



15 Nov 1989

The Missouri Miner, November 15, 1989

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Missouri Miner

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

November 15, 1989

Volume 78, Number 13

Twenty pages



Chancellor speaks about student activity fees

By David Martin
Staff Writer

In a November 7 letter to UMR, Chancellor Martin C. Jischke elaborated on the latest developments in the athletic program controversy.

The problems stem from two sources. First, funding for UMR athletics, provided mainly by the student activity fee, have been grossly insufficient since 1985 due to a drop in enrollment of more than 28% in the last seven years. UMR athletics have been running at a deficit which has only been covered by funds accumulated during high-enrollment periods. Furthermore, desire of the students to improve the intramural programs have also created a need for increased funding.

Although, funding from alumni and other private sources has increased by 50%, additional support of athletics is still needed.

After consideration of many possible courses of action, Athletic Director, Billy Key, suggested that men's

and women's soccer as well as men's tennis and the rifle team be eliminated from the UMR campus completely. It was also recommended that surplus funding be used to improve intramurals and physical recreation. This proposal has been endorsed by the Athletic Committee.

With this information, Chancellor Jischke has made a decision concerning the future of athletics at UMR. The first measure will be the elimination of the position of Director of Athletic Business which is being vacated by retirement. Secondly, all coaches, except football and men's and women's basketball, will be required to coach at least two intercollegiate sports. In addition, a full-time intramural director will be hired with a marginal increase in student activity fees of \$2.50 per semester. Finally, a new indoor facility, for intramural and physical recreation exclusively, has been planned. A 35,000 square foot addition to the Bullman Multi-Purpose building has been proposed. This

\$3.5 million expansion would be funded by students and other sources. \$1.25 million is proposed to be provided by students in the form of a raise of \$15.00 per semester in the student athletic fee. Funding of the other \$2.25 million will be the responsibility of the administration.

The student activity fee is expected to increase by \$2.50. The additional \$12.50 fee increase would not be instated until the \$2.25 million had been raised and construction of the facility is under way.

"Through increased efficiency and effort in the operation of the intercollegiate athletic program, the campus can then avoid the need to eliminate any intercollegiate sports at this time," summarized Jischke.

Before this proposal can be implemented, the increase of fees must be approved by the students of UMR. A referendum for this will be announced soon.

Students research parallel processing

By David Martin
Staff Writer

Computer science and mathematics students from other midwestern colleges and universities were allowed to participate in an eight-week summer session devoted to undergraduate research at UMR. Each of the students were allowed to enroll for up to six credit hours of undergraduate research. The project, sponsored by the National Science Foundation, provides experience to students from institutions with limited or no research programs.

Directing the project are Dr. Billy E. Gillett, professor of computer science at UMR, and Dr. John B. Prater, associate professor of computer science.

"The students' research was in the area of parallel processing," explained Prater, "which involves separating computer programs into independent parts and running the programs simultaneously on a system composed of

several computers."

"Currently, the students are completing their research at the schools in which they are enrolled and will write up their results and conclusions for publication," Gillett added. "They will present their results during a meeting at UMR in the spring of 1990."

The students enrolled in this program are:

Paul Hoffman, Northwestern College of Orange City, Orange City, IA; John Painter, Oklahoma Christian College, Oklahoma City, OK; Keith Wear, Sioux Falls College, Sioux Falls, SD; Jeffery D. White, Mid-American Nazarene College, Olathe, KS; Scott Hayes, Evangel College, Springfield, MO; Christopher S. Reece, Cameron University, Lawton, OK; Dana Wilburn, Harding University, Searcy, AR; and Mike Ferguson, East Tennessee State University, Johnson City, TN.

Seniors receive scholarships

Submitted by
News and Publications

Two University of Missouri-Rolla seniors in metallurgical engineering recently were selected to receive \$1,000 scholarships from the Iron and Steel Society Foundation.

The students, Laurie Williams of East Alton, Ill. and Gary Yerby of Morton, Ill., were among eight recipients in the United States and Canada to receive the scholarships, according to Dr. Ronald A. Kohser, UMR professor of metallurgical engineering and assistant dean of the School of Mines and Metallurgy.

"To be eligible for the scholarships, students must be in their final

undergraduate year in metallurgy or metallurgical engineering, anticipate entering industry at the completion of their undergraduate studies, express an interest in a career in ferrous-related industries and possess high moral character, strong leadership abilities and scholarly achievements," said Kohser.

"UMR was the only university to have two scholarship recipients," he added.

Other schools with scholarship winners include the University of British Columbia in Canada, The Ohio State University, the University of Illinois at Urbana, McGill University in Canada, Wayne State University and Case Western Reserve.

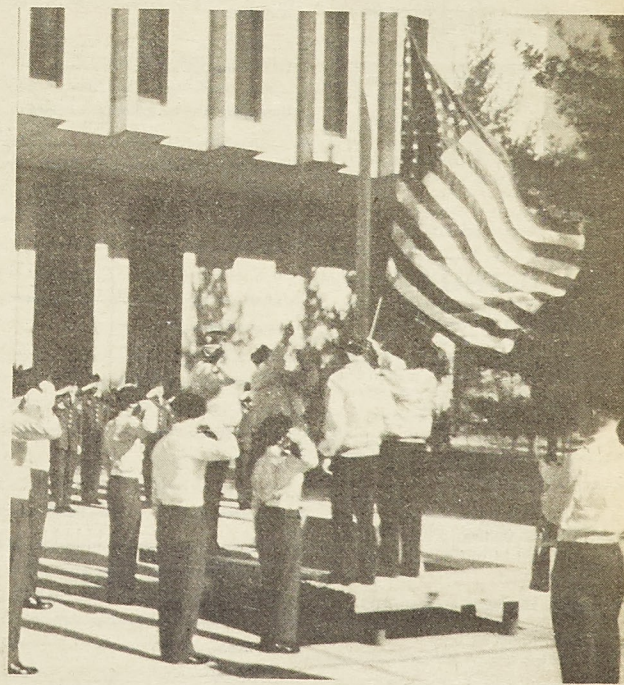
General Electric donates gift

Submitted by
News and Publications

E. Michael Bonvillain, General Manager, Aviation Service Department, General Electric Aircraft Engines, Cincinnati, Ohio, presented a \$20,000 check for use by the University of Missouri-Rolla's School of Engineering to Jerry R. Bayless, assistant dean of UMR's School of Engineering and associate professor of civil engineering.

According to Bayless, the gift will be used for undergraduate student scholarships, funds for student organizations, and funds to support the UMR honors program.

see Gift, page 3



Bill Booth

Veteran's Day observance at Library on Saturday

Calendar of Events

Wednesday

Blood Drive, 11 a.m. to 5 p.m. in Centennial Hall at the University Center-East.

Sigma Xi Luncheon Meeting, noon, in Mark Twain Room. University Center-East. Dutch Treat.

ME, AE, and Eng Mechanics Seminar, 3:30 p.m., "Vibration and Acoustics Testing of Aerospace Structures," in room 210 ME. FREE!!

Wesley Foundation Meeting, 6 p.m. "Last Lecture Series" at the Wesley Foundation, 403 W. Eight Street. The title of Day's lecture is "Sharing."

Spelunkers Meeting, 6 p.m., in room 206 McNutt Hall.

Alpha Chi Sigma Meeting, 6:30 p.m., in G-3 Schrenk.

Interpersonal Skill Management, 6:30 p.m., in Quad.

Kappa Kappa Psi/Tau Beta Sigma Meeting, 101 Old Cafe, 7 p.m.

Beta Chi Sigma Meeting, 117 ME, 7 p.m.

Alpha Phi Omega Meeting, 7 p.m., in Mark Twain Room for Officer Elections.

NSBE Meeting, 7 p.m., in 204 McNutt Hall.

ASCE Meeting, 7 p.m., in 114 CE.

ABS Meeting, 7 p.m., in 103 Eng Mgt.

Sport Parachute Club Meeting, 7 p.m., in 210 McNutt Hall for Officer Elections.

SME Meeting, 7:30 p.m., in 204 McNutt Hall.

Newman Mass, 9 p.m.

Thursday

Bible Study, 3:30 p.m., in Missouri Room.

Toastmasters Meeting, 4:45 p.m., in 220 Fulton Hall. Everyone Welcome!

TNT, Thursday Night Together, 6:30 p.m., at the Baptist Student Union.

Climbing Club Meeting, 6:30 p.m., in 206 McNutt Hall.

Independents Meeting, 7 p.m., in 114 CE.

RAGE Meeting, 7 p.m. in McNutt 212. T-shirts and raffle tickets will be available. Bring instruments but no amps please.

ANS Meeting, 7 p.m., in 227 Fulton Hall.

Pi Tau Sigma Meeting, 7 p.m., in 208 ME.

Christian Science Meeting, 7:30 p.m., in Walnut Room.

UMR Film Series, "The Last Temptation of Christ," 7:30 p.m., Miles Auditorium, Mechanical Engineering Building. Admission by season ticket or \$3 at the door.

M-Club Meeting, 8 p.m., in 117 CE.

UMR Gaming Association, 8 p.m., in 208 ME.

Math Review Help Session, 8 p.m., in M-CS 209.

Friday

IVCF Meeting, 7 p.m., in 139 ChemE.

Saturday

UMR Gaming Association, 9 a.m., in 137 CE.

CSA Language Study, 9:30 a.m., in Ozark Room.

Tau Beta Pi Initiation, 4:30 p.m., in 114 CE.

CSA Movies, 7:30 p.m., in G-3 Schrenk.

Sunday

AI Group Meeting, 6 p.m., in the Library.

Chi Epsilon Meeting, 4:30 p.m., in 114 CE.

Pi Tau Sigma Banquet, 6 p.m., in University Center-East Cafeteria.

Monday

Academic Skills, 3:30 p.m., in Ozark Room.

Student Activity Fee Board Meeting, 4:30 p.m., in Walnut Room.

SWE Meeting, 5:45 p.m., in Ozark Room.

Independents Meeting, 6:30 p.m., in 117 CE.

Bible Study, 6:30 p.m., at the Baptist Student Union.

CSA Meeting, 7 p.m., in H-SS G-5.

Christian Campus Fellowship Meeting, 7 p.m., in Missouri Room.

NSBE Meeting, 7 p.m., in 204 McNutt Hall.

Chi Alpha Bible Study Meeting, 7 p.m., in 210 McNutt Hall.

Internet Meeting, 8 p.m., in Mark Twain Room.

Tuesday

Christian Campus Fellowship, 7:30 a.m., in Science Room.

StuCo Lawyer, 2:30 p.m., in Walnut Room.

Campus Crusade, 6:30 p.m., in Missouri Room.

EE 283 Help Session, 7 p.m., in 101 EE.

Kappa Mu Epsilon, 7 p.m., in M-CS 203.

Math Help Session, 7 p.m., in room 204 M-CS.

Koinonia Meeting, 7:30 p.m., in 125 ChemE.

Cycling Club Meeting, 7:30 p.m., in 210 McNutt Hall.

Next Wednesday

Wesley Foundation Meeting, 6 p.m.

Spelunkers Meeting, 6 p.m., in room 206 McNutt Hall.

Alpha Chi Sigma Meeting, 6:30 p.m., in G-3 Schrenk.

Kappa Kappa Psi/Tau Beta Sigma Meeting, 101 Old Cafe, 7 p.m.

Beta Chi Sigma Meeting, 117 ME, 7 p.m.

NSBE Meeting, 7 p.m., in 204 McNutt Hall.

ABS Meeting, 7 p.m., in 103 Eng Mgt.

Sport Parachute Club Meeting, 7 p.m., in 210 McNutt Hall for Officer Elections.

Newman Mass, 9 p.m.

Noday

St. Pat's Green Sales, Monday thru Friday from 8 a.m. to 4:30 p.m. at the Hockey Puck.

Cap and Gown Information, Students receiving masters and bachelors degrees may purchase their cap and gown at the UMR Bookstore anytime after Dec. 4. Masters and bachelors attire do not need to be ordered in advance. Cap and gown orders for faculty, staff and PhD students will have a deadline of Nov. 15 and may be picked up after Dec. 11. The UMR Bookstore will be open on Saturday Dec. 16 from 10 a.m. to 4:30 p.m.

ATTENTION DECEMBER 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 December 16, 1989.

24 Hour Computing Services: Computing Services is operating a terminal room (Math-CS 108) and a PC Computer Learning Center (Math-CS 207) from midnight until 8 a.m. Monday thru Friday November 6-10, 13-17, 20-21, 27-30, and December 1, and 4-8. This will provide 24 hour access to mainframe terminals and IBM PCs.

Users should be at either location by 1:45 a.m. if they intend to use the service. Anytime after 2 a.m. if there are no users, the rooms will be closed. PC users should bring software since it is impossible to provide all of the software that people are using.

University Theatre UMR's fall production, entitled "The Best Laid Plans," will be presented at 8 p.m. Thursday through Saturday, November 16-18, at the Cedar Street Center, 7th and Cedar streets, in Rolla.

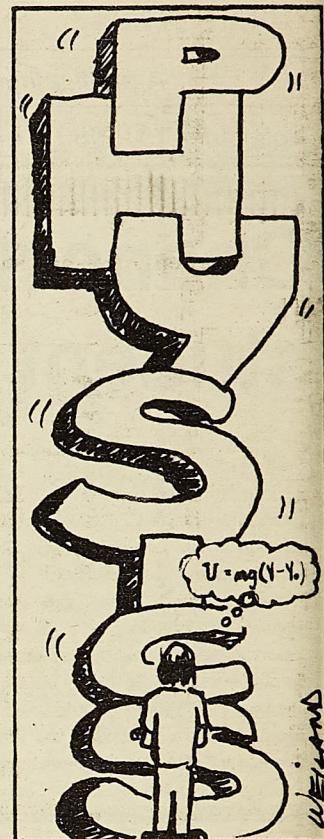
Tickets are \$2 for students and retirees and \$3

for all others and are available at the door one hour before the performances. The house opens at 7:30 p.m.

BSU Gospel Music & Arts Workshop, Central Missouri State University, Warrensburg, Missouri. Registration fee is \$5 per person, plus money for food and hotel. For further information come to rehearsal. This workshop is for all students, you do not have to belong to the Voices. Call Mike Chandler at 364-9505 or Mary Pulley 341-2677 or 341-4751 (work). Will be held on November 17-19.

Financial Aid

American Concrete Institute: The American Institute is offering four \$2500 awards for graduate study in the field of concrete for the 1990-91 academic year. The applicant must possess a bachelor's degree from an accredited program by the summer of 1990. The applicant is accepted for graduate study at an accredited college or university in an engineering, architectural and/or material science program in the area of concrete where design, materials, construction or any combination of these areas is offered, at the time of acceptance of the scholarship (and not necessarily at the time of application). Must be a full time graduate student. Application deadline is February 2, 1990. Additional information is available in the 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.

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 Rolla Building) 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.

Editor-in-Chief	Nikki Pagano (364-4312)
Business Manager	Shelly Kaller (364-6463)
Advertising Director	Terry Brackett (364-1137)
Asst. Advertising Director	Leslie Vigna
Managing Editor	Larry Williams (364-1433)
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News Editor	Steve Puljak (364-8968)
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Copy Manager	Dan Gualtieri (311-8263)

Staff Writers: Babu Barat, Eric Hardin, Matt Bickler, David Martin, Chip McDaniel, Nora Okongo, Chris Reynolds, Buck Simpson, Kevin Webb, Jeff Zawila.
Typesetters: Babu Barat, Tim Emmerich, Bill Rodewald.
Photographers: Bill Booth, Brett Goodman, Susan Lowe.
Graphic Artists: Tiffany Huenefeldt, Michael Weiland.

302 Rolla Building
 University of Missouri, Rolla
 Rolla, MO 65401-0219
 (314) 341-1235

Jerry Bayless

Gift

Bayless said it awarded to student national organization to host regional delegates to regional meetings and student

The final exam, and end at 5 scheduled for those common finals will

The courses n the instructor in

I. Evening Co week.

II. Common Fin

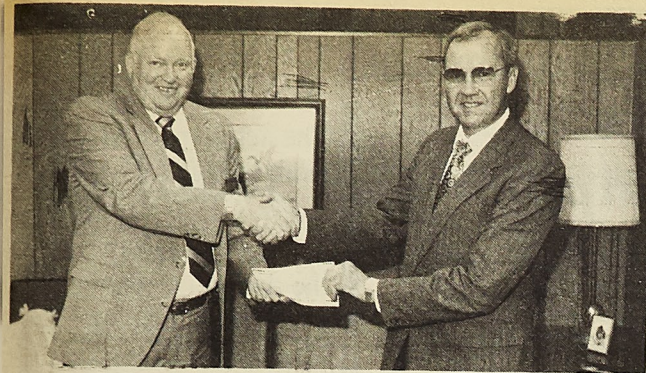
BE 50
 BE 110
 C Sci 73
 EE 61,63
 E Mgt 208
 E Mgt 211
 EM 150
 Hist 112,1
 Math 2,4,8
 Math 6,204
 Math 21,22
 Phys 23,24
 Stat 215

III. Regular Fin

First Week Meeting Time

Monday, 7:
 Monday, 8:
 Monday, 9:
 Monday, 10:
 Monday, 11:
 Monday, 12:
 Monday, 1:
 Monday, 2:
 Tuesday, 8:
 Tuesday, 9:
 Tuesday, 10:
 Tuesday, 11:
 Tuesday, 12:
 Tuesday, 1:
 Tuesday, 2:

According to the schedule because of the day are to be a meeting of the Fin



Courtesy of News and Publications

Jerry Bayless (left) receives gift from E. Michael Bonvillian

Gift from page 1

Bayless said that funds will be awarded to student chapters of professional organizations and honor societies to host regional conferences, send delegates to regional and national meetings and student paper contests, and help cover the cost of field trips. "Funds also will be available to students in the honors program in the School of Engineering to cover the cost of materials and supplies of honors projects," Bayless said.

FINAL EXAMINATION SCHEDULE FALL 1989

The final examination period will begin Monday, December 11, 1989, at 7:30 a.m., and end at 5:30 p.m., Friday, December 15, 1989. 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 final week.

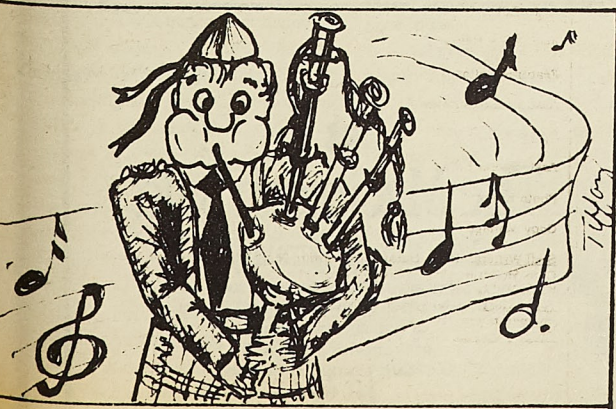
II. Common Finals include ALL SECTIONS.

BE 50	Tuesday	7:30-9:30
BE 110	Thursday	7:30-9:30
C Sci 73	Friday	7:30-9:30
EE 61,63	Wednesday	7:30-9:30
E Mgt 208	Wednesday	7:30-9:30
E Mgt 211	Monday	7:30-9:30
EM 150	Tuesday	7:30-9:30
Hist 112,112H,175,176	Tuesday	7:30-9:30
Math 2,4,8	Monday	7:30-9:30
Math 6,204	Wednesday	7:30-9:30
Math 21,22	Thursday	7:30-9:30
Phys 23,24	Wednesday	1:00-3:00
Stat 215	Friday	7:30-9:30

III. Regular Finals

First Weekly Class Meeting Time		Final Exam Time
Monday, 7:30	Monday	3:30-5:30
Monday, 8:30	Thursday	1:00-3:00
Monday, 9:30	Monday	1:00-3:00
Monday, 10:30	Tuesday	1:00-3:00
Monday, 11:30	Friday	1:00-3:00
Monday, 12:30	Friday	3:30-5:30
Monday, 1:30	Tuesday	10:00-12:00
Monday, 2:30	Wednesday	3:30-5:30
Tuesday, 8:05 or 8:30	Tuesday	3:30-5:30
Tuesday, 9:30	Monday	10:00-12:00
Tuesday, 10:30	Thursday	10:00-12:00
Tuesday, 11:05 or 11:30	Wednesday	10:00-12:00
Tuesday, 12:30	Thursday	3:30-5:30
Tuesday, 1:30 or 2:05	Friday	10:00-12:00

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, December 1).



UMR Professor receives award

By David Martin
Staff Writer

A University of Missouri-Rolla professor of history was honored at the annual meeting of the State Historical Society.

Dr. Lawrence O. Christensen was presented with a cash prize and certificate for his article, "Being Special: Women Students at the Missouri School of Mines and Metallurgy," appearing in the October 1988 issue of the "Missouri Historical Review."

Dr. Christensen was also elected as an at-large member of the State Historical Society Board of Trustees.

Clean-up planned for Schuman Park

Submitted by
EPA

The Environmental Protection Advocates (EPA), a new campus student organization which is involved with issues relating to protecting and improving the environment, is calling on all UMR students to join an effort to clean up Schuman Park. The clean-up will be held at 2 p.m. Friday, the 17th of November, with everyone rallying at the pavillion nearest the campus.

Schuman Park, three blocks from the UMR campus, is a favorite location for students to study, picnic, play ball and generally hang out. Because of high use and limited budget, the city park office welcomes assistance in maintaining this beautiful park. They

will provide garbage bags and any other assistance needed to make the clean-up effort a success. Eventually, the EPA hopes to motivate a group of students to permanently adopt the park and keep it clean.

The EPA will hold a final planning meeting at 4 p.m. Wednesday, the 15th of November, in room G-5, Humanities and Social Sciences building. The meeting will also be used as a recruiting drive for new members in the EPA. The EPA also invites all other campus groups, including fraternities and sororities, to send representatives to the meeting and the clean-up. EPA is willing to provide documentation for these groups for public service credit.

Financial Aid

Harry S. Truman Scholarship: University of Missouri-Rolla sophomores interested in a career in government service at the federal, state, or local level are invited to apply for a 1990 Harry S. Truman Scholarship.

Established by Congress in 1975, the Harry S. Truman Scholarship Foundation operates an ongoing educational scholarship program designed to provide opportunities for outstanding students in the United States with potential leadership ability to prepare for careers in government service. Since 1977 the Foundation has appointed 1,137 Scholars.

In April, 1990, the Foundation will award 92 Scholarships nationally. The University of Missouri-Rolla can nominate three students for the 1990 competition. The scholarship award covers eligible expenses up to \$7,000 per year for the junior year, the senior year, and two years of graduate study. To be eligible, a student must be a full-time sophomore working toward or planning to pursue a baccalaureate degree, have a B average, stand in the upper fourth of the class, and be a United States citizen or United States national heading toward a career in government.

Interested students should contact Donald B. Oster, Associate Professor of History, Department of History/Political Science, Room 124, Humanities-Social Sciences Building (Phone: 341-4817), before October 24, 1989, for final submission of nominees to the Truman Foundation has to be made before December 1, 1989.

Independent Accountants Society of Missouri

will award two \$500 and one \$100 scholarships for the 1989-90 academic year. IASM will award scholarships only to students majoring in accounting, with a "B" or better average in their accounting subjects and at least a "C" average in the remainder of their courses. Must be enrolled full time. Students in an accredited four-year college or university may apply at the end of their second completed year of study, provided they have committed themselves to a major in accounting throughout the remainder of their college career. For additional information and applications, contact the Student Financial Aid Office, G-1 Parker Hall.

The Heavy Constructors Association of the Greater Kansas City Area Industry Advancement Scholarships are specifically for persons who are planning and preparing for careers in

construction. The amount of each scholarship is \$2,500.00 per year. Recipients shall be full-time students who demonstrate financial need. Applicants will be required to demonstrate their commitment to obtaining careers in construction. Recipients will be required to seek summer employment in construction. Deadline is April 15, 1990. For more information and applications, contact the Student Financial Aid Office, G-1 Parker Hall.

The Society for the Advancement of Material and Process Engineering wishes to announce their undergraduate scholarship awards for 1990. There will be a first and second place award - \$3,000 and \$1,500, respectively. In addition, there are twenty-five \$1,000 awards. The awards will be restricted to engineering students only, and a minimum of 3.3 cumulative grade point average based on 4.0. Those attaining college senior level by Feb. 1, 1990, are not eligible. For more information and applications, contact the Student Financial Aid Office, G-1 Parker Hall.

Missouri Society of Professional Engineers (MSPE), St. Louis Chapter Auxiliary: The St. Louis Chapter of MSPE Auxiliary is once again awarding \$1500 scholarships to engineering students for the 1990-91 academic year. The requirements are that the student be a junior or senior engineering student in the 1990 fall semester, good scholastic achievements and financial need. Former recipients are eligible to apply for a renewal and special consideration will be given to students from the St. Louis metropolitan area. A personal recommendation by the Dean for the School of Engineering is strongly suggested. This is to be included on the application. Applications can be obtained from the Student Financial Aid Office, G-1 Parker Hall. Applications must be submitted to the Student Financial Aid Office by November 28, 1989.

Scholarship Opportunities in Metallurgical

The Department of Metallurgical Engineering has close to 100 undergraduate students, and almost half of these students receive scholarship support of some kind through the department. Each year the departmental scholarship budget is in the order of \$45,000. This level of funding reflects the degree of industrial and alumni support for departmental scholarships. Further evidence of the excellent relationship between industry and the department is illustrated by the availability of co-op positions. Currently 23 students are

co-oping in metallurgical engineering, and there are positions available in the program.

At the present time there are scholarship funds available at the freshman and sophomore level for students with a good academic record, and a demonstrable interest in metallurgical engineering. Interested students should contact the department chairman, Dr. John L. Watson, in McNutt Hall, to discuss scholarship awards, career opportunities, co-op positions, summer jobs and reasons why "it pays to be a met."

Missouri Society of Telephone Engineers: The

Missouri Society of Telephone Engineers will award a \$500 scholarship to one engineering student attending either Washington University, the University of Missouri-Rolla, or the University of Missouri-Columbia. The requirements are that the student be a junior or senior student enrolled in good standing in an engineering curriculum leading to a bachelor of science degree, must have an overall grade point average of 3.0 out of 4.0 (or equivalent) or better and be a Missouri resident. Priority will be given to the students possessing the greatest financial need. Applications can be obtained in the Student Financial Aid Office, G-1 Parker Hall. Applications must be submitted to the Financial aid Office by November 22, 1989.

Twenty-one travel programs for 1990 venture to most continents of the world and offer university degree credit for participation in a series of study vacations from San Jose State University, open to any adult who wishes to participate. You do not have to already attend SJSU to be included.

Language study in France and Mexico are offered, as is a theatre program in London which includes viewing plays and going behind the scenes to talk with those in London who produce and present live drama.

Culture is the emphasis of many programs, including tours of Italy, Brazil, the Soviet Union, and Southeast Asia.

Close-up study of wildlife and birdlife is included with tours to the Galapagos Islands and Ecuador, and Kenya.

Summer session in London, with no need for a second language skill, is also included.

For a free catalog including all itineraries and registration information, call (408) 924-2680 or write: International Travel Programs, Office of Continuing Education, San Jose State University, San Jose, CA 95192-0135

GIVE LIFE

CENTENNIAL HALL

11 am - 5 pm

GIVE BLOOD

Tuesday, Nov. 14
Wednesday, Nov. 15
StuCo

American Red Cross

Holiday Haircut and Perm Special HAIR

FORCE

Perm and Haircut \$35.00

(long hair extra)

PLUS Free bottle of Nexus Shampoo

Good thru Nov. 15 - Dec. 8

Offer good for Gina Rinck only

1421 Forum Dr.

For Appointment Call 341-5828

COMMANDO WAR GAMES

The action packed paint pellet survival game. Come play the game that's sweeping the nation. Open weekends. Just 30 min. from campus. Call for Information and Reservations Mon.-Fri., 894-8543.

ATTENTION SOPHOMORES, JUNIORS & SENIORS

If you're a Math, Engineering, Physics, or Chemistry major & your GPA is 3.0/4.0 (or better), the Navy would like to give you:

- \$1,200 a month until graduation
- Paid graduate-level training

A Navy Engineering representative will be on campus

Monday 11-27-89. Sign up at the Buehler Building

Make an appointment at the Placement Office, or call ahead for information, Nuclear Officer Programs 314-331-4307 (collect)

NAVY OFFICER

You are Tomorrow.
You are the Navy.

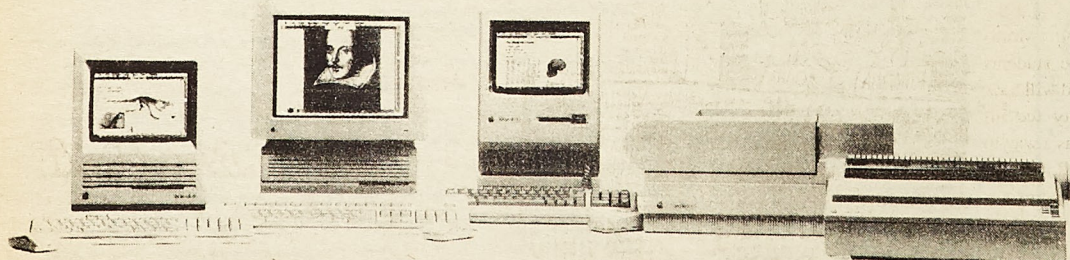
With Macintosh you can even do this:

Macintosh® computers have always been easy to use. But they've never been this easy to own. Presenting The Macintosh Sale.

Through January 31, you can save hundreds of dollars on a variety of Apple® Macintosh computers and peripherals.

So now there's no reason to settle for an ordinary PC. With The Macintosh Sale, you can wind up with much more of a computer.

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File

New ⌘N
Open... ⌘O
Close

Save ⌘S
Save As... ⌘A

Print... ⌘P

Quit ⌘Q



The Macintosh Sale.

Now through January 31.

DataPro Computer Systems
1024 South Bishop - Rolla, MO 65401
or contact Mary Hines
at Computing Services
114 Math/Computer Science
341-4841

Letters to the Editor

Is there a problem with our educational system?

To the Members of ASUM:

Congratulations to you! You have done with your 'Call to Arms' for letters to state representatives and senators what six years of petty debates and controversies could not accomplish. You have driven me to such extents that I must write and rebuke your stance on what the state needs to do for our 'higher education'. First let me state my philosophy on editorial comments — and opinions in general — they are like a feature of our anatomy, everybody's got one and they all stink. However, if all opinions do smell awful then your opinion on what the state needs to do is downright toxic!

If you would listen to the reports of every organization that has studied the area of education, you would know that the problem with our educational system is not in the high education ranks, it is in the grad school and high school systems. Therefore, any additional funds that get earmarked for higher education will undoubtedly be at the expense of the true trouble spots in our educational system. Your narrow minded views make me wonder if

you can see past the end of your collective noses.

Before you discount my letter as a mindless tirade against your views, let me inform you that I have always held the belief that it is better to light a candle than to curse the darkness. The candle that I would like to light in this area is not a new one at all. It was expressed as far ago as Herbert Hoover's inaugural address and, much more famously, at another president's inauguration — ask not what can be done for you, but what you can do to make a situation better. So what proposal can be made that would be a working solution to the problem of education at all ranks?

There is an adage that can truly be called a reflection of American thinking, no one has ever claimed to be the author of it but it echoes nearly everyone's view — "Put up or shut up!" So, with that aired, let me take the liberty of proposing what each of the involved groups of people should "Put up."

1) Students — Put up yourselves. Higher education, like any other goal in life, is not free. Nor should it be. It should be attainable by every one but

the price should reflect what is gained. If a college degree will net a person \$10,000 per year more than a high school diploma, that equates to \$200,000 over a 20 year working career. What is the price of this gain? Any business-minded person can tell you that up to a 50% investment for that kind of return is well worth it. On the other hand, where is the capital to come from that will allow students to make that investment? Or more importantly, what can be used as collateral to secure this type of capital. Answer: YOU. It is no secret either. The armed services have been doing it now for over a decade. For college tuition assistance, a student puts up himself/herself for a tour and then goes into the work force. Why can't this practice be put into effect in the civil services? If a student truly wants a higher education for him/herself, then he/she can trade five years teaching in the state public school system (at a salary, of course) in exchange for tuition assistance. This type of collateral will work much better than the present student loan system which has over \$7 billion in defaulted notes na-

tionwide. More assistance of this nature would only magnify the deficit and business foolishness.

2) State public officials — It is time to put the service back into 'public service.' You spend half your time appeasing special interests and the other half trying to save you butt so that you can spend another two years appeasing special interests. For once, I would like to see an assembly of politicians get together and manufacture a policy that has as its base common sense. To my knowledge, every time that logic has come face to face with a political problem, logic loses. We, as a public, will never be satisfied or happy but we will take the medicine to get us better if you have the stones to dole it out. The medicine for some of the state's educational woes is present. You have a huge sector of the public wanting your help in tuition aid and educational fees for higher education. You have a huge need for qualified teachers in grade schools and high schools. Doesn't this make a logical match?

3) University officials — Unfortunately, the university system has be-

come so distorted that education of its students is secondary to its need for survival. It is a fair bet that for every not-teaching official's salary, two extremely well-qualified instructors can be hired, in some cases three. I find it hard to believe that tuition increases of this past decade are due solely to the increase of instructor's salaries and school supplies. It is much more feasible to believe that the non-educational costs of the system — administrator's salaries, groundskeepers (how does it help the students if we vacuum the leaves in the fall!), and the plethora of pork barrel jobs that exist and/or created. My personal views are that Dr. Jischke's regime is creating a generation of alumni that will not give when asked. So, Dr. Jischke, take what you can now, because there will be no more later!

Now that I have put up what I believe in, am willing to participate in and would work to see instituted, I will take my own medicine and — shut up!

A Candle lighter

Student discusses his views on November 7th open forum

Dear Editor:

Another open forum took place on Tuesday, November 7. This time what I saw was a witch hunt. KMNR was the accused, while the Student Activity Fee (SAF) Board was the judge. KMNR's payroll was the only one scrutinized out of all the organizations with a payroll.

The SAF Board adjusted KMNR's payroll according to what they called "careful research." This is hardly the case. The members of this board looked at numbers, called them "out-

rageous" and started slashing. The jobs themselves were not researched.

A word about the jobs; the people that fill the 22 or so paid positions at KMNR allow approximately 65 students to walk into KMNR and play music and productions for three hours with relative ease. The end product, hopefully, is a station that allows the rest of the student body, and surrounding communities within a 30 mile radius, to turn on a decent radio station.

This brings up the point that students respond that the gym is often reserved for varsity sports. One student even complained that during finals week (one of the more stressful times during the semester) he could not play basketball because the gym floor was set up a week in advance for graduation.

I support the Chancellor's proposal. Too many students call UMR the "Black Hole University" and the Multi-Purpose Building the "Multi-Useless" Building. I hope students will not be short-sighted and will look beyond the student activity fee increase to see this proposal as a way to improve student life at UMR not only for themselves but also for future students.

Dr. Camille Consolvo
Counseling and Career Development

KMNR is the only "not strictly top 40 but somewhat classic rock - college music" station in the area. According to a Student Council poll, around 50% of the student body polled listens to KMNR at least sometimes. This rating is incredible considering K-SHE has a 12% share of its market. This poll doesn't include community percentages, which are probably very high among the under 25 crowd.

A comparison to the StuCo presi-

dent's pay was brought up. KMNR's music director is paid more than him. Okay, the average football scholarship is higher than any paid student position on campus. Are we comparing apples and oranges, or fruit in general?

Let's talk about paid student positions. According to the same poll mentioned earlier, most students polled don't want student activity fees to pay other students. I ask these students, "Who, then, is going to do

the work that it takes to entertain you?" I don't think faculty will put as much effort and time into it for the same pay as students do. Also, try to imagine a university run newspaper or radio station. Tune into KUMR; pretty entertaining for most students, isn't it?

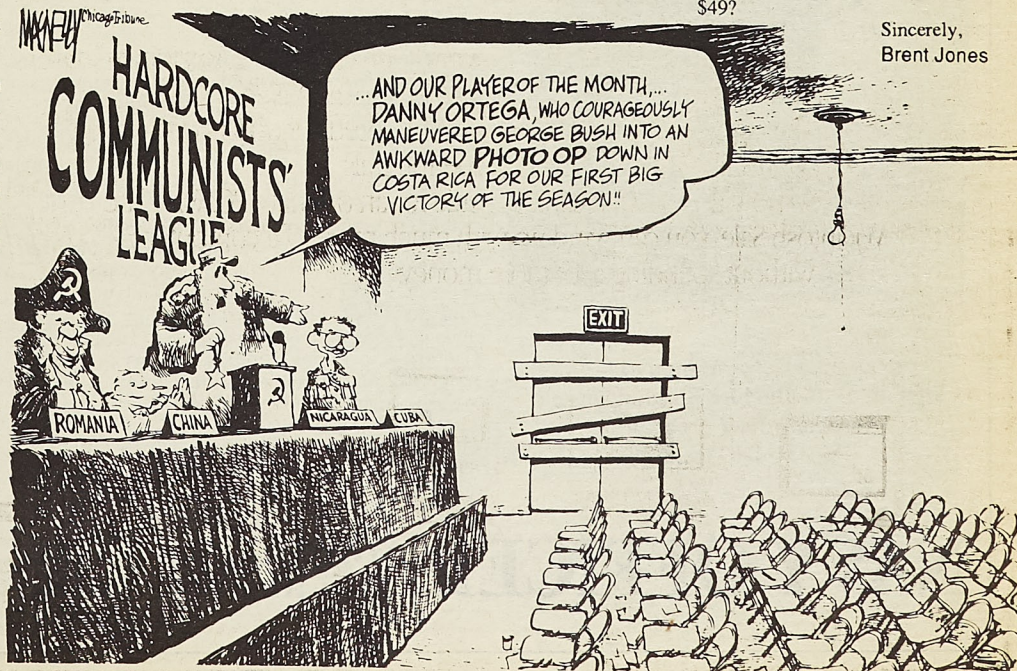
In summary, instead of trying to pick apart one part of an organization, look at the whole organization relative to its price. Is SUB worth \$11? Is KNMR worth \$6? Is Athletics worth \$49?

Sincerely,
Brent Jones

Physical Recreation Facility needed at UMR

Dear Editor:

I listened with excitement as Chancellor Jischke presented his Physical Recreation Facility proposal to Student Council Tuesday night. What an ingenious plan to avoid cutting varsity athletics and to develop a recreational facility that will better meet the needs of UMR students. In my job as psychologist and programmer in the Counseling and Career Development Office, I interact with a variety of students in a variety of situations. I frequently hear students voice their frustration about the lack of adequate recreation facilities. Students often identify stress and boredom on this campus as "reasons" for excessive drinking. For this, I recommend exercise to burn off stress, escape from studying and increase self-confidence about one's physical appearance.



Chancellor's proposal would increase attractiveness of UMR

Dear Editor,

I am writing this in regard to Chancellor Jischke's proposal regarding the building of a new intramural/recreation facility and the termination of four varsity sports. His proposal allows for the betterment of UMR.

The new building is a needed addition to our existing facilities. The Multi-Purpose Building is lacking in a sufficient amount of weight room equipment, racquetball courts, and basketball courts. The addition will help alleviate these space problems and provide increased recreational opportunity.

With nearly 60% of the student body participating in intramurals each year, the \$2.50 increase for the intramural director will only enhance an already strong intramural program. This full time staff member will be working towards better intramurals and possibly some additional sports.

The student body has rallied behind their varsity athletic teams this

semester to show their disapproval of Coach Key's proposed cuts. Their outcry was heard and the Chancellor has addressed this issue.

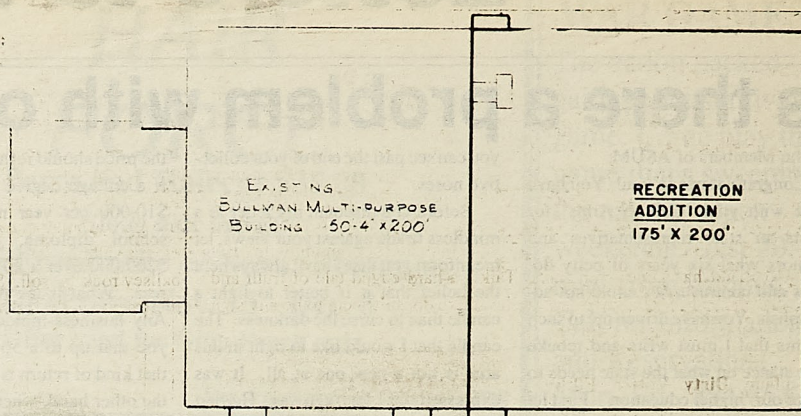
UMR has solid programs in soccer, rifle, and tennis. The men's soccer team is coming off an impressive 10-6-4 campaign while the ladies showed much improvement throughout the year in obtaining a 5-12 record. In the past, the rifle team has been a nationally ranked team and sent several members to the Olympic trials in 1988. The men's tennis team did not participate this season due to budget cuts.

My only question is what happens to the four varsity sports, if this proposal is voted down by the students? None of the \$5 increase is directed towards varsity athletics. Are the department staff cuts still in effect if the proposal fails?

The Chancellor's proposal will only enhance the image of UMR. We will be strengthening our intramural

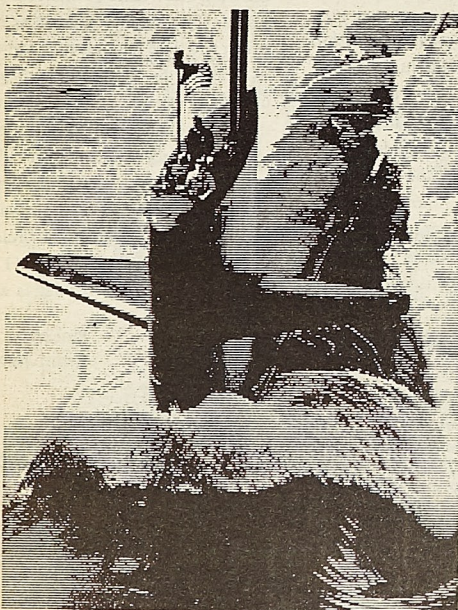
program now and our recreational facilities in the future. All of the varsity sports will remain, thus potentially helping enrollment. I hope the student body rallies behind this proposal just as they did the varsity athletics.

Sincerely,
Tom Hughes



NOTE: Athletic Referendums are due Tuesday, November 21st.

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November 28

Features

"Down Boys" set out to Warrant-ize America

By Babu Barat
Staff Writer

HOT!!! Steaming hot!!! That's the only way to describe **Warrant**. This L.A. based band has gone over and above what anybody might have first thought possible. Sporting a double-platinum (on it's way to triple-platinum) album **Dirty Rotten Filthy Stinking Rich** (Columbia Records), this quintet has definitely clinched the spot for best newcomer of the year. Singer Jani Lane, axe-slingers Joey Allen and Erik Turner, bass player Jerry Dixon, and drummer Steven Sweet, have made all their dreams come true after years of dedication and hard work.

Starting out in the clubs on the rough and crowded L.A. circuit, Warrant was the most sought after band in the City of Angels. After finally signing with Columbia Records, which isn't known for it's big name hard rock acts, this band has literally taken the world by storm. "We had a lot of offers from different record companies," said guitar player Joey Allen. "We picked Columbia because they didn't have a lot of metal acts which meant they would be able to focus closer attention on us. The rest is history," Allen enthused. History indeed! Warrant has had one of the most successful debuts of any rock act to date. Their single and video for the balad "Heaven" stayed at the top of the music and video charts for weeks on end.

Spawned by the success of their first single "Down Boys" which was

on the most requested list throughout the beginning of the year. Followed by "Heaven" which actually put the band on the map, and continuing with "Big Talk", a hard-edged tale of truth and lies, there doesn't seem to be any sign

of slowing down for Warrant. If you think that is where the hits end on this record, you better think again. The rest of the album is full of aggressive ballsey rock 'n' roll. Scheduled to be their next single and video, the balad

"Sometimes She Cries" should surpass the incredible success of "Heaven" and will readily prepare this band for their next record and hopefully, a major headlining gig in the future. It won't be long before this

band will be selling out arenas and stadiums around the country and the world. In the meantime they have joined Motley Crue in what will surely be the hottest hard rock bill this year, and surely into the 90's. They will be appearing in Kansas City on November 21 at Kemper Arena and in St. Louis on Thanksgiving, November 23, at the Arena. At press time both shows were very close to being sold out. So get your ticktes now.

Joey Allen called me last week and told me a little bit about the band and what they have planned for the future. **How are you all handling all of this success? Warrants popularity has gone through the roof!**

We don't talk to our parents anymore and we disowned our sisters and brothers (laughing). Actually, what's to handle? We're working out on the road and all we hear is numbers like when somebody comes up to us and says, "O.k., you guys just went double platinum." For us that is like wow! It's fine and dandy that we're selling records, but I don't think it's going to our heads because we're out here working and we really don't see it. It might be different if we were at home. Because if we were there and we heard ourselves on the radio all the time then it might hit a little harder because it's home. But when you are going around to different parts of the U.S. and the world, where we have never been, it doesn't really sink in. Does that make



Courtesy Neil Zlozower

Warrant: (l to r) Joey Allen, Jerry Dixon, Jani Lane, Erik Turner, and Steven Sweet currently have a new single and video out for the song "Big Talk" off of their multi-platinum Dirty Rotten Filthy Stinking Rich album (Columbia Records) produced by Beau Hill.

see Warrant, page 12

SUB to elect new officers

By Matt Licklider
Staff Writer

As the end of the semester approaches, so do class project deadlines and, of course, finals. Not all is dread, though. Before the end of the semester, the Student Union Board must elect two new directors. The positions open are for the Directorship of the Films and Video Committee and the Leisure and Recreation Committee. Although there is no monetary reimbursement involved in being a S.U.B. director, there are great opportunities and plenty of fun to be had.

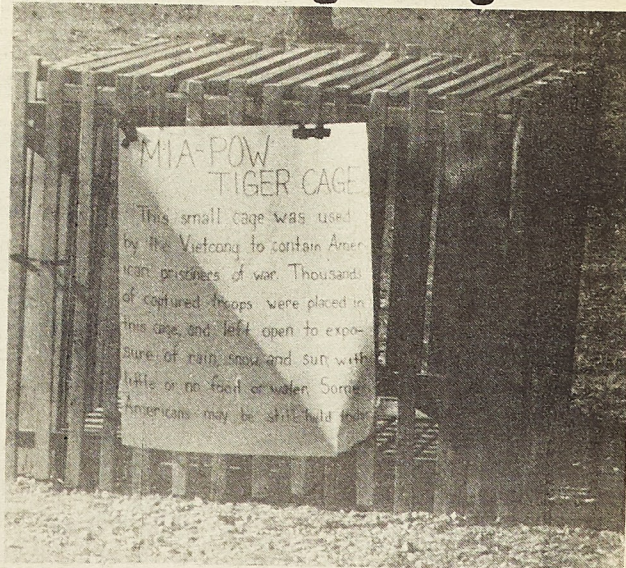
On the subject of S.U.B. members, S.U.B. would like to recognize its member of the month for the month of October, Hans Rodgers of the Concerts Committee. He has been involved with the arranging and organizing of all of the concerts offered this semester. Thanks go out to Hans for his indispensable help to S.U.B.



Coming up this weekend, S.U.B. will be presenting a comedy in M.E. 104. The hit film "Beetlejuice", starring Michael Keaton as a comic ghost will be showing at 7:00 p.m. and 9:00 p.m. Friday and again at 7:00 p.m. on Saturday. The shows are free to all UMR students.

As was mentioned late last month, there is strong evidence that Elvis could be among the administrative body of the UMR campus. Recent findings suggest that he is possibly part of the teaching staff here. There are several clues which may help to find Elvis. Number one, peanut butter and banana sandwich in lunch bag. Number two, responds to questions in a melodic reply. Number three, wears really large, sequined bell bottom slacks. If any professors show any or all of the above signs, call the Elvis hotline at 341-4220. A member of the S.U.B. Search for Elvis Committee will return calls as soon as possible.

MIA/POW tiger cage



This past week was MIA/POW Awareness Week and there were many activities that were observed. Here is pictured a tiger cage similar to those used by the Vietcong.

Bill Booth

Campus Organizations

ROTC Ranger Challenge

Submitted by
Karl Burkhalter

Ranger Challenge is a grueling two day competition between ROTC battalions across the nation. It is designed to test the mental and physical endurance of the best men and women from each school. Each school provides a nine man team to compete in eight events: marksmanship, one-rope bridge, grenade throw, weapons assembly, orienteering, patrolling, 10k road march, and physical training test (push-up, sit-up, & 2 mile run). Each event is timed and closely graded

on technique and precision.

This past weekend's competition (November 3-4), was made up of teams from both Missouri and Illinois. After the first day of competition, the UMR Stonehenge battalion team was in second place. The team finally clinched fourth place out of 21 teams with two first place finishes in one-rope bridge and patrolling. This is quite an accomplishment considering the presence of such large schools as University of Illinois, University of Missouri-Columbia, Southwest Missouri State, and several military

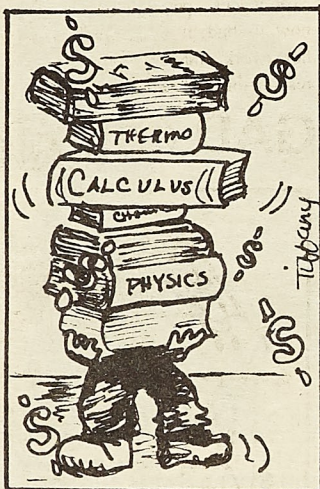
academies. The Stonehenge team's success can be credited to good senior leadership and an excellent support team which allowed the competing team to focus on the events. The members of the 1989 Ranger Challenge team were Jon Purgason, Andy Johnston, John Oberkirsch, Gary Yerby, Ken Nichols, Karl Burkhalter (capt), Jeff Shook, Tim Polesel, and Scott Hauk. The support team included: Scott Rodgers, Matt Woodward, Angelo Semifero, Tony Sterbenz, and others who helped run the rifle ranges.

Bookstore compares prices

By Scott Quackenbush
Staff Writer

At the second meeting of the StuCo University Bookstore Advisory Committee, the mark-up on books and a comparison of UMR's prices as compared to other universities were discussed.

An examination of the breakdown of the cost of an average textbook revealed that the average textbook is marked up about 20-25 percent over the original cost. Of this, 10-12 percent is taken up by payroll and an additional 6-7 percent goes toward rent paid to the University. Kevin Brady, an accountant with the University, conducted an independent study to check the prices of several textbooks used on this campus with prices on other campuses. An interesting problem experienced during this study was the difficulty finding more than one or two books that our bookstore



held common with any one bookstore. The results showed that for every book sampled, including Shigley, Mechanical Engineering Design, Norton, Norton Anthology of English Literature, and Levine, Physical Chemistry,

the UMR Bookstore was priced exactly the same as other campus bookstores around the country.

On a lighter note, the manager of the bookstore, Leland Chrisco, pointed out several instances where the Bookstore is able to provide items at substantially less than average. Most notable is Engineering Paper. Since the paper is printed with grid lines on one side and boundary lines on the other, suggested retail is \$8.15 for a package of 250 sheets, but because Barnes and Noble buys in such quantity, the Bookstore is able to sell the paper for \$4.19.

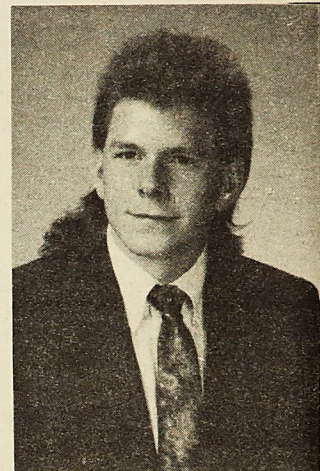
Part of the meeting was also given over to the preparation of a survey on student and faculty satisfaction with the University Bookstore. This survey will be distributed at the Bookstore in the near future. It is hoped that all students and faculty who use the bookstore will complete one.

Miner of the Month

Submitted by
Blue Key

Blue Key National Honor Fraternity is proud to announce Michael Fox as the Blue Key Miner of the Month. Mike was nominated by Sigma Chi Fraternity. His involvement in the Rolla Optimist Club and Sigma Chi Fraternity has earned him this honor.

Mike devotes his Saturday mornings to referee local youth in their soccer matches. He then coaches them on the finer points of the game of soccer for the rest of the afternoon.



Mike is also very active in the Sigma Chi Fraternity. He is presently the Rush Chairman and has established a new summer rush program that proved effective for the fraternity. He also is serving as a pledge trainer.

We feel Mike's dedication to Sigma Chi and the Rolla Community makes him an excellent choice for Blue Key Miner of the Month. Congratulations Mike!

AUSA is Army's voice

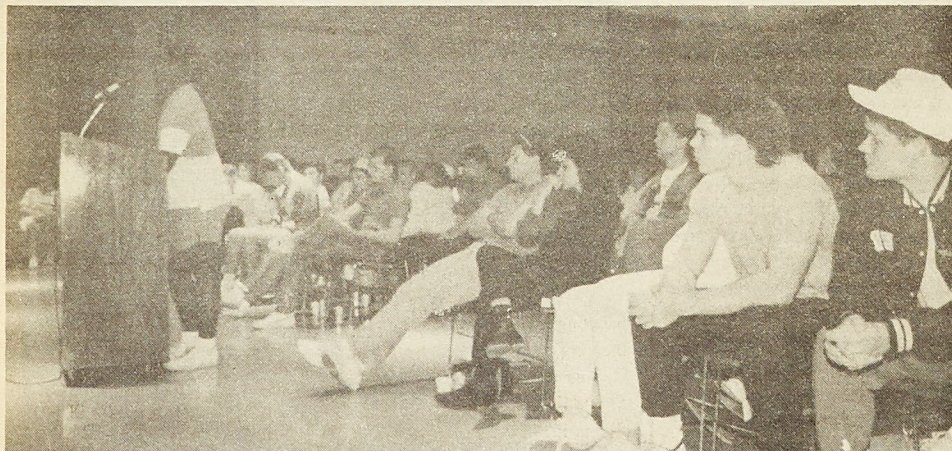
By Matt Licklider
Staff Writer

There is an organization that is "one voice" for a total army. The Association of the United States Army is that voice. Its principle objectives are education of the public, liaison with industry, and support for the people who serve in their country's uniform, and their professional military development. The AUSA meetings here at UMR provide students with an opportunity to learn about the varied role of the Army in national defense. It also allows cadets a chance to associate with fellow cadets.

The UMR post recently brought home a national award. The award is in recognition for the best meetings of all ROTC chapters across the nation. The award, presented at the national convention in Washington, D.C., was accompanied by a \$150 check from Martin-Marietta. Much of the credit for the award is due Sarah Blunt, the AUSA secretary. Her diligent efforts made it possible to win this distinguished award.

The 1989-1990 year brings a fresh outlook of new speakers and a renewed commitment to excellence. For more information, contact Karl Burkhalter, president of the CDT Post.

Students speak out at open forum



Susan Lowe

StuCo held their Open Forum on Tuesday night over the Student Activity Fee increase.

Amnesty International to meet

Submitted by
Amnesty International

The UMR Chapter of Amnesty International held a meeting on Sunday, November 5th. Although not yet an official chapter of Amnesty International, the group has discussed ways to help out its parent organization, such as participating in letter writing campaigns, educating the public about human rights issues, and raising money for AI, through local concerts and merchandise sales.

AI is a worldwide organization whose goals are bringing about the release of prisoners of conscience (people imprisoned for their religion, race, sex, ethnic origin, or personal beliefs), bringing about impartial and prompt trials for political prisoners, and ending torture and executions

everywhere. To achieve these goals, the organization will write letters to the violators asking that they stop, raise the public awareness concerning human rights, or lobby a government (such as ours) so that it will use its diplomatic clout to end atrocities in other countries.

AI has gained a lot of publicity in the past few years through such things as the Human Rights Now! world tour which featured such artists as Peter Gabriel, Sting, and Tracy Chapman. It has hundreds of chapters on college campuses throughout the nation, and thousands of chapters all over the world. The next meeting of the UMR chapter will be held on Sunday, November 19th at 6:00 p.m. in room 203 of the library. For more information please contact Jim Kaiser at 364-9932.

Voyage on the Questionmark English Club to form

Submitted by
Deborah Sinow

Deborah stretched and shoved her knitting aside. The rest of the crew had already gone to bed and, as usual, she had stayed awhile in the common room to unwind a bit. She had been busy most of the day with pre-decent preparations. As engineer on the "Questionmark" she was responsible for checking all the systems, including the thermal control system.

At least the ships captain and crew leader, Enoch, had been able, and quite willing, to help her. They had gone outside to check the ships hull in the course of the checkout to make sure the coolant pumps were fully functional and none of the microscopic capillary tubes running through the ships skin were blocked. They'd been fortunate in that everything was working properly.

The hardest thing about working EVA, was just that - WORKING. One is always tempted to move your eyes from your work to the surrounding stars or, if you were orbiting a planet, to the panorama below. Gas giants were generally the most interesting to look at. Their swirling, usually colorful atmospheres were awe inspiring. But habitable planets had a certain appeal for Debbi, nonetheless. Their swirling clouds obscuring masses of blue ocean and bits of green and brown land masses were fascinating. It was almost a hobby to watch the gaps in the clouds and try to make out the continents. Enoch had had to break her out of this past time more than once.

"Hey, woman! We've only got six hours to get this done," he'd say with helmet touching- and blocking her view of the planet below. Then he'd give her a friendly shove and go back to his part of the check. Enoch wasn't immune to the pull of planet gazing either. Deb had caught him catching a few prolonged glimpses herself.

Planet gazing was awe inspiring, but she preferred to keep her hands busy. Hence knitting. That and several other handicrafts made up her hobbies. The rest of the crew were rather impressed by her handiwork. The handmade touches tended to warm the atmosphere of the otherwise austere ship.

The ship was small, and so was the crew. Just barely enough people to serve on a scientific expedition. There was Enoch, the ships captain and pilot, who was well versed in most of the sciences and arts. Besides being captain, he served as a useful assistant to the rest of the crew. Next in line was herself, as engineer, navigator and co-pilot, she was second in command. Her duties often included assisting Noah in his research, and since she had considerable interest in ancient technologies, she rather enjoyed the time she spent helping him. Noah was the oldest member of the crew and, ironically perhaps, the historian.

Noah specialized in pre-space history. His particular specialty was the development of civilization. He'd talk for hours about how the Kohls had developed from simple tribal societies all the way to the vast complex empire that now occupied several planet systems near the center of the Milky Way. He was really looking forward to being planetside and starting his research into alien civilizations. Their work had mainly centered on researching various alien societies, including the little that was known about this particular planet.

The intelligent life form on this planet was apparently a primate, although a sea-dwelling mammal was apparently quite intelligent also. The primates, however, had apparently developed a tribal society and had developed some rudimentary tools. The expedition was here to explore

parts of the planet and observe the inhabitants.

The other woman on the crew, Sarah, also interfaced with Noah, but rarely on a professional basis. She was a biologist and specialized in evolutionary processes. In a way, that was how their specialties interfaced - they both dealt with dynamics. Sarah just knew more about non-intelligent life. She sometimes joked about politicians being included in that area. Actually, Sarah worked with Lot more than anyone else. Their discussions generally concerned chemical processes in cells, although occasionally, Lot would be found separating out DNA samples for her.

But Lot preferred to study chemical processes in cells. He was a biochemist and as such, his main interest was finding the differences (and similarities) between the chemical processes of life on different planets. This expedition was a boon for him, as it would allow him to examine life on a different planet first-hand.

Deborah was looking forward to landing too. As much as she enjoyed and was impressed by technology, she loved nature. And it was tremendous fun watching the halo of ionized gases around the ship. Hypersonic aerodynamics in action: at the speed in which they entered, the atmosphere heated to some 6000k, enough to seriously weaken or melt several areas on the ships hull. The EVA check that day had been a necessary precaution. If the liquid hydrogen wasn't circulating properly, that heat wouldn't be pulled away before the ships hull crumpled. Well, sahe and Enoch had performed a most thorough check. Deborah was confident that the ship was ready to land, but she'd better go to bed and to sleep so she'd be sufficiently alert for descent.



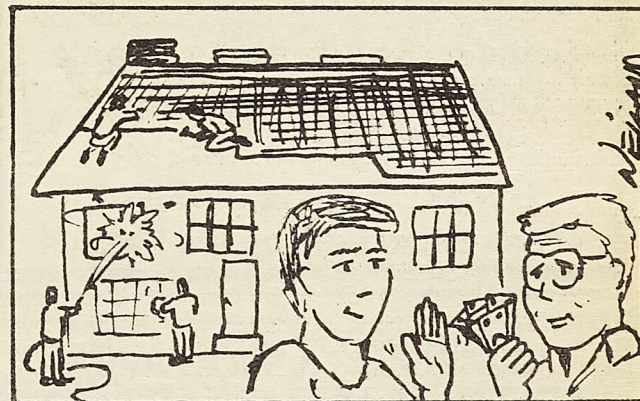
By Gerald Combs
Staff Writer

There is a new organization on campus for English majors. It is called the UMR English Club. Throughout the year, the club will bring in local writers who will share their publishing experiences, speakers who will show how to budget one's time between homework, family, and day-to-day responsibilities. The club will also

provide information on employment opportunities for English majors.

Other activities, such as a Christmas party, a book sale in the spring, and a trip to see either a play or the symphony in St. Louis are also planned. Meetings are held on the first and third Wednesday of each month in room 204 of the H-SS building, and the next meeting will be on November 15th.

GAD completes projects



By Matt Licklider
Staff Writer

On October 22, the members of Gamma Alpha Delta completed their fall service project. This project consists of the service fraternity going out into the Rolla community, searching for a citizen of the area who is in dire need of help. This task, usually comprised of yard work and minor house repairs, is done without reimbursement.

This year's fall project was completed at the residency of Mr. Brouns. The work included roofing work, repaneling, and retiling. The turn out for the project was extremely good, including members from Kappa Alpha, Sigma Phi Epsilon, Theta Xi, and Sigma Pi.

Also in regards to GAD, the major service project of Kappa Alpha was

completed on October 21. The project, commonly called a house project, was done by members of KA who were willing to give their time in service to their community.

The project was conducted at the Golden Age Center in St. James. It consisted of painting a small foyer area at the entrance of the building and cleaning windows all the way around the structure. The work lasted throughout most of the day, and, when it was completed, the workers were provided with a hearty meal. The work was of great help to the center, since they have no means of reaching the heights of the windows or the upper walls of the foyer. This task was completed cheerfully by the volunteers.



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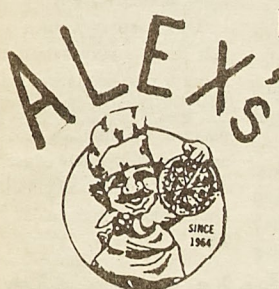
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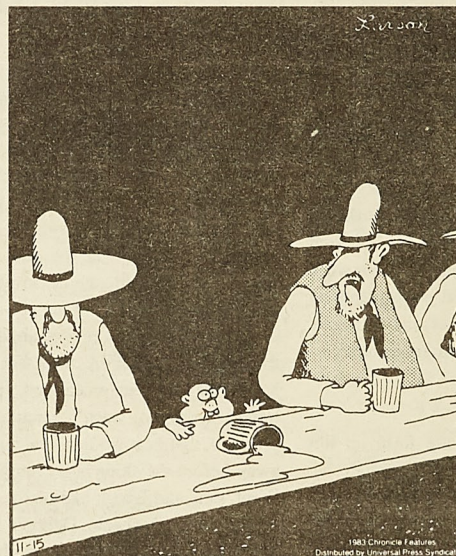
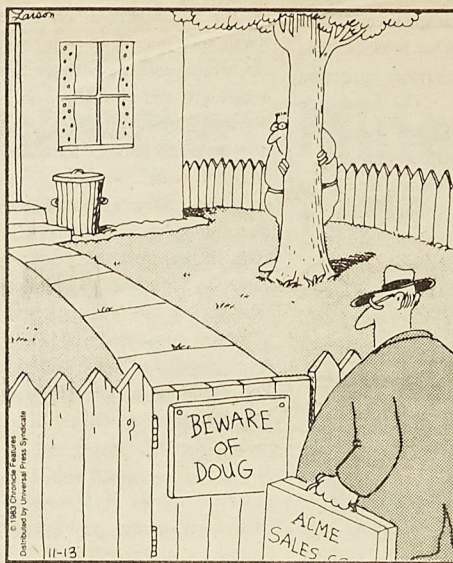
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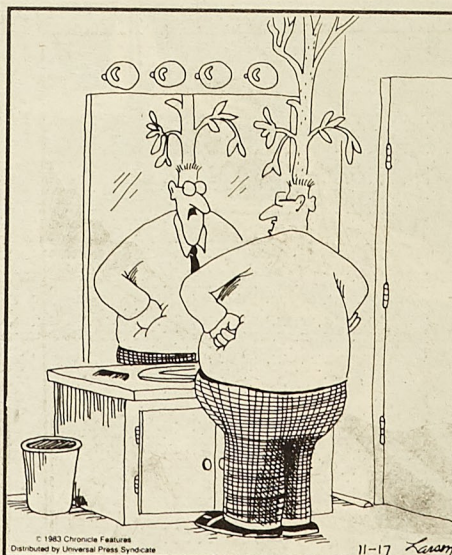
Free w/ID



**THE FAD SIDE
DISRAEL**



"So! ... You must be the one they call 'The Kid.'"



"Wouldn't you know it! ... And always just before
a big date!"

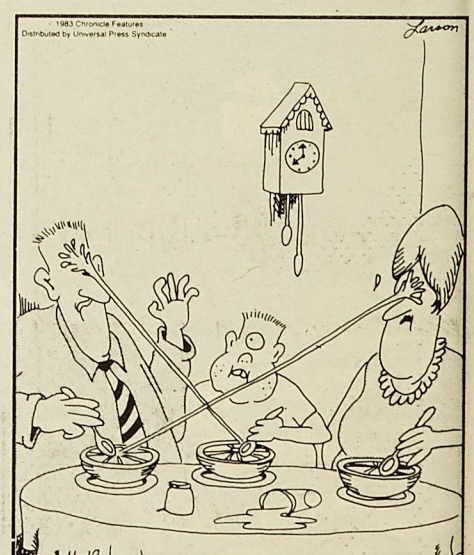
By GARY LARSON



"Blast! Up to now, the rhino was one of my
prime suspects."



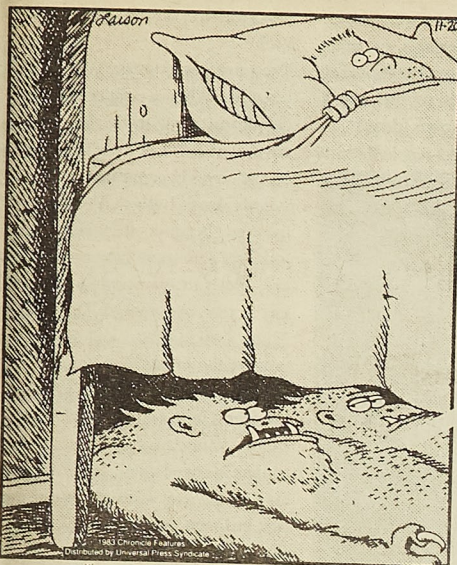
"By the way, we're playing cards with the Millers
tonight ... And Edna says if you promise not to use
your X-ray vision, Warren promises not to bring
his Kryptonite."



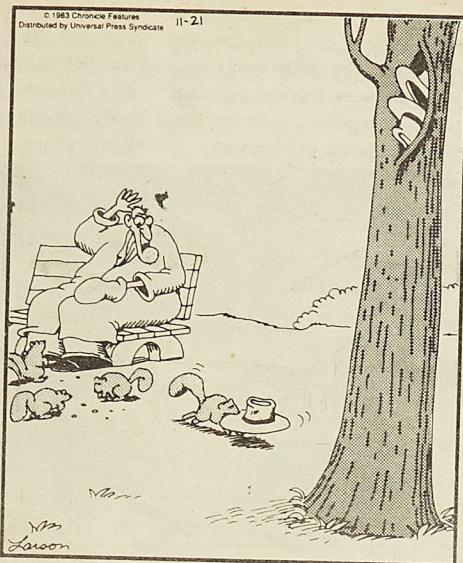
The Cyclops family at breakfast.

By GARY LARSON

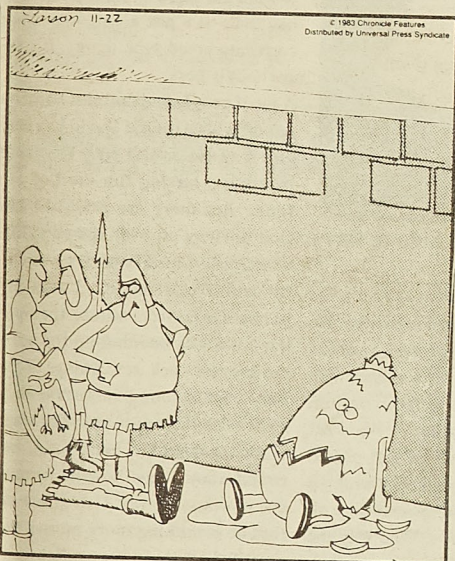
THE FAR SIDE



"I've got it again, Larry... an eerie feeling like there's something on top of the bed."



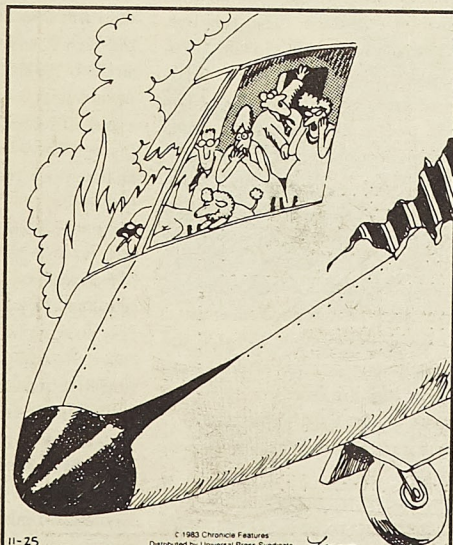
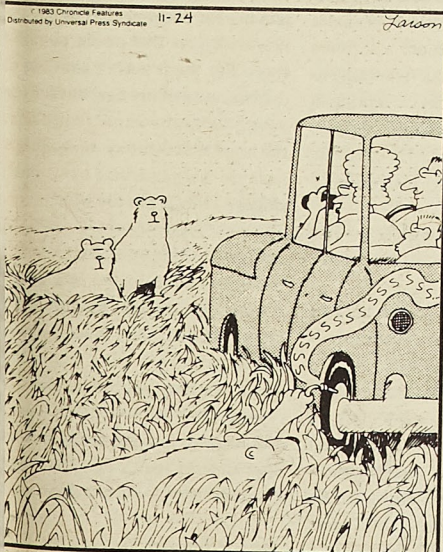
"YOU again!"



"It's Henderson again, sir... He always faints at the sight of yolk."



"Trapped like rodentia!"



Suddenly, amidst all the confusion, Fifi seized the controls and saved the day.

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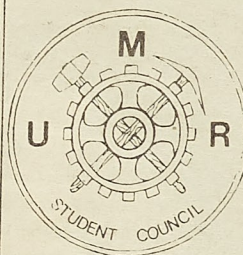
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any sense?

Sure! But what about the feeling you get when you walk into a store or a restaurant and people recognize you?

It's great! It's very flattering. I'm happy that is happening. I'd rather have it happen than not happen.

There was some talk about releasing "32Pennies" as a single, but it never happened. What happened with that? I really like that song.

Yeah, it's a great song. Originally, we wanted the very first single to be "32 Pennies". Basically the label test marketed a few songs to see how the public received them. They went with "Down Boys" first. They test marketed it and it did great so they suggest we release that as the first single.

Do you have any plans to release it as a single?

Well our immediate plans are to release "Big Talk", which is our new single. The fourth single will be "Sometimes She Cries". If we get to five singles it will be incredible. I think we definitely have five on the record.

A lot of people think "Sometimes She Cries" is better than "Heaven". So that should just add to the fire. I hope so. Only time will tell.

What exactly happened in Dallas? There has been a lot said, and apparently the band was pretty upset with the city, and the city was upset with the band.

We were upset because we felt we were used as scapegoats. This is what exactly happened from our point of view. We played a place called Dallas Alley. It was a free outdoor show in an alley setting. You can get up to 30,000 people there. At the time the show was booked they figured maybe 5,000 would show up. Over 25,000 showed up. They were not prepared. They didn't have enough security or enough police there. The city was not prepared for the show, period. If they were prepared, they would have had the proper amount of security personnel there to police the show. Usually that is how it works right?

Right.

So what happened was a fire truck was going through an alley to get to some people who were injured. It was going right through the middle of the crowd. When it got to the middle of the alley it was surrounded by people. And when there's 25,000 people there, how are you going to get them to move? We didn't know what was going on at the time. We did not provoke anything. The next day the press in Dallas said that Jani said "Screw 'em, it's your street, you don't have to move." This was never said. We would never intentionally stop anybody from getting help. We are just not that kind of a band. Who would ever do that. We wouldn't wish any of our fans to get hurt. If anything, we would have

stopped and asked everybody to back up and move. But nobody told us what was going on. Basically we were used as a way out for the city. They weren't ready for a rock 'n' roll crowd. They also had a bunch of minors drinking. We don't provoke that. We didn't feed them any alcohol. Basically that is the story in short.



Courtesy Jeff Macchi

"We don't consider ourselves to be a "bad-boy" type of band. We just want the kids to have fun," said Joey Allen seen here with Babu after a recent headlining show.

It seems a lot of times rock bands get the blame for something like that. That is a sad situation because rock 'n' roll is really a good thing.

Yeah. After that the city said they were going to ban all the shows in that area. Then they said, no, we are just going to ban hard rock and heavy metal. That's a bad attitude. We went back about a month later and did Taste of the Texas Jam with Cinderella, White Lion and Bad English. That gig went just fine. But we almost got banned from the city. Which if that would have happened, it would have made us very angry because it was not our fault.

So are you guys ready for "THE TOUR?" The tour with Motley Crue.

Yeah, I think it is going to be the big one. We've worked really hard. You saw us when we played the clubs, back with D'Molls. So you know. And then all the work since then. We have been plugging it really hard. There's a lot of politics involved in getting a tour. Then finally it was like if we could get any tour that we want, which one would it be? It was the Motley Crue tour. We wanted to get out with Motley because it would be insane. Then we got the phone call from their manager. They gave us the first leg, and now it looks like we might get the second leg because the first leg is

selling out everywhere.

It's a great bill! It's like having two headliners.

Yeah! Motley's album has gone double platinum and so has ours so it will be great. We will be in rehearsals for about a week, working out a new show. We are going to add a new song that will be on the next record.

told him if he learned the piano, I would learn the harmonica. There's a lot to live up to when your first record did what ours has. There's that sophomore jinx. This material is just great.

On DRFSR, did you all collaborate in writing the songs or did everybody bring in their own ideas?

When we got signed we had thirty

Beau. It was great to get back in the studio and work!

How did the band come up with the concept Dirty Rotten Filthy Stinkin' Rich?

The song is four or five years old. Jani wrote it. When we sat down trying to decide on what to do for an album cover we said "Let's not put ourselves on the cover because that is what everybody does. Let's don't put a girl on the cover because everybody does that too. Let's do something totally different. Let's throw people a curve ball. Let's call the record Dirty Rotten Filthy Stinking Rich, and let's have this guy on the cover who resembles the ultimate in greed. Like he's busting at the seams with money. All he thinks is money, money, money!" It's kind of a tongue in cheek thing. It has nothing to do with the way we think. We're not in this business for the money, although it's a great fringe benefit. It's definitely not our first line of thought. We got into it to play the music and to play in front of people. That's what we're in it for. That's what we get off on. So it's not the band's motto or anything like that. It's just a tongue in cheek corporate greed type thing. It's like anybody's boss.

A lot of people feel that this band has left off where the old David Lee Roth and Van Halen left off. The whole party and having fun kind of attitude. But there are a lot of bands

that portray an over-the-edge kind of attitude which is what gives rock 'n' roll a bad name. I was at a particular concert where the opening band was opening up for one of the biggest rock acts today. There were a lot of young kids at the show some with their parents. The singer of this particular band said, in a round about way, how he dropped out of school in the 11th grade and that he is making more money than any of the kids in the audience will ever make. On top of that he had all the kids yelling F*!K YOU and other creative adjectives. I saw parent leaving the show at that point. And it wasn't just five or six people either. For me it wasn't that big of deal because of my age, but for these young kids who came to see one of the biggest acts today, they missed because this particular band and it's singer. They probably won't ever be allowed to see a concert again. Jani gets carried away too.

Yeah, but Jani does it in a positive context. He doesn't use it to get the crowd excited. The music does that for Warrant.

There is a fine line, but we aren't that type of band as I said. We want kids to have fun and come back in after time to see us again and again. We don't need to curse to have a good

Speaking of a new record. What plans are you all making towards the next release?

Well, this album was recorded over a year ago, but it came out February 1st. So it has been 10 months. But we went to Europe for a promotional tour. When we came back we spent two weeks down in Florida shooting a new video and we did a lot of production stuff as well. We went into the studio for three days. The first day we learned eight songs that Jani had written. The next day we layed them all down on a 24-track. That was live. The last day we went in and sang. Now we have an eight song demo. They sound great by the way. Just doing them that quick makes them sound great. Those eight tunes are happening. Jani's got a lot more. Also, everybody in the band is writing a lot more so I don't think we'll have any problem with the amount of material. The stuff we did is a lot harder than the first record. We've got a balad that is just insane. If you think "Heaven" and "Sometimes She Cries" are good, wait till you hear this balad.

That's almost hard to imagine.

Who played the piano?

We had a guy come in and play it for the demo, but Jani has been talking about learning how to play the piano. I

tunes. Most of them were Jani's because Jani is the chief songwriter. He has been writing longer and he just has a knack for writing. He was born with that talent. Kind of like an extra arm. But he is a great writer. We went through the thirty songs and picked thirteen to record. We picked what we felt were the best songs and they all happened to be Jani's. The way the songwriting works in this band is Jani will come in with an idea for a song. Usually he will come in with a melody line and the lyrics. Then the whole band will dissect it in rehearsal studio and then it will come out a finished product. We all have our five senses to say about it. It's not like he'll bring in a song all done and say play it this way. It's not that way at all. He comes in and then you could say that we Warrant-ize it.

How was it working with Beau Hill and do you plan on working with him again?

It was great working with Beau. It was easy to work with him. He made it easy. He really didn't tear anything apart. He had some good things to say. Sometimes he would say "O.k., we tried it your way, now lets try it my way." Whichever way sounded better was the way we went. He never did anything to make us sound different than we wanted to sound. The stuff we did in Florida was also done with

see Warrant, page 13

Warrant

from page 12

time. But that is the way that band does it's show. I like their show. They are a great band.

Anyways, I wanted to touch on the motorcycle helmet commercial that the band did. What brought that about?

Basically, the Motorcycle Safety Foundation of America wanted to get a rock act to do a P.S.A. on motorcycle safety and helmet laws geared more toward the younger kids. Sixteen and seventeen year olds who go out and buy these rockets and don't wear helmets or don't know how to ride a bike and then end up with their brain on the sidewalk. We did it for them on the basis that we're all going to preach to anybody. We just said that if we can do anything to help then that's fine. So what we said was if you're going to ride, dress for it and learn how to ride because we want to see everybody at the next show. That's how the P.S.A. ends and that's all we had to do. It's not a cut on anybody who doesn't ride with a helmet. It's just if you are going to ride, do it right.

How long has the band been together?

The band as it sits has been together three years.

I try to ask L.A. bands who have made it how they feel about the pay to play that has suddenly garnished such major national attention. Did you all experience pay to play and how do you feel about it?

We didn't have to experience it, but we don't support it at all. I think it would be great if all the bands said "O.k., that's it! We are not playing," and then there's no live music for a month. That would mess up all the club owners and maybe they would figure out what's going on. It's a damn shame that clubs are doing it. There's enough of a battle in getting to be good enough to play in clubs without having to worry about selling tickets for your show. You've got to pay for rehearsal, pay for promotion, work a day job so you can pay for all this stuff. Then you've got to practice all night long. Why make it tougher? The only reason promoters are doing it is because it guarantees them that they won't lose money. We don't approve of that at all. Look, I took a gamble and I lost a lot of money in the beginning. The promoter should

be willing to do the same thing. It's called investing in the future. If you get a band that you believe in or think will maybe do something, and they will make you money at the door, then you invest in them. They shouldn't have to invest in you.

Tell me about yourself. How did you get interested in the guitar?

I was 13 years old and one of my sisters had the KISS ALIVE record. I was like WOW! What the heck is this?!!! I put it on and scratched the s#!t out of it and I just got into it. From there I went to work at a beauty salon for two weeks so I could buy my first guitar. I was never really trained. I've taken lessons from different guitar players that I've been on the road with since we've been out. I listened to early KISS, early Van Halen, Randy Rhoads as a guitar player, John Sykes, the band Thin Lizzy, AC/DC; basically a lot of the guitar players from the seventies.

I heard you the band got invited to Robin Crosby's bachelor party. How does it feel to be able to hang out with musicians who were so successful before you were in Warrant?

We were a really big L.A. club band just like Motley and Poison and other bands before we were ever signed. We always knew Poison because we played with them. They were always over-supportive of us. They were great. All the other guys like in Motley and KISS and Ratt, you get to a point where you get accepted. It's kind of weird. It's like being accepted into a club, kind of like a fraternity. You have to go do something to be accepted. It's really great. We have a lot of good friends who are in the business and it's neat to communicate with them because you learn things from them that you otherwise might have to learn on the road.

What's in store for the future?

Basically, just getting through this Motley Crue tour. We're looking forward to coming back across the United States. We really have a fun time playing live and since the album has gotten such a great response, we feel like we should get back out so the kids who have seen us can see us again. And the kids who missed us will get a chance to see what Warrant is all about. Hopefully we will pick up a few

new fans along the way. We also hope to tour Japan where we have been received very well. We also have plans to do something in Europe, though nothing has been confirmed. After that we will continue pre-production on the next album and hopefully go back and make another record next year.#

Don't forget to pick up your tickets to see Motley Crue and Warrant. They will be appearing at Kemper Arena in Kansas City on November 21 and then in St. Louis on November 23. As previously stated, tickets are selling very fast. Both shows are close to being sold out.

In the meantime pick up a copy of Dirty Rotten Filthy Stinking Rich, if you're not already one of the two-and-a-half million people who own it already. You'll be glad that you did.

Thanks to Shelly Halpern and Dan Pine for making this interview possible. And special thanks to Joey Allen for being a great sport and taking time out of his busy schedule to share his thoughts with us.

Soundgarden indulge with Louder Than Love

By Babu Barat
Staff Writer

O.k., so maybe I didn't like this album when I first got it. But everybody kept telling me how good it was. After a little persistence I found what was so incredible.

The album I am referring to is the debut release on A&M Records from Soundgarden called Louder Than Love. A cross between heavy metal and freaky punk, Soundgarden belt out catastrophic tunes that hit you below the belt. The raunchy guitar sound of Kim Thayil, thunderous drumming of Matt Cameron, and backbeat of Hiro Yamamoto (who was replaced by Jason Everman after the release of the record) are ever-present; fronted by the lewd and crude vocals of Chris Cornell. Axl Rose of Gun's and Roses stands to be one of their biggest fans so you can imagine what stands to be heard.

These are BIG-sounds that tend to engulf the listener, but deep in the grooves of the record stands one of the most unique and innovative underground bands that deserves to be heard.

Following in the footsteps of bands like Jane's Addiction and Circus of Power, Soundgarden are stirring up a lot of commotion all over the country. Attracting fans that range from skate kids to headbangers, this quartet just can't be placed. Their music can be described as psycho-pop-rock, for lack of a better set of words. To be a fan you must not rely on first impressions.

Louder Than Love was produced

by Terry Date (Mother Love Bone, Metal Church, Fifth Angel) who mastered Soundgarden's sound on tape. Songs like "Big Dumb Sex", "No Wrong No Right", and "Hands All Over" should take this Seattle-based band from being one of the Northwest's biggest secrets and bring them to the forefront of the hard rock, alternative, heavy metal charts. That's how easy it is to categorize them.

Regardless, don't take this band or their record any more serious than you have to. Just be forewarned that it is not for listeners with delicate ears.

With so many bands jumbling up the L.A. club circuit right now it is amazing that promoters and record companies have the patience to distinguish between the good and the bad. But it all has to come from somewhere and L.A. is as good a place as any. Fortunately for Flies on Fire the time finally came. After winning MTV's basement tapes competition, the Flies were signed to Atco Records.

Their self titled debut marks a change from the glam-rock L.A. has been infamous for. Their style and punch epitomize the missing link that modern music has forgotten. This link is what made bands like The Rolling Stones and The Doors. No flash. Just straight forward non-commercial classic tunes. You hear the drums, the guitar, the bass, and a lot of talent. This quartet, Terry Messal, Tim P. (that's right no last name), Richie D'Albis, and Howard Drossin perform a new and refreshing fun-rock.

Sure to be great hits are such rebellious tracks as "Baptize Me Over Elvis Presley's Grave". Original isn't it? Would you have given a song that

By Gerald Combs
Staff Writer

Camper Van Beethoven's newest album, Key Lime Pie, is possibly their



Courtesy A&M Records
Soundgarden: (l to r) Kim Thayil, Matt Cameron, Jason Everman, and Chris Cornell are currently on a nationwide tour.

name. Just wait until you hear the lyrics. Flies On Fire also shine on "Let It Roll" which is their story of the creativeness it takes to get a record deal. It's amazing, but you may actually be amused. Isn't that what music is supposed to do? I thought so.

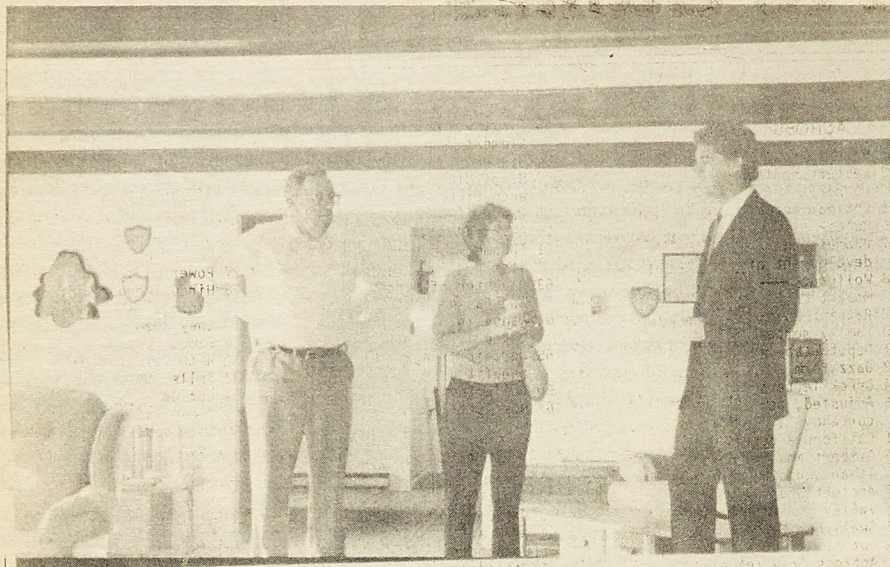
Entertain. That's definately what Flies On Fire do. Enough said!

best. This band has always been known for their ability to successfully merge the violin with the electric guitar, and this ability has improved significantly since they replaced their old violinist, Jonathan Segal, with the classically trained Morgan Fitcher. Throughout most of the album, her violin simply flows in the background,

providing contrast to the three guitars in the band not found on the previous albums. There are only two instrumentals on this album, which is a lot less than in previous albums, and lead singer David Lowrey's vocals still come in quite clear on all the other songs. Fitcher's violin playing really comes out in their version of Status Quo's "Pictures of Matchstick Men". This is no ordinary cover. The violin lends a facet to the song not found in the original. All in all, this is a very good album, providing a fresh alternative to the dull and boring norm.

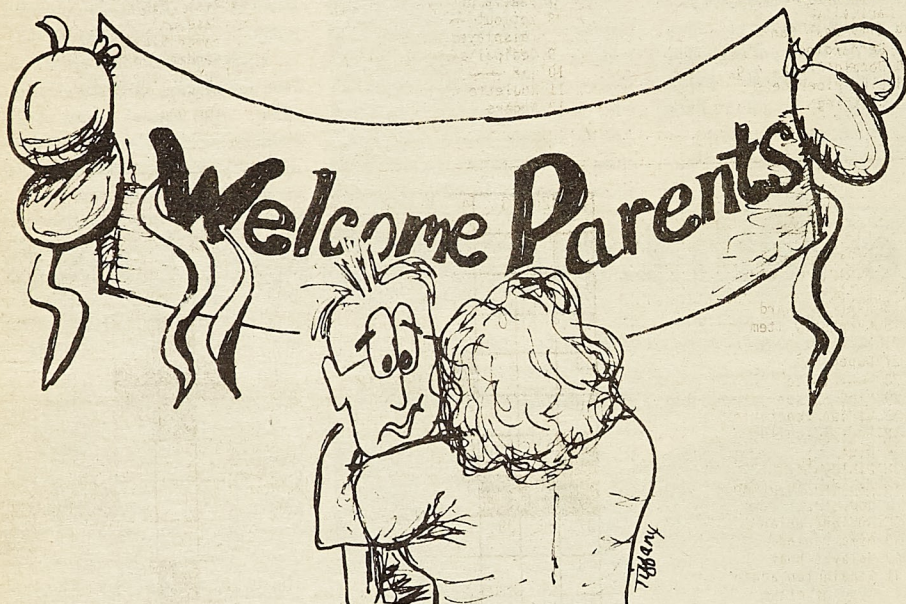
The Indigo Girls consisting of Amy Ray and Emily Sailer, have known each other since childhood, and this becomes readily apparent on their self-titled debut album, Indigo Girls (Columbia) released early this year. Their ability to compliment each other both musically and lyrically is simply incredible. Most of the album is acoustic, with the two playing guitar and exchanging harmonies with awe-inspiring adeptness. They did, however, receive help on a few songs from the likes of R.E.M. and Hothouse Flowers, who, incidentally, accompanied on the album's best song, "Closer To Fine". This song shows them at their finest, with a flowing melody and strong lyrics. In fact, the entire album conjures up vivid images which portray a world full of hope and despair. If you want something a bit more complicated and serious than the likes of Debbie Gibson, this is the album to go out and buy..

Parent's Day 1989 was a great success



Susan Lowe

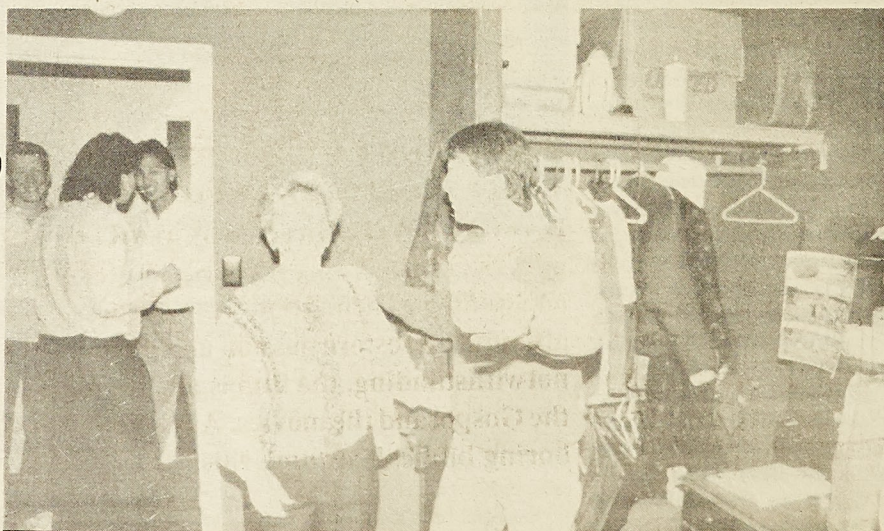
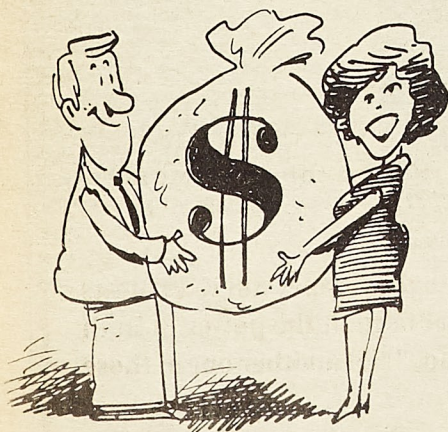
PARENTS' DAY



Saturday the 11th proved to be a beautiful day for the annual Parent's Day activities. Many of the parents attended luncheons provided by the various organizations and then headed off to the football game. Clockwise from the top: Dan Finklang of Sigma Tau Gamma greets parents as they arrived Saturday morning. Other students took their parents of campus tours during the afternoon. While some of the students showed their parents how 'clean' their rooms were.



Bill Boon

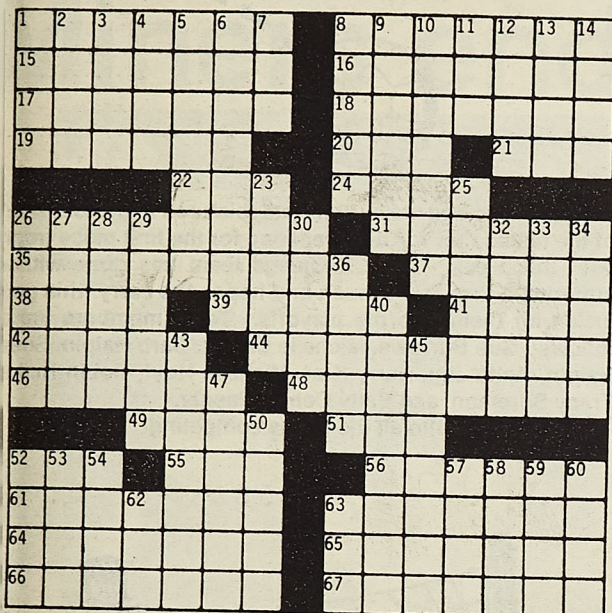


Susan Lowe

Who loves Ya?



Fun & Games



ACROSS

- 1 Book covers
- 8 Western hemisphere country
- 15 Chilean seaport
- 16 Rules
- 17 Promote the development of
- 18 Wolfgang — Mozart
- 19 Patriot Hale
- 20 Family member
- 21 Depot (abbr.)
- 22 Jazz form
- 24 Greek letters
- 26 Adjusted, as currency
- 31 California desert
- 35 Gilbert and Sullivan output
- 37 Ancient Greek Valley
- 38 Swelling
- 39 Cut
- 41 Actress Grey, et al. activity
- 42 Paul Bunyan
- 44 City near San Bernardino
- 46 Donald Trump, e.g.
- 48 Like Liberace's clothing

- 49 First word of Clement Moore poem
- 51 Sister
- 52 U. of Michigan's arch-rival
- 55 Lawyer (abbr.)
- 56 A friend —...
- 61 Income statement item
- 63 Daughter of Minos and Pasiphae
- 64 Pause in a line of verse
- 65 Certain fringe benefit
- 66 Collected
- 67 Most uptight

- 13 Scandinavian king (var.)
- 14 Organization (abbr.)
- 23 Tchaikovsky
- 25 Chinese province
- 26 Actor who played Mr. Chips
- 27 Powerful glue
- 28 Hindu language
- 29 "Things — what they seem"
- 30 Famous cup
- 32 With full force
- 33 Sells: Sp.
- 34 Let up
- 36 " — Little Foy's"
- 40 Like some courses
- 43 Section of Brooklyn
- 45 — joke
- 47 Disposition
- 50 Beginning for fast
- 52 Killer whale
- 53 Line of stitching
- 54 Eye layer
- 57 Prefix: nose
- 58 Miss Adams
- 59 Baseball hall-of-famer Slaughter
- 60 Fender imperfection
- 62 Suffix for count
- 63 Mighty Joe Young, for one

DOWN

- 1 Islamic spirit
- 2 Beginning for lung
- 3 Mr. Gowdy
- 4 — and kin
- 5 Unchanging
- 6 Attendances
- 7 Meet a poker bet
- 8 Let out — (displayed shock)
- 9 Oedipal symptom
- 10 Tax —
- 11 Roulette color
- 12 Angers

ACROSS

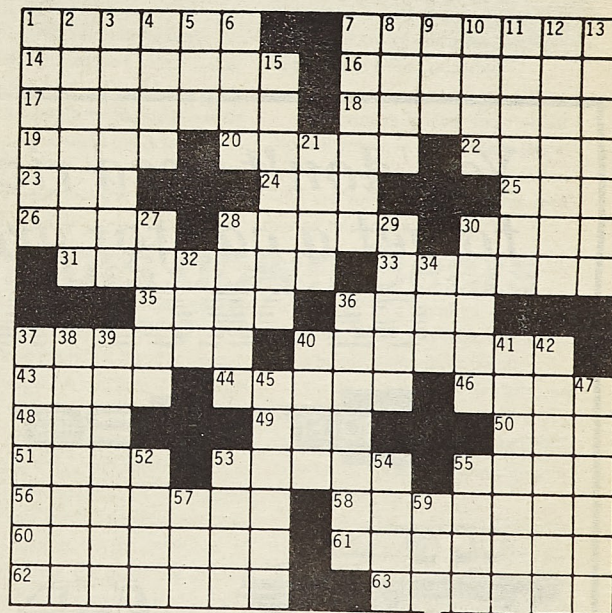
- 1 Discolorations
- 7 — Coast (India)
- 14 Floating structure
- 16 City in Texas
- 17 Country in Africa
- 18 Concise
- 19 Prefix: mouth
- 20 Very pale
- 22 Well-known magazine
- 23 Actor Gibson
- 24 Math concept, for short
- 25 Young boy
- 26 "Beat it!"
- 28 Employing
- 30 — d'Azur
- 31 Put the football into play
- 33 Stirred up
- 35 Retained
- 36 Furniture wood
- 37 Withdraw
- 40 Favors
- 43 Vigor
- 44 Less cooked
- 46 Prophet

- 48 Word in Cagney phrase
- 49 Region of India
- 50 Organization for C. Everett Koop
- 51 Prayer part
- 53 Lacking delicacy
- 55 Cut
- 56 Dug out canoe
- 58 Milk glass
- 60 Repeat
- 61 Trifling
- 62 Mexican garb
- 63 Office workers

DOWN

- 1 Tics
- 2 Mexican Indians
- 3 From Luanda
- 4 — veto
- 5 " — iron bars a cage"
- 6 Begrimed
- 7 Slander
- 8 "The Story of — Boy"
- 9 Official permit (abbr.)

- 10 "Thanks —!"
- 11 Mussolini, et al.
- 12 Enliven
- 13 Went backward
- 15 Carpentry item
- 21 Nullify
- 27 Duped
- 28 — Volta
- 29 Miss Garson
- 30 Garden vegetables
- 32 Prefix: child
- 34 Clod
- 36 Disloyalty
- 37 Ancient Egyptian god
- 38 Ancient Asian
- 39 Affair need
- 40 Malayan boat
- 41 Straighten again
- 42 Type of class
- 45 Concurs
- 47 Badgerlike animals
- 52 Miss Bayes
- 53 Good-looking
- 54 Name for a dog
- 55 Voucher
- 57 Hiatus
- 59 Miss Irving



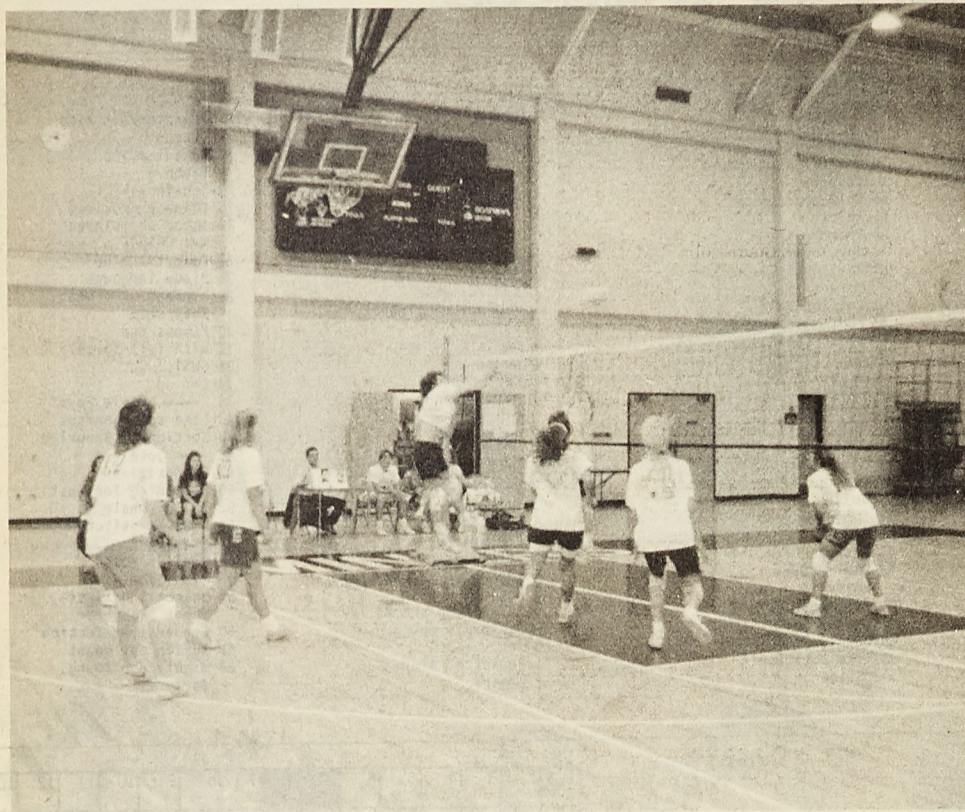
see Solutions, page 19

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by NIKOS KAZANTZAKIS. Music by PETER GABRIEL. R-1988. In
an age of post-Christian facetiousness, Martin Scorsese's work daringly
attempts to restore passion and melodrama to the Gospel story. Protests
notwithstanding, the film is an affirmation of faith in the power of both
the Gospel and the movies. As Gene Siskel said, "Not another one of those
boring biblical costume epics."

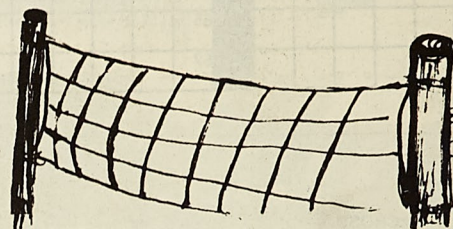
Intramural volleyball playoffs November 16-20



Susan Lowe



The Chi-Omega volley ball team (pictured to the left) is one of the teams that will be competing for the first place trophy later this week. The Chi-Omega team has gone without suffering a loss this season and hopes to carry this good luck with them into the playoffs. Team members are as follows: Sue Burrows, Michelle Carpet, Barb Halpin, Susan Halpin, Anita Jilg, Kerry Kraf, Michelle Hoyt, Robin Rinko, Tracy Boreman, and Betty Oehlschlaeger.
GOOD LUCK!! to all the teams competing.



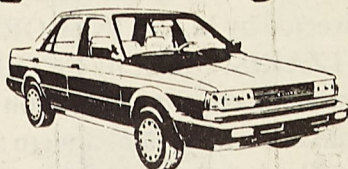
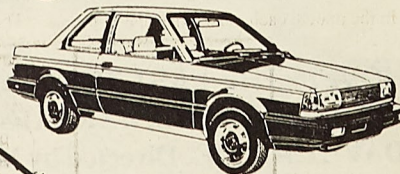
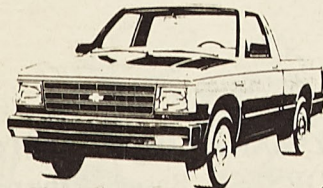
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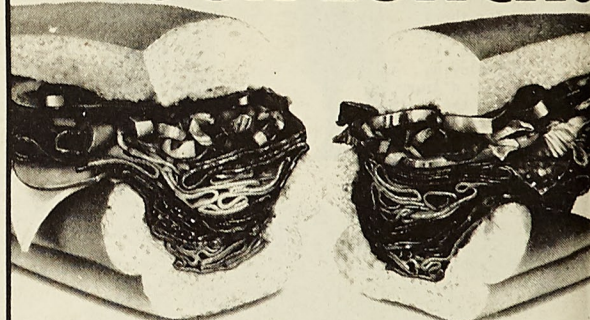
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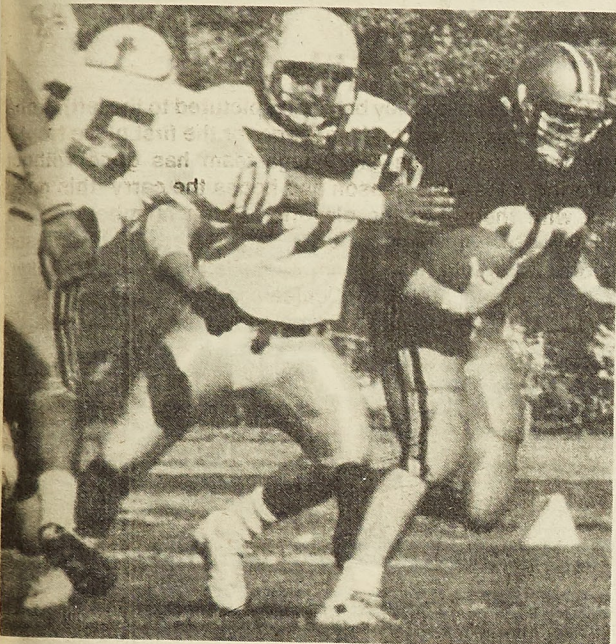
Buck Simpson
Writer
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27th overall. Rob

the Blea

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Sports

Miners end the season 1 - 9



By Jeff Zawila
Staff Writer

The University of Missouri-Rolla football Miners ended their frustrating season with a 24-14 loss to Southwest Baptist University Bearcats. The loss brought the Miners records to 1-9 in overall and conference play. The Miners lost four games this season by a touchdown or less.

Southwest Baptist's senior running back Lester Baker proved to be too much for the Miners. He exploded for 203 yards on 43 carries with a pair of touchdowns. It was the Bearcat's best game rushing performance.

Despite Baker's running, the Miners unleashed their own top gun. Fourth string freshman quarterback Greg Dennis gave UMR their best passing performance of the year.

The Bearcats drew first blood on a 2 yard touchdown run by Lester Baker with five and a half minutes remaining in the first quarter.

With seconds left in the first quarter, the Bearcats drove to the Miner ten yard-line before fumbling the pigskin. Tom Oberle of the Miners

recovered the fumble.

The fumble recovery sparked the Miners passing attack. Freshman quarterback Greg Dennis spearheaded the attack with a 58-yard touchdown pass to Stacey Ward with under a quarter left before halftime. Dave Belloli tied the score seven-seven with the extra point.

The Bearcats drove 92 yards on the next possession with Lester Baker carrying them most of the way. Southwest Baptist scored a touchdown with six minutes left to play.

UMR returned the favor by scoring a touchdown before the half was over. Greg Dennis lead the offense 80 yards to the Bearcat endzone. A key third-down pass kept the drive alive. Dennis capped off the drive by rambling four yards for the touchdown. Belloli's extra point was good. The game was tied 14-14 at halftime.

UMR received the kickoff to start the second half. The Miners proceeded to fumble the football on their forty yard line three plays later.

A few plays later, the Bearcats kicked a field goal and took the lead 17-14, for good.

The score remained that way until the fourth quarter when the Bearcats scored the final touchdown after intercepting Greg Dennis' pass.

Senior quarterback Tom Minnick relieved Dennis on the next possession. He directed the Miners for a comeback before having a pass intercepted deep in Bearcat territory.

UMR's passing attack was lead by Greg Dennis who was nine for thirteen for 183 yards with one touchdown and interception. Tom Minnick hit six out of 11 for 57 yards and one interception. Chris Alverson caught four passes for 80 yards and Vincent Banks had six receptions for 54 yards.

Defensively, the Miners were lead by senior Carl Roth, who had twelve tackles, and junior Tom Oberle, who prevented two Bearcat scores by a fumble recovery and pass interception deep in Miner territory.

The Miners ended their worst football season in many, many years, but can look forward to the future with the young talent that was seen during this season.

Ron Harmon (20) runs past the Southwest Baptist defenders.

Bill Booth

'Young Guns' finish ninth in Great Lakes Regional

By Buck Simpson
Staff Writer

A few weekends ago, the UMR Men's Cross Country Team captured the last goal fo the '89 season as they finished ninth overall in the eight state Great Lakes Regional held in Big Rapids, Michigan. Twenty seven teams were in attendance.

In tribute to the caliber of competition in the MIAA, the two teams to qualify for nationals were Northeast Missouri and Southeast Missouri. NEMO won the overall title as they defeated the MIAA Conference Champions SEMO 88 to 101. Also, the individual qualifiers for nationals were Peyton and Legue from conference rival Pittsburgh State as they defeated their conference 1-2 finish.

For the Miners, it was a cold and windy day. Junior Tim Bauer battled home over the snowswept course to finish 27th overall. Robbie VanDer-

Wall finished second for the Miner's in 43rd place, followed by John Conrad in 45th, Keith Schoby in 57th and Joe Stemler in 59th. All solid efforts, in a field of 160+ runners.

The UMR "Young Guns" will now continue to file down their sights as they prepare to join the rest of the UMR track team for the indoor track season. However, Coach Dewey Allgood already has informed the Cross Country Team of its goal for next year - the Nationals Meet. With the solid improvement of freshman Robbie VanDerWall, and a hard season of training from the two team talents John Conrad and Keith Schoby it is a definite possibility. Track season will tell the tale.

The Miner's indoor season will begin December 2nd at Charleston, Illinois, as they compete in the twenty team "Early Bird" meet.

Rifle team shoots down Bears

By Scott Konersmann
Assistant Sports Editor

Last Friday, the UMR Rifle Team defeated Southwest State in their first meet of the season. The team from Southwest traveled to Rolla to take on the Miners.

I interviewed Todd Eisenhauer, captain of the Miner team. He briefly explained how a match is set up and works.

Each team consists of five people. Of the five people four of them shot together as a team and combine their scores. The other person of the five shoots alone as an individual.

In the match, each person has one

hundred and five minutes to shoot all their targets. They are then scored on how close the bullet hit to the center of the target. A bulls-eye is worth ten points while a miss counts as zero. There are ten targets on one card, making it worth one hundred points.

Each person shoots two cards prone, two cards kneeling, and two cards standing. After everyone is done shooting the cards are graded out of a possible six hundred points.

On Friday, the UMR team scored two thousand and three points while the SMSU team scored only one thousand, six hundred, and fourteen points. The average for the UMR

team was five hundred points per person. SMSU's average was a mere four hundred and three points.

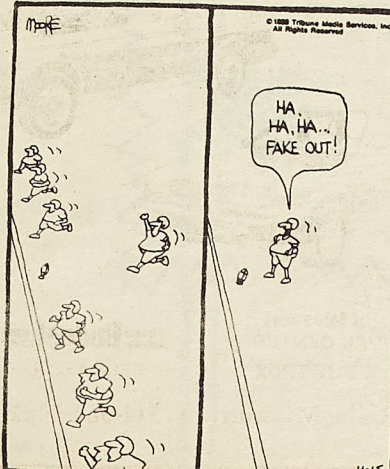
Cindy Gage was UMR's top scorer with five hundred and seventeen points. The top scorer for SMSU was Laura Kemp with four hundred fifty one points.

UMR also won the Individual scores. UMR Rob Hudson scored four hundred and thirty points to SMSU's Mike Grabber who scored three hundred and thirty nine points.

If the UMR Rifle Team keeps up this pace it will be hard for any team to defeat the Miners.

in the Bleachers

by Steve Moore



"You guys wanna have some fun with coach? Next play, everyone grab your knee and fall to the ground screaming and writhing in pain..."

Placement

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Updates - week of Nov. 13-17, 1989
week of Nov. 27-Dec. 1, 1989

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St. Louis, MO 63110
attn: Mr. Al Hesse

NUMBER OF SCHEDULES: 1
MAJORS: BS/EngMgt
POSITION: Industrial Engineer
LOCATION: St. Louis, MO
DECEMBER 1989 grads

INTERVIEW SIGNUP DATE: BEGINNING IMMEDIATELY
INTERVIEW DATE: November 16, 1989

AMDOCS
1611 Des Peres Rd. Suite 170
St. Louis, MO 63131
attn: Ronnie Markers

NUMBER OF SCHEDULES: 1
MAJORS: BS/CompSci for programmer(COBOL)
LOCATION: St. Louis
DECEMBER 1989 AND MAY 1990 GRADS
Company will contact students, by letter, for interview signups

INTERVIEW SIGNUP DATE: TO BE ARRANGED
INTERVIEW DATE: November 28 & 29, 1989

GREAT LAKES CARBON COMPANY
P.O. Box 1029
Ozark, MO 72949
attn: Jerry Strohmeier

NUMBER OF SCHEDULES: 1
MAJORS: BS/CHEM ENG. OR ME
LOCATION: Ozark, MO
DECEMBER 1989 GRADS ONLY

INTERVIEW SIGNUP DATE: November 17
INTERVIEW DATE: December 1, 1989

PUBLIC SAFETY AND EQUIPMENT
1842 Craig Park Ct.
St. Louis, MO 63146
attn: Andrew Smith

NUMBER OF SCHEDULES: 1
MAJORS: BS/ME or EE - Product Engineer
LOCATION: St. Louis, MO
DECEMBER 1989 AND MAY 1990 GRADS

RESUME DEADLINE: Noon November 17
INTERVIEW DATE: November 30, 1989

--SUMMER-----SUMMER-----SUMMER-----SUMMER-----SUMMER-----SUMMER--

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2. Graduate-level nominees must have completed one year of graduate level study.
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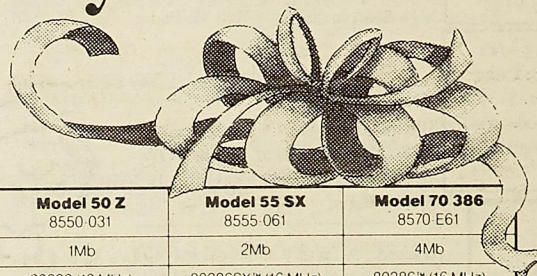
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Mouse	Yes	Yes	Yes	Yes	Yes
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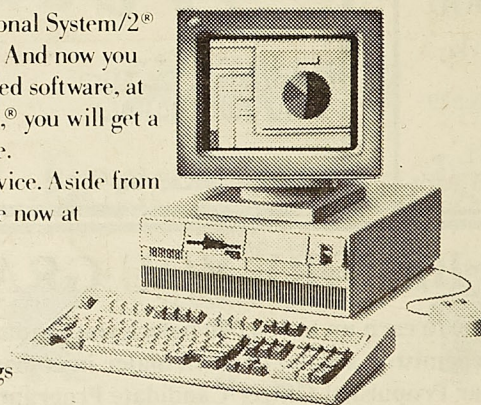
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