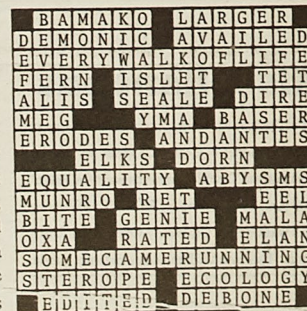
The second item discussed was a resolution written in regard to the e Campus Posting Policy. The resolution states an opposition to the policy of not allowing fliers or banners to mention any type of alcohol or publicize "all-campus" parties. The resolution also suggested that Student Council be allowed to oversee the policies enforced by Student Activities. Student Activities currently regulates any material posted on campus. There was considerable opposition to this resolution as written, and action was postponed on it until an ad-hoc committee could be set up to discuss the issue and make a recommendation.

The next item on the agenda was a resolution submitted by Scott Maycock, Vice-President of External Affairs, concerning campus parking. A new policy is in the works for the campus, and this resolution stated that we supported the policy that would include: 1) No cost differential between employee and student parking fees, and 2) a continuation of the current color-coded parking lot designations. This resolution was passed.

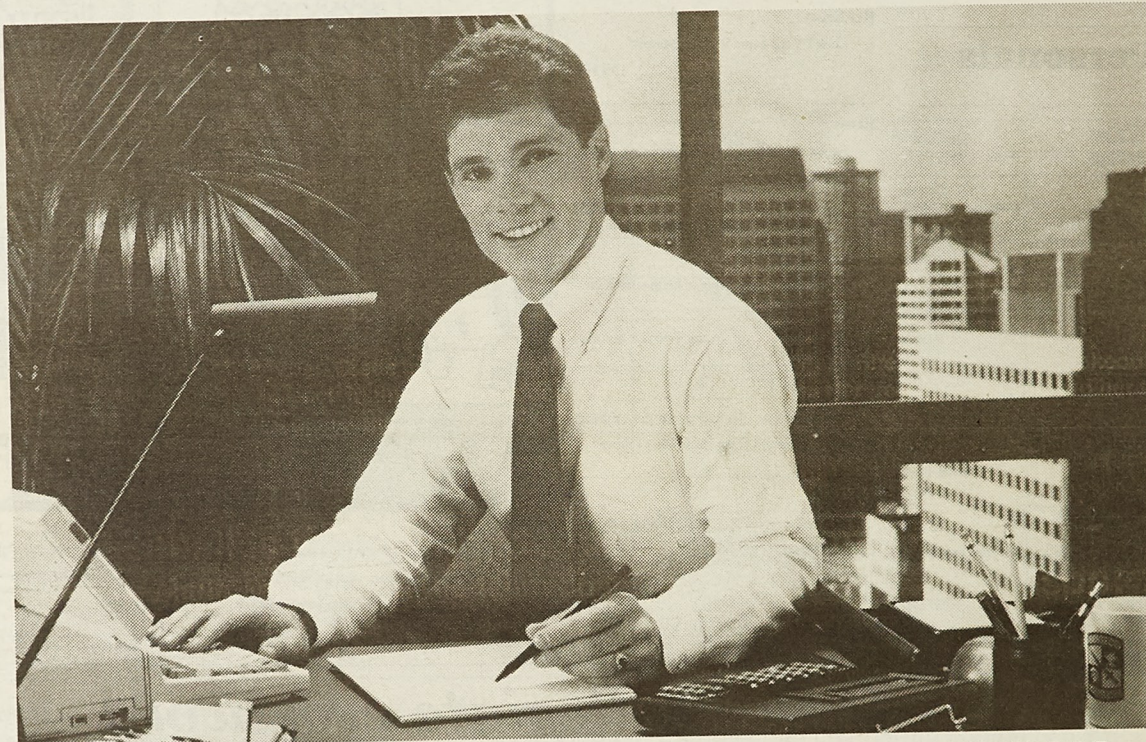
After the action items, the Council elected its officers for next year. Congratulations to Luke Peterson, Scott Maycock, and Eric Matlock,



who were re-elected to their current positions of President, Vice-President of External Affairs, and Vice-President of Internal Affairs, respectively. The new officers were also elected. Jennifer McGee was elected Treasurer, and Laura Ledgerwood is the new recorder. The Council wishes to thank this year's officers, Luke Peterson, Scott Maycock, Eric Matlock, Ronald Paltz, Ellen Brown, for doing such a great job, and we can only hope that the next year will be as successful as this one.



RESERVE OFFICERS' TRAINING CORPS



MY DEGREE GOT ME THE INTERVIEW. ARMY ROTC GOT ME THE JOB.

Things got pretty competitive for this job. I'm sure my college degree and good grades kept me in the running. But in the end it was the leadership and management experience I got through Army ROTC that won them over.

Army ROTC taught me responsibility, self-discipline and leadership. Those are things you just can't learn from a textbook.

I don't know where I'd be right now if I hadn't enrolled in Army ROTC, but I do know one thing for sure...I wouldn't be here.



ARMY ROTC

THE SMARTEST COLLEGE
COURSE YOU CAN TAKE.

For more information contact
Major Scott McWilliams
310 Harris Hall or call 341-4738

Ozark Actors Theatre presents *Love and Laughter*

Ozark Actors Theatre SOURCE

The Ozark Actors Theatre Spring benefit, *LOVE & LAUGHTER—THE SONGS OF STEPHEN SONDHEIM*, will be presented on Thursday, April 11, Friday, April 12, and Saturday, April 13, at 8:00 p.m. at Cedar Street Center in Rolla (Seventh and Cedar Streets).

LOVE AND LAUGHTER will be a cabaret-style review of hit songs from many of the shows with either words or music by Stephen Sondheim, such as the musicals *WEST SIDE STORY*, *COMPANY*, *A FUNNY THING HAPPENED ON THE WAY TO THE FORUM*, *GYPSY*.



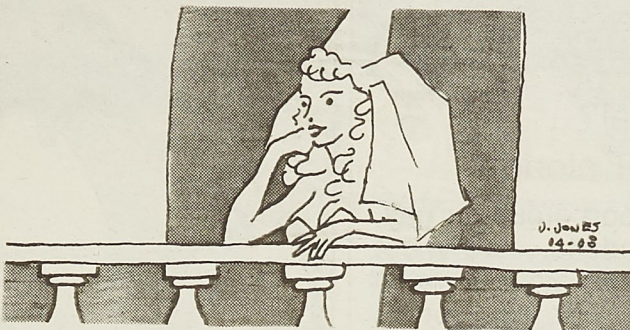
J. JONES
14-08

SWEENEY TODD, INTO THE WOODS, FOLLIES, AND A LITTLE NIGHT MUSIC. The cast will feature Rebecca Barber and Bethany Barr, both of St. Louis, and Dr. Brad Liebl, of Cleveland. Area audiences may remember Dr. Liebl from his concert last May at the Blue Heron Rookery Restaurant.

Tickets for *LOVE AND LAUGHTER* are general admission seating and may be reserved by calling the Ozark Actors Theatre at 364-9523 or contacting any O.A.T. Board member. Tickets will also be available beginning Monday, April 1 at the following stores in Rolla: Forum Cleaners, 1107

Hauck Drive, Lenox Books & Music, 708 Pine, Rolla Bus Center, 1807 N. Bishop, Kent Stained Glass, 110 W. 8th, and A Slice of Pie, 601 Kingshighway. Benefit tickets are \$8 adult, \$6 senior (60 and over) and \$4 student (college students and younger), and all proceeds will go towards O.A.T.'s 1991 summer season.

The Thursday, April 11 performance of *LOVE AND LAUGHTER* will be preceded by a benefit gala, *OVERTURE*, a epicurean de-



light of cheeses of the world accompanied by a variety of wines. *OVERTURE* will begin at 6:00 p.m. in the library of the Episcopal Church of Rolla (10th and Main Streets). Tickets for the gala are \$7 each and should be reserved in advance by calling 364-9523; \$15 per person or \$30 per couple pays for the entire evening of the wine and cheese gala and the show at the Cedar Street Center.

For further information or to reserve benefit tickets please call O.A.T. at 364-9523.

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MANHATTAN DESIGN

Bi-Gala



Are you gay,
lesbian, or
bisexual?



You are NOT alone!

Bi-Gala is a social/support group for gay, lesbian and bisexual adults. We meet every two weeks to have dinner, watch movies, or just talk. For everyone's protection, group meeting times and locations are confidential.

For more information, call Wendy Pelton at 364-1717. Leave a message and she will return your call.

ALL YOU CAN EAT

\$4.99 Sunday Special after 5 PM

Breaded Shrimp
includes fries, slaw, hush puppies

Just show your UMR ID
Plus Daily 10% Discount

For UMR Students*
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* offer not valid with other coupons or discounts



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MO. HIGHWAY AND TRANSPORTATION DEPT.

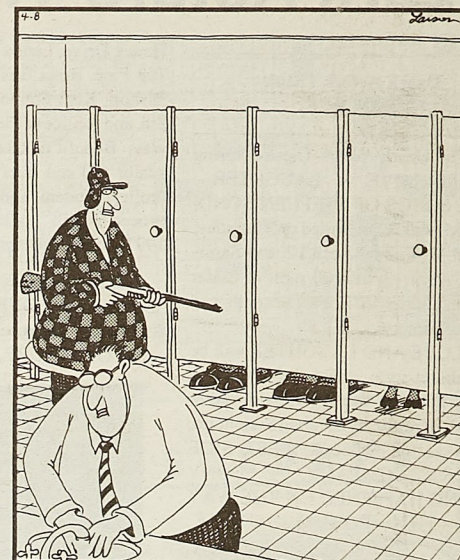
has summer job opening for CE and Comp Sci students who are in their Junior or above. Students applying for the job must know the BASIC programming language. Work begins in mid-May, goes through August, and pays \$7.00 per hour. Students would be working in the Information systems Division in Jefferson City. Please contact Mel Gardner at (314)751-2062 between 7:30 & 4:00 p.m. if you are interested.

THE FAR SIDE

By GARY LARSON



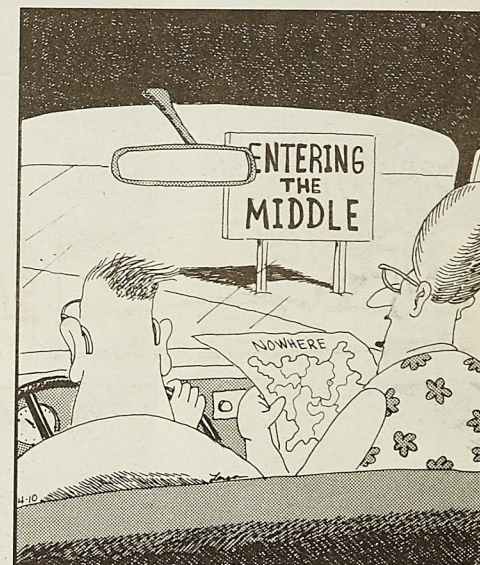
"Well, I've got your final grades ready, although I'm afraid not everyone here will be moving up."



His rifle poised, Gus burst through the door, stopped, and listened. Nothing but the gentle sound of running water and the rustling of magazines could be heard. The trail, apparently, had been false.



Early but unsuccessful practical jokes



"Well, this is just going from bad to worse."



"Curse you, Ahmad! This is a picnic lunch, and I specifically asked you not to bring your work with you!"

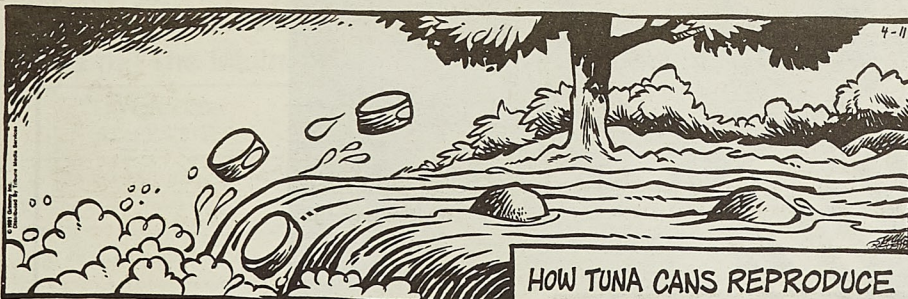
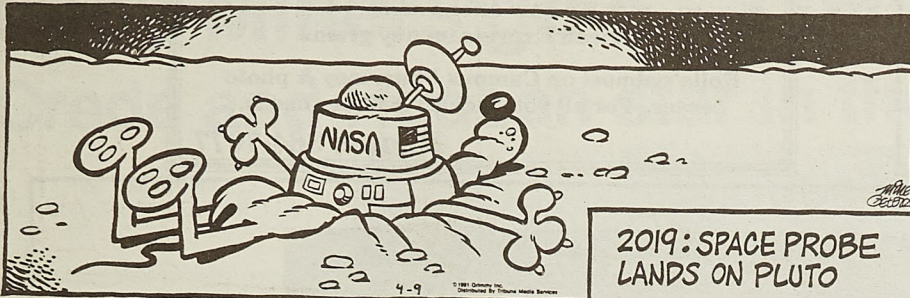


"Just ignore him. That's our rebellious young calf Matthew — he's into wearing leather clothes just for the shock value."



Mother Goose & GRIMM

by Mike Peters



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**Student Union Board
April Fool's Comedy Series
Taylor Mason**

Date: April 11
Place: UCE Cafeteria
Time: 8:00 p.m.
Admission Charge: Free w/ UMR ID

Sports

Lady Miners go 6 - 3 over Spring Break Crede and Hudson star in their six victories

By Tom Brown
ASST. SPORTS EDITOR

The Lady Miners softball team is struggling through the middle part of the season, but Coach Tina Costello's squad is getting the experience needed for the conference tournament.

The softball team struggled in two tournaments over the break in which they went 1-3 this past weekend in Joplin and 2-3 in the MIAA Round Robin Tournament held in Pittsburg Kansas. "These tournaments are good experience for the conference tournament. The girls need to get used to playing three games in the middle of the day," said Costello.

This last week the Lady Miners were 6-3 which featured a 6 games win streak. The wins included victories over MIAA foes Lincoln and Northeast Missouri State, both of which were double headers.

Two players were singled out for their performances this past week. Firstbaseman Elle Hudson was named MIAA player of the week and pitcher



Brett Goodman

Jen Crede improves her record to 11 - 7 for the year. She is averaging a strikeout for each inning pitched thus far this year with 89 K's. Her performance allowed her to be named the SELLER-SEXTON player of the week.

Jen Crede was named SELLER-SEXTON Athlete of the week.

Crede, the starting pitcher, is now 11-7 overall. Before this past weekend

she was averaging a strikeout for every inning pitched or 89 K's for the season.

Frustration and exhaustion led to the Lady Miner 1-3 outing this past weekend in Joplin. "We were beaten by two better teams this weekend. Record wise and talent wise they were better ball clubs. The other game we gave to them," commented Costello.

In the final game of the weekend, the Lady Miners took on Central Missouri State. They had played two games earlier that day one of which was two and a half hours long.

The long day, cumulated with the heat, effected the Lady Miners as they committed 11 errors for the game. Despite giving up an unearned run earlier in the game, UMR took a 2-1 lead into the final inning of play. Three consecutive errors by the Lady Miners to begin the inning eliminated their lead. Central scored 6 runs in the inning, all unearned. The final score showed Central on top 7-2.

This week the Lady Miners have a double header with University of Missouri-St. Louis and Southeast Missouri State on Tuesday. They will travel to Warrensburg over the weekend for another tournament.

Miner baseball is improving, despite their record Loss of "The Mailman" will hurt the team down the stretch

By Chris Silies
STAFF WRITER

The baseball team has not been posting many victories, yet they are playing some good ball. This years has been changed around so that conference games are now played with three games on a weekend rather than the old way, which was a home and home series of four games over two weekends. This allows the teams to play more games and more teams.

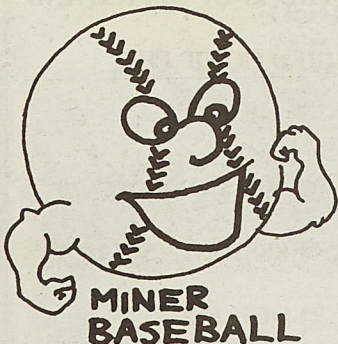
The Miners opened their conference on March 23 at Pittsburgh State. The Miners were in all three games up until the late innings, but could not pull off a victory. Kevin Dry led the offense with five hits and Todd "the Mailman" Oetting once again had a pair of home runs.

Sophomore pitcher Jeff Mitchell threw a beautiful game on Sunday going eight innings and giving up only two runs, but the Gorillas cave back in the ninth to pull off a 4-3 victory.

The Miners then came home to face college of the Ozarks on March 26. The Miners almost pulled off the sweep, but settled for a split. Dry once again led the offense and Tim Pruitt got the win with six strong innings.

Mitchell got the save coming off of just one days rest.

Southeast MO. came into town for weekend and swept the Miners. SEMO has been very hot and are rumored to be ranked second in the nation for NCAA Division 2 schools, but the Miners played them tough.



Friday's game was a disappointment, but Saturday we had a chance to pull off two victories. Jeff Mitchell again had a strong outing going the distance, but came up short with a 6-4 loss. In game two, the Miners had the lead going into the seventh inning, but

then SEMO mounted a rally and swept the series.

That series turned out to be more of a loss for the club than the three games however. In the ninth inning of Friday's game, the Mailman delivered for the last time.

Oetting led off the ninth with his second hit of the game, but blew out his hamstring running to first base. Oetting will be out for the rest of the season. He ended with a .360 batting average, a .800 slugging percentage and led the team in home runs and RBI's. Oetting also had a victory on his only pitching appearance of the year.

Coach Travis Bouluare is not happy with the losses, but is seeing improvement. "If we were getting blown out of every game, they I'd be a little more concerned, but we're in just about every game until the late innings. The loss of Oetting will hurt, but other hitters like Dry, Felton and Hussenstab are starting to come around. Once everyone starts hitting, I think we'll be able to pull some of these games out."

The Miners next game will be at home Wednesday, April 10 at 1:00 pm against Lincoln.

Hudson: named MIAA player of the week



Brett Goodman

UMR Lady Miner firstbaseman, Elle Hudson, has been named the MIAA athlete of the week. She starred during the Ladies recent six game winning streak. Hudson, a junior who transferred to UMR from MO Southern, went 8 for 15 in batting .533. She also had 6 RBI's while scoring 5 times. Hudson is to be congratulated for her outstanding performance. Good luck the rest of the season.

The quest for Lord Stanley's Cup is under way

Tom Hughes
Sports Editor

March Madness has slipped right into springtime madness. 16 NHL teams have begun the eight week journey to the Stanley Cup. The playoffs have had an interesting beginning.

Lets begin the Stanley Cup sojourn in the "Chuck" Norris division. Who would have thought last September that this division would yield the league's top two team.

The Chicago Black Hawks edged the St. Louis Blues by 1 point in the race for the overall title with a victory the last night of the regular season. The Detroit Red Wings and Minnesota North Stars rounded out the Norris division's Cup contenders.

In the first game of the divisional semi-finals, the Stars and the Wings made the Hawks and the Blues look more like pretenders. Each pulled out surprising road victories in Game 1.

Game 2 has back to normal as the favorites evened each series. Chicago behind goaltender Ed Belfour and St. Louis behind goaltender Vince Ri-

deau should each win hard fought series in six or seven games.

This scenario would lead to memorable series between the Black Hawks and Blues. Remember their head to head series over St. Pat's weekend. Look for more of the same style of play. The results of the series should be the same as last year's series, Chicago in seven.

The Smythe division has produced the Stanley Cup champions 3 years in a row and 6 of the last 7 years. This is due to the Edmonton Oilers' 5 Cups and the Calgary Flames' 1.

This year, however, the Oilers and Flames played second fiddle to Wayne Gretzky and the L.A. Kings. That didn't seem to bother the Vancouver Canucks. They beat L.A. in Game 1 at the Fabulous Forum.

L.A. came back to win Game 2 and should continue on in this series behind goaltender Kelly Hrudey. Look for the Kings in six.

The battle of Alberta has once again begun. Calgary and Edmonton are tied at one game a piece. The defending champs, Edmonton, could surprise the Flames behind goaltender Grant Fuhr. It should be a tough seven

game series, however.

L.A. scored more goals than anyone in the regular season. They should beat a weary Edmonton team behind Gretzky in seven games.

The Patrick Division Cup contenders were not settled until the season's last weekend. In the end, the Pittsburgh Penguins, the N.Y. Rangers, the Washington Capitals, and the New Jersey Devils made the playoffs.

Both series, Pittsburgh vs. New Jersey and N.Y. vs Washington are tied at 1-1. The Penguins behind a rejuvenated Mario Lemieux and the Capitals should survive the divisional semifinals.

Goaltending is the key in any NHL playoff game. Pittsburgh's Tom Barrasso will out play Washington's Don Beavre. Penguins should win in six.

The Adams Division always has one of the toughest races each year. This year the Boston Bruins edged the Montreal Canadiens for the top spot in the Adams.

Boston is engaged in a tough, tough series with the Hartford

Whalers. The Whalers stunned the Bruins in Game 1 and nearly pulled out Game 2. Boston won in overtime and this victory should be the springboard for the Bruins to win the series.

Montreal is the only team to be leading a series 2-0. The Canadians are having a easy time with the Buffalo Sabres. This should continue, as the Canadians should win in five.

It does not matter who wins the first season, rather who wins the second season. The Canadians will triumph over the Brvins in a six game series, provided goaltender Patrick Roy stays healthy.

The playoffs in the NHL bring out the most intense play of the season. Each team will do anything to win. Witness the actions of Bob Probert decking Blues goalie Vince Riendeau. You never know.

The Final Four for the Stanley Cup should be Chicago vs. L.A. and Pittsburgh vs. Washington. Since I did so well with my last Final Four predictions, I am going to mull these series over.

As March Madness proved, anything can happen. The NHL's "real" season has been truly exciting thus far. If you are lucky enough to get sports Channel, you will enjoy the playoffs for 42 straight nights, a hockey junkie's dream.



Cathy Pratt
Acacia



Connie Crossen
Alpha Epsilon Pi



Susan Bruns
Beta Sigma Psi



Julie Orr
Delta Sigma Phi

SUMMER, 1991

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Alice Netzer
Kappa Alpha



Beth Kilwin
Kappa Sigma



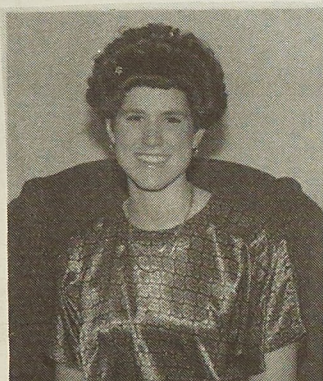
Kim Thomason
Lambda Chi Alpha



Janice Grotenhuis
Pi Kappa Alpha



Angie Street
Phi Kappa Theta



Suzanne Reeves
Pi Kappa Phi

*And the Winner
is...*



Kelly Goodman
Sigma Chi



Sheila Connors
Sigma Nu



Julie Dickherber
Sigma Phi Epsilon



Lisa Molner
Sigma Pi



Jeannie Merz
Sigma Tau Gamma



Cheryl Bumgarner
Theta Xi



Andrea Dorr
Triangle



Sue Burrows
Chi Omega



Jill Gosnell
Kappa Delta



Nancy Neill
Zeta Tau Alpha



A look at the controversial "shock therapy"

By James Barnes
STAFF WRITER

Electroconvulsive therapy (ECT), or shock therapy, has been around since the early 1940's. It is used primarily to abruptly "shock" patients out of deep depressions. A small electric current is sent into the patient's head, not lasting more than a second or two, that produces a brain seizure. The exact reason that it seems to bring people out of major depressions is not known. During the forties and fifties ECT was misused, overused, and developed a negative image that has since made it the most controversial treatment in psychiatry. The debate between "pro-shock" and anti-shock" doctors and psychiatrists still rages today—about 50,000 to 100,000 people receive ECT every year.

When ECT first arrived, its method and procedures were inhumane and almost barbaric. Patients were strapped on tables without being

sedated, and then treated to about a hundred volts of electricity to the brain. The patients would squirm and convulse until they ultimately passed out. The movie "One Flew Over the Cuckoo's Nest" seems to accurately portray what undergoing ECT was like before the advent of new methods. Patients are now sedated with muscle relaxants and harder drugs so they don't have to suffer through the ordeal. The argument for the opposition to ECT can no longer be that the treatment is a form of torture, the patient doesn't feel the volts. Now, the opposition is going with the position that ECT causes memory loss, as well as other medical complications. Not all, but a considerable number of patients

who have had ECT complain of memory loss at some level. Many completely forget events that happened just two weeks before they started ECT. But, according to 1985 edition of Science News, out of 106 patients who had undergone ECT a year earlier, three quarters said that ECT had helped them and they would do it again if necessary. Half of the people said they were not informed of the need for ECT or its risks, but in reality, all of the 106 were fully informed before the treatments. The ETC had done some minor adjustments to their memories. ECT seems to rarely cause major or permanent brain damage. Larry Squire of the University of California School of Medicine has found that memory problems clear up within several months following treatment.

On the good side, ECT has been proven to be a very excellent way to provide a quick way to revive severely depressed patients. ECT does not act as cure for depression, it merely provides short term relief. Opposed to

using drugs, which take anywhere from one week to three weeks to work, it is fast. Many people have said that they would be dead if it weren't for ECT. The alternatives to ECT aren't very good. You used to be able to go with psychosurgery—a bizarre and very inhumane method of actually physically operating on the brain. But, anymore this is the outcast of Biomedical therapies. Another alternative is drug therapy. With the advent of Psychotropic drugs in the fifties, people swarmed to this method, hoping for a miracle cure that wasn't there. Just recently, a big stink is getting stirred up over the anti-depressant drug Prozac. The drug came out in 1987 with the title "wonder drug." It

seemed to work really well with depressed people. Now there are quite a few law suits that claim the drugs makes its user violent and blood thirsty. The other methods, the least controversial, are the psychological therapies. These therapies are all centered around talking and working with the patient. A very broad and primitive example of these types would be the psychiatrist sitting behind a patient who is lying on a couch. These therapies take much longer than the biomedical ones.

No matter which method a person or doctor is to choose to deal with deep depression, no one method always works. Whether a person takes drugs to deal with their depression or undergoes ECT, the problem is not cured, it is just sedated and put back for a little while. While ECT is not the barbaric torture it used to be, it still remains to be questionable because of the memory loss it causes, and drugs will always be questionable because of the side effects and problems with the way

different people react to the same chemicals. The psychological therapies seem to be the best alternative,

without side effects anyway, but most people need something to "shake" them out of their depressions.

Regardless of which one is the most ethical, all of these therapies are used every day across the United States.



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STEVEN SEAGAL

THEY'VE ATTACKED HIS FAMILY

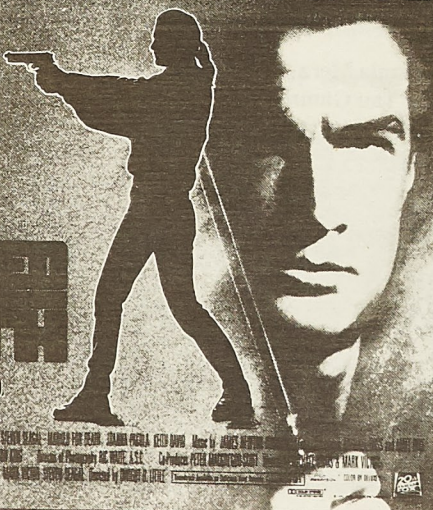
THEY'VE KILLED HIS PARTNER

THEY'VE MADE THE WRONG GUY
VERY, VERY ANGRY

NOW, STEVEN SEAGAL IS...

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HES A GOOD COP IN A BAD MOOD



Place: Hockey Puck

Time: 7 & 9 p.m.

Admission Charge: Free w/ Student ID
Free Popcorn & Soda

MARRIOTT DINING SERVICE

Weekly Menu - April 11 - 17, 1991

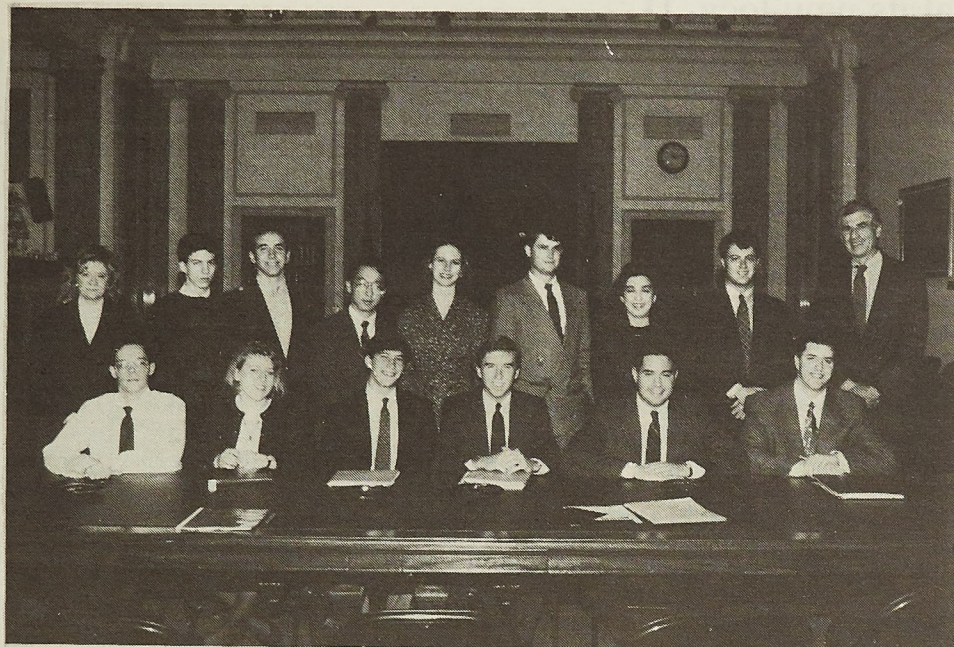
UCE- LUNCH

THURSDAY 11	FRIDAY 12	MONDAY 13	TUESDAY 14	WEDNESDAY 15
Ground beef potato pie	Polish Sausage & kraut	Country Fried Steak	Meatloaf	Baked Chicken
Chicken stir fry	Grilled pollock	Spaghetti	BBQ Brisket	Liver & Onion
Roast beef	Veal Parmesan	Ham & Swiss Quiche	Carved Turkey	Ham & Au gratin Potatoes

Rayl and TJ Cafeteria

Thursday (11)	Friday (12)	Saturday (13)	Sunday (14)	Monday (15)	Tuesday (16)	Wednesday (17)
LUNCH:						
Sloppy Joe	BLT's			Monte Cristo Sand	Chili Dogs	BBQ Ham Sandwich
Chicken & Dumplings	Turkey Tetrazzini			Turkey Alfredo	Beef & Potato Pie	Pinata Casserole
Baked Potatoes w/ chili & cheese	Egg Foo Yung			Vegetable Pita	Ham and Beans w/ cornbread	Turkey Fried Rice
DINNER:						
Chicken Fried Steak	Baked Fish Supreme			French Dip Sand.	Breaded Veal Steaks	Ham Steaks
Chicken Stir Fry	Soft Shell Tacos			Meat Loaf	Beef Enchiladas	Lasagna
Sausage & Apples	Mushroom Omelette			Ham Quiche	Cheese Omelette	Polish Sausage w/baked beans

UMR students meet with Danforth



U.S. Senate

U.S. Senator Jack Danforth met recently with members of the Associated Students of the University of Missouri system, who were in the nation's capital for meetings with legislators. The Association was established 16 years ago to provide a forum for students' concerns at the state and federal levels of government. In their meeting with Danforth, members discussed funding for higher education, including federal loan programs. Pictured with Danforth (front row, from left): Bing Schimmelpfenning, University of Missouri/Kansas City; Jen Salley, University of Missouri/Columbia; Eric Anielak, UMC; Rob Monsees, UMC; Brad Cohen, UMC; David Turner, UMC; (Second Row, from left): Mary Anne McCollum, Director of ASUM; Henry Guerriero, University of Missouri/Rolla; Blaine Fasley, UMC; Eugene Bae, UMR; Natascha George, UMKC; Timothy Kramm, UMR; Lori Navetta, UMC; and Kevin Burkett, UMR.

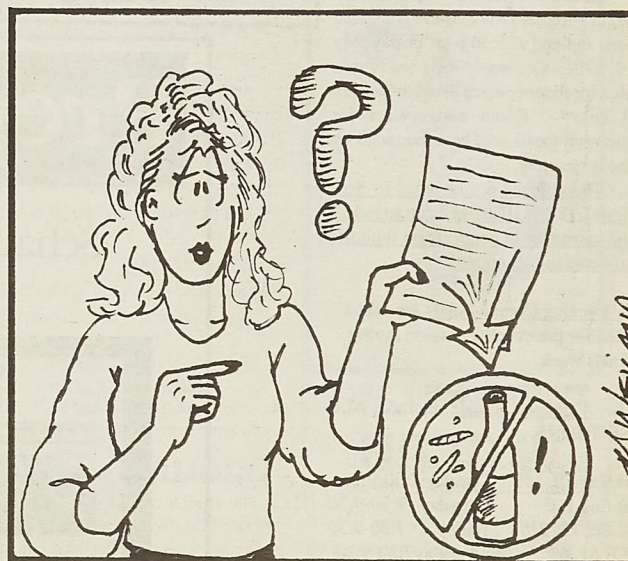
Students informed about drugs and alcohol

By Dr. Camille Consolvo
UMR Counseling Center

Why is the Registrar's office handing you a flyer about the state and local drug laws and the effects associated with alcohol and drug abuse?

The 1989 Amendments to the

ber: 1) Institutional standards of conduct regarding drug and alcohol abuse on university property or at any of its activities; 2) Health risks associated with alcohol/drug use and distribution of illicit drugs and alcohol; and 3) Available intervention/treatment services.



Drug-Free Schools and Communities Act (P.L. 102-226, 103 sta. 1928) require that institutions of higher education adopt certain policies in order to remain eligible for any federal financial aid. The law requires each institution to annually distribute to every student, faculty and staff mem-

Since all students must go through the registration process, this was deemed the most effective method for distribution of this information. If you have any questions about this federal regulation or other alcohol/drug concerns, contact the Substance Abuse Prevention Program, 204 Norwood Hall, 341-4211.

PERSONAL RESOURCE DEVELOPMENT

Sponsored by Counseling & Career Development
A Division of Student Affairs
341-4211 204 Norwood Hall

KEEPING YOUR COOL

Tuesday, April 16 3:30-4:30 pm; 201 Norwood Hall
Facilitator: Ms. Sandra Terry

Do you find that you get so anxious or depressed when you get a disappointing test grade or angry when you get in a fight with a friend or co-worker that it takes you a while to chill out? Do you worry about finances, grades, or relationships more than you would like? If you answered "yes" to any of these questions, you may find this workshop's suggestions on how to more effectively manage unruly feelings useful.

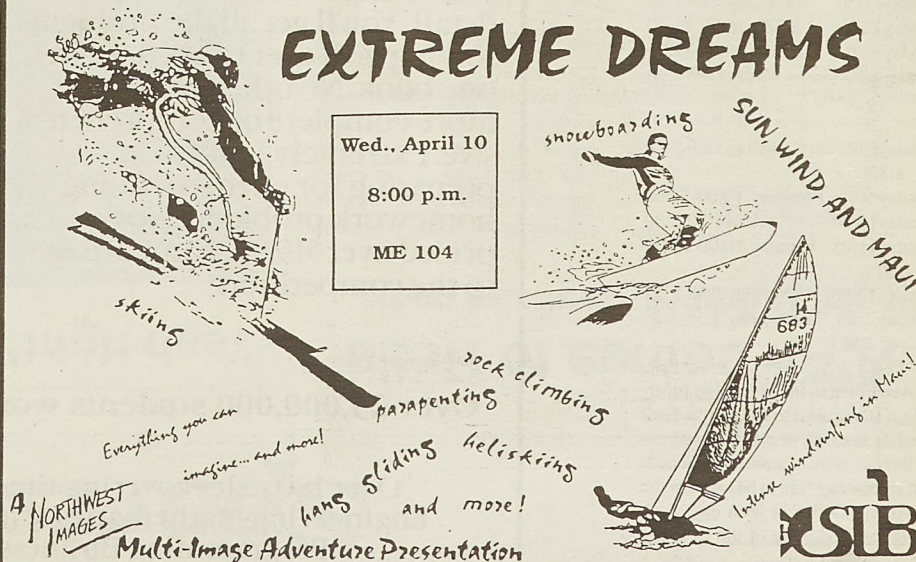
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EXTREME DREAMS

Wed., April 10

8:00 p.m.

ME 104



Final Exams

Winter 1991

The final examination period will begin Monday, May 6, 1991, at 7:30 a.m. and end at 5:30 p.m. Friday, May 10, 1991. Common finals are scheduled for those courses listed in Section II below. Room assignments for common finals will be announced by the instructors.

The courses not covered in Sections I, II, and III are to be arranged by the instructor in cooperation with the students in that course.

I. Evening Course Finals are scheduled for the evening session during finals week.

II. Common Finals include ALL SECTIONS.

B Eng 50, 150 Tuesday 7:30-9:30
B Eng 110 Thursday 7:30-9:30
C Sci 73, 228 Friday 7:30-9:30
EE 61, 63 Wednesday 7:30-9:30
EM 160 Monday 1:00-3:30
Hist 112, 175, 176 Tuesday 7:30-9:30
Math 2, 4, 8, 229 Monday 1:00-3:00
Math 6, 204 Wednesday 7:30-9:30
Math 21, 22 Thursday 7:30-9:30
ME 208 Thursday 7:30-9:30
ME 211 Wednesday 1:00-3:00
Phys 23, 24 Wednesday 1:00-3:00

III. Regular Finals

First Weekly Class Meeting Time	Final Exam Time
---------------------------------	-----------------

Monday 7:30	Monday 3:30-5:30
Monday 8:30	Wednesday 10:00-12:00
Monday 9:30	Tuesday 1:00-3:00
Monday 10:30	Monday 7:30-9:30
Monday 11:30	Tuesday 3:30-5:30
Monday 12:30	Friday 10:00-12:00
Monday 1:30	Thursday 10:00-12:00
Monday 2:30	Friday 1:00-3:00

Tuesday 8:05 or 8:30	Thursday 1:00-3:00
Tuesday 9:30	Monday 10:00-12:00
Tuesday 10:30	Friday 3:30-5:30
Tuesday 11:05 or 11:30	Tuesday 10:00-12:00
Tuesday 12:30	Thursday 3:30-5:30
Tuesday 1:30	Wednesday 3:30-5:30 or 2:05

According to the Manual of Information all requests to change the final schedule because of conflicts or having three or more examinations scheduled on one day "are to be made in the Registrar's Office at least one week before the beginning of the final examination week" (Friday, April 26).

Don's Pro Shop

is still in business at its new location and now offers pickup and delivery for Greek printing. Call about group discounts on T-shirts for all occasions.

Phone 364-6792

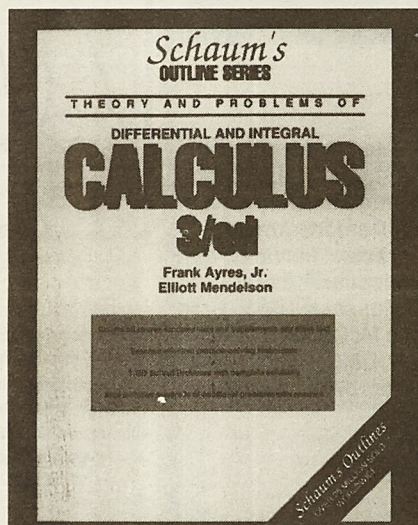
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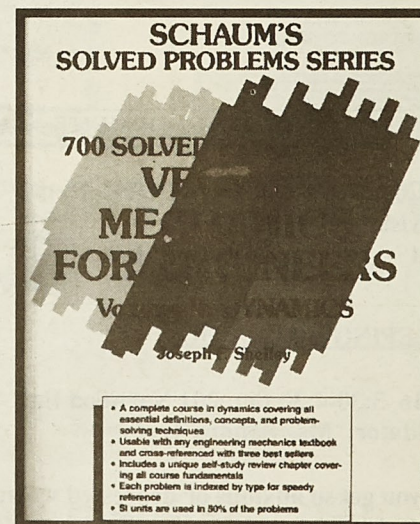
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