



01 Nov 1984

The Missouri Miner, November 01, 1984

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Missouri Miner



Thursday, November 1, 1984

University of Missouri-Rolla

Volume 73, Number 11

20 Pages

Campus meeting rooms: First come, first serve

by Art Smith

Many students will at some point need to reserve a room on campus for some organizational activity. These reservations are handled by UMR's Auxiliary Services (A.S.) and due to recent changes, there are some things to know.

To begin, it should be noted that if refreshments are served at the meeting and it is located in either the University Center, Cedar Street Center, or Holsum facility, the refreshments must be purchased from Professional Food Management (PFM). Due to an error that occurred when the University Center registration computer model was transformed to the campus reservation model, those making reservations for facilities other than these three have been erroneously told that they too must purchase refreshments from PFM. When this was brought to the attention of A.S. by the Miner,

it was corrected.

Although both campus and non-campus concerns can reserve a room, campus organizations have priority with administration, and traditional (homecoming, alumni, etc.) are at the top of the list. Organizations such as Student Council and the Student Union Board are encouraged to make reservations up to a year in advance, while the departments can reserve a room up to three years in advance. In general, these are done on a first come, first serve basis since bumping is not permitted.

When it comes to the community, they too are allowed to make reservations a year in advance. The only exceptions to this are the cases of conferences that are beneficial to the university. Said con-

see Meeting rooms page 2

Queen for a year

Trelah Elliff begins her reign as the 1984 Homecoming Queen. She is escorted by Paul Nagy. Trelah was crowned during the halftime ceremonies at Saturday's football game against Lincoln University. Trelah is a sophomore in ceramic engineering and represented Thomas Jefferson Hall in the Homecoming Queen competition. For more highlights of this year's Homecoming see page 10.



Handicap funding a crutch for university

by Art Smith

As most of you have noted, the campus has made many handicapped accessibility improvements in past years and has many more planned for the future. According to Neil Smith, UMR vice-chancellor for administrative services, these improvements are mandated by law and are being paid for with special funding.

Smith states, "Our funding in recent years for handicapped projects or other capital improvement items has been tied to the Amendment 1 bond issue (\$600 million). We have been successful in the extent that portions of this bond issue have been sold and proceeds made available." He adds that many of the projects funded in 1983 have just recently been completed due to the lengthy documentation, bidding, and planning process that results from complying with state regulations, guidelines, and restrictions.

1983-Installing elevators in Physics and Electrical Engineering buildings (\$268,752).

-Installing visual fire alarms (those red flashing lights suspended from the ceilings) in fifteen buildings (\$41,394).

-Restroom modifications for five buildings, entrance modifications for six buildings, and ramp installations at the Multi-Purpose Building (\$83,360).

1982-Purchasing special wheelchair for Multi-Purpose Building (\$794).

-Installing ramp in Room 125 Mechanical Engineering Building (\$326,400).

-Constructing handicap accessible dressing facilities in the Multi-Purpose Building, modifying the entrance at the Civil Engineering Building, and modifying restrooms and water coolers in six buildings (\$65,179).

1981-Installing various curb cuts on campus, providing parking for handicapped, and installing ramp to the West and North entrances of Parker Hall (\$43,292).

-Installing an automatic air lock on the South entrance of Wilson Library (\$83,932).

These improvements are a start, but future improvements are dependent on more funds. Smith states, "Early spring should provide a clearer picture as to the direction the legislature and governor will take in regard to issuing additional bonds." Assuming more money is made available, the following improvements will be undertaken in 1985-1986:

Providing access and modify restrooms for handicapped at the new soccer field (\$42,333).

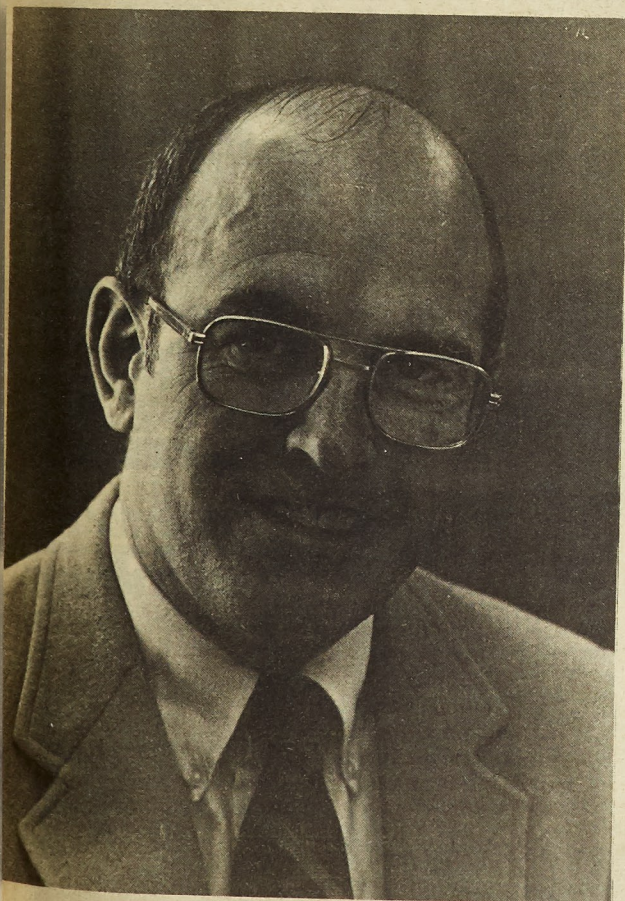
Designating parking spaces, installing a ramp, modifying restrooms, and installing water fountains at the Nuclear Reactor (\$13,177).

Installing elevators at the Civil Engineering (\$149,534) and Multi-Purpose (\$149,534) and Norwood (\$273,238) buildings.

Installing tactile signs in eight buildings (\$10,462).

Installing special lab equipment in five buildings (\$86,528).

Installing visual fire alarms in two buildings (\$25,577).



Neil Smith, vice chancellor for Administrative Services.

major miner stories

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Homecoming highlights

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Miners defeat Lincoln

Calendar of Events

Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
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Thursday

Art Exhibit by Nancy Radar
8 a.m.-4:30 p.m., weekdays, University Center-West lounge. The exhibit runs through Nov. 30. Free.

Art Exhibit "Goya"
8 a.m.-4:30 p.m., weekdays, University Center-West lounge. The exhibit runs through Dec. 31. Free.

Chi Alpha Christian Fellowship
We would like to invite anyone who feels a need for fellowship and encouragement to join us. We meet every Thursday evening at 7 p.m. in the Ozark Room, University Center-West (upstairs). We look forward to seeing you there.

Math-Comp. Sci. Colloquium
Thomas Smith, University of Oklahoma. "Computers in the Early '50s: Why Engineers Took Computer Design Away from Mathematicians." 3:45 p.m., 209/209A Math-Computer Science Building. Free.

UMR Film Series "Clockwork Orange"
Miles Auditorium, Mechanical Engineering. 7:30 p.m. Season ticket or \$3 at the door.

Veteran's Club
There will be a meeting of the Vet's Club Thursday, Nov. 1 at 4:30 in Building F-2. All interested veterans or those receiving VA benefits are invited to attend.

Friday

Math-Comp. Sci. Colloquium
Thomas Smith, University of Oklahoma. "Some Reasons for the 17th Century Conquest of Physics by Mathematicians." 3:45 p.m., 209/209A Math-Computer Science Building. Free.

6th Annual Night at the Fights
The 6th Annual Night at the Fights will be held Friday, Nov. 2, at 8 p.m. in the Nashville Pennant Hall. The proceeds from the \$3 admission fee will go to the Rolla Nutrition Center. For additional information contact Lambda Chi Alpha at 364-9901.

Saturday

Parent's Day
Parent's Day, registration 9-11 a.m. Miner Lounge, University Center-East.

Monday

Amateur Radio Club
The UMR Amateur Radio Club will be holding a meeting on Monday, Nov. 5, in Room FE 101 at 6:30 p.m. Anyone interested in amateur radio is most welcome.

Sport Parachute Club
The Sport Parachute Club will be holding a meeting on Monday, Nov. 5, in Room 140 Chem E at 7 p.m. Anyone interested in sport parachuting is encouraged to attend.

Tuesday

Society of Women Engineers
There will be a SWE meeting on Tuesday, Nov. 6th at 5:45 p.m. in the Mark Twain Room. The guest speaker will be Dr. Stewart Cooper from the UMR Counseling Center. Everyone is welcome.

Wednesday

ASME Meeting
There will be an ASME meeting on Wednesday, Nov. 7th at 7 p.m. in ME 104. The guest speaker will be Mr. Ron Epps from NASA's Johnson Space Center. The speaker's topic will be "Space Shuttle Mission Profiles." Everyone is welcome.

Wesley Foundation
The Wesley Foundation will hold its weekly meeting at 6 p.m., Wednesday night. Come and find out about what we are all about. Activities include Bible Studies, woodcuts, work projects, retreats, and Chapel Services on Sunday morning. See you Wednesday night!

Women at Work Series
"Presenting Yourself Professionally." Lil Jones, UMR, noon-1 p.m., Missouri Room, University Center-East. Fee for series. Phone 314-341-4131

Thursday

UMR Film Series "Tender Mercies"
Miles Auditorium, Mechanical Engineering Building. 7:30 p.m. Season ticket or \$3 at the door.

Noday

Association for Computing Machinery
The UMR Student Chapter of ACM will be holding its fifth meeting on Wednesday, Nov. 14 at 7 p.m. in Room 209 of the Math-Computer Science Building. The guest speaker will be from McDonnell Douglas (Aircraft). Nominations for next semester's officers will be held.

Attention Graduating Students
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, 1984.

UMR TO CONDUCT WORKSHOP FOR STUDENTS

Rolla, Mo. --Student Services at the University of Missouri-Rolla will present a workshop on "Transition: The First Year On the Job" for UMR students Saturday, November 10, in Miles Auditorium, Mechanical Engineering Building.

The workshop, which is supported by a grant from General Motors, will feature six discussion leaders who are involved in training, education and personnel selection for several major U.S. corporations.

There is no fee for the workshop. Representatives of UMR student living units will be given the opportunity to nominate a representative to attend the workshop. Open registration also will be available on a limited basis for students interested in attending.

For more information contact the Dean of Students Office, 202 Rolla Building, phone 341-4292.

Blue Keys Are Here
submitted by Blue Key
The Blue Key student phone directories have finally arrived. Starting Nov. 6, the student directories will be available Tuesday thru Friday from 9 a.m. to 3 p.m. by the Hockey Puck. Because of an increase in printing costs, there will be a charge of \$1 for each directory for students.

Missouri Miner

The Missouri Miner is the official publication of the students of the University of Missouri at Rolla. It is published weekly at Rolla, Missouri. The Missouri Miner features activities of the students and faculty of UMR.

Editor-in-Chief.....Pat Van Ryckeghem.....364-0018
Business Manager.....Dawn Nash.....364-6822
Advertising Director.....Carol Suit.....341-3474
Local Ads Director: Helen Heumann
Ads Salesmen: Julie Garrett, Gary Grannemann, Vicki Lapp
See Ads Box below for more information
Ads Typesetters: Roberta Bateman, Kathy Fulhorst
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Distribution.....Off-Campus: John Brendal.....364-9792
On-Campus: Diana Eldred.....364-8997

Subscriptions are available to the general readership at a rate of \$7.00 per semester. Articles and photos for publication in the Miner must be in by 8 p.m. on the Sunday before distribution on Thursday.

THE MISSOURI MINER
303 Rolla Building
University of Missouri-Rolla
Rolla, MO 65401
(314) 341-4312

Southwinds taking submissions for 1985 issue

submitted by Southwinds
The staff of Southwinds is both pleased and proud to announce that it is accepting submissions for the 1985 issue of the Southwinds Literary Magazine from now until the deadline Feb. 8, 1985.

The staff publishes a magazine of high quality, containing works of poetry, prose, photography, and art. Subject matter ranges from love to humor and from college to the afterlife.

Submissions are accepted from all

students and on all subjects. If you have a work of art that you would like to see published in the 1985 issue, submit it to the Southwinds mailbox in the English Office, 225 Humanities-Social Sciences.

Southwinds is also accepting new members for the 1985 staff. A meeting of the staff and prospective members will take place on Nov. 6 at 5 p.m. in G-1, H-SS. Any students wishing to join or having questions concerning submissions are invited to attend.

Meeting rooms from page 1

reservations may be reserved up to three years in advance. A.S. tries not to reserve a room for consecutive time blocks for non-campus users.

When you need to reserve a room, you should be prepared to answer some basic questions. These are:

- Where do you intend to meet?
- What date and at what time will your meeting take place?
- Who is the sponsoring organization?
- Who is the organization's contact person (name, address, and phone)?
- What will be going on at the meeting?
- How many are expected to attend?
- How do you want the room set up and what equipment will you need?
- Will you be serving food? This question applies only to the three buildings mentioned ear-

lier, and preparations will be handled through PFM. Food service through PFM may result in a discount on the room charge since A.S. receives a percentage.

Are you charging admission? For campus organizations, there is no room charge unless income is being generated. Non-campus organizations must pay a charge even if no income is generated, but this charge may double if income is being generated. Food costs through PFM may lessen these costs.

You must have an activity permit form Student Activities if you are a student organization.

If you have the answers to the above questions, the only other thing to do is get your request in as soon as possible. A.S. requires at least 48 hours notice, but in order to avoid conflicts it is best not to wait to the last minute.

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Local Ads Director (billing info): Helen Heumann.....364-5824 or 364-3181
Ads Salesmen: Julie Garrett (364-1653), Gary Grannemann (364-2637), Vicki Lapp (364-8989)

Student Council allocates funds

by Brian Rhumann

The following organizations received these appropriations from Student Council:

Organization	Amount	For
Rugby	\$2000	tournament fes, travel
Trap & Skeet	\$1400	"
Water Polo	\$1000	"
Bowling	\$1000	"
ITE	\$50	speakers
Co-op Education	\$50	pamphlet
Association of US Army	\$100	start up expenses
Persing Rifles	\$100	equipment, travel
International Students	\$100	International Day
Cmps. Crusade for Christ	\$150	Movie
Amateur Radio	\$200	lecture, equip. repair
Karate	\$250	tournament
Vetans	\$270	recruiting book
Target/Pistol	\$299	pistols
Cheerleaders	\$1900	uniforms
Civil Engr.	\$500	conference
ABS	\$500	speakers
English Club	\$500	speakers
RAM	\$500	equip. repair
Black Engineers	\$400	high school recruiting

For more information concerning how to access these funds contact the Student Council office, 202 University Center-West. The next appropriations will be in February. Applications will be available in January.

Interresidence Council finds home

by Brian Ruhmann

The executive councils of RHA and TJHA have formed the IRC, Interresidence Council. This is an organization composed of the executive officers of RHA and TJHA, members of hall governments and members of the Resident Assistants staff. The organization is responsible for coordinating and delegating responsibilities between the two housing associations.

The organization is in the process of getting its constitution approved. It is also working with the Dean of Students office and Auxillary Services to expand the

intervisitation policy. In the near future the organization will be choosing six nominees to the National Residence Halls Honorary, a national organization that recognizes outstanding contributions to residence hall life by students.

The IRC was very successful in its first project, the Big Big Barn Bash, a RHA/TJHA party.

Future projects will include recruitment activities, to bring more students on campus and to the dorms, retention of residents, a welcome-back winter semester campus-wide party, and the Snowball Dance, a formal dance

for RHA and TJHA residents.

Their overall objective is to improve residence hall life and eventually to make contribution to campus life.

OTHER RESIDENCE HALL NEWS. UMR has become a member of the Midwest Regional Association of College and University Residence Halls. John Heinz is the campus representative. This organization has a newsletter, sponsors region wide conferences on improving residence hall life and sponsors a program of the month competition, to which the Big, Big Barn Bash was nominated.

Create a ceiling:

Design contest open to students

Architects and interior designers are invited to submit entries for "The Creative Ceiling Awards," two design competitions sponsored by Conwed Corporation. Entry kits can be obtained by calling Conwed toll free at 1-800-328-9497.

The competitions are an industry as well as a company "first". A \$100 million manufacturer of coordinated ceiling and furniture products, Conwed is seeking to

promote creative applications of ceiling products, as well as commend outstanding ceiling design.

"Creative Ceiling Concepts," the first and more purely creative of the two competitions, calls for entrants to design a ceiling using Conwed designer ceiling products. A separate category for students has been incorporated into this contest, which runs from October 11, 1984 through February 15, 1985.

"Creative Ceiling Construction," the second contest, open to professional architects and designers only, evaluates actual

projects completed with the same Conwed products as the first competition. Installations finished between June 1, 1984 and August 15, 1985 are eligible. Entries must be postmarked by September 1, 1985.

Three industry experts will choose the winning entries. Twelve concepts and six constructions—18 winners in all—will be selected, with cash prizes totaling \$45,000 awarded.

For further information, contact Conwed's Public Relations Department, P.O. Box 64237, St. Paul, MN 55164, 612-221-1102.

SuperDance to raise funds for MD

1984 SuperDance, contact any APO representative. Or you can contact Jill Cress, 1984 SuperDance chairman, at 364-6497.

submitted by APO

It's time again to put on your dancing shoes...

Friday and Saturday, November 9 and 10, are the dates for this year's annual Alpha Phi Omega SuperDance at the National Guard Armory on Fairgrounds Road. This is APO's fall fund raiser for Muscular Dystrophy.

Final registration for all dancers is Friday, November 2 at the UMR Hockey Puck. Registration will be open there from 10:30 to 12:30 p.m.

Anyone wishing to participate who hasn't already registered must sign up at this time. Additional sponsor sheets will also be available.

Prizes this year include a personal computer for the most money raised by a single dancer. Numerous other prizes and gift certificates will be given to the dancers throughout the SuperDance.

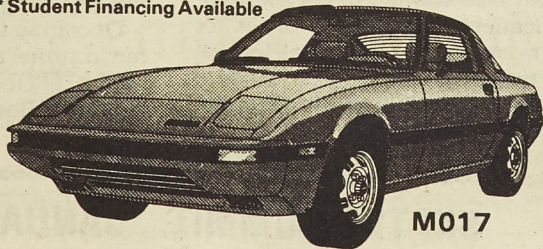
Meals will be provided to the dancers. For those who just want to come out and join in on the fun, open campus parties will be held both Friday and Saturday nights, 8 p.m. to 1 a.m. The dance-a-thon begins at 7 p.m.

If you have any questions or want more information on the

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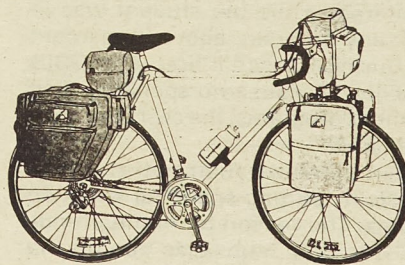
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The Candidates' policies toward higher education



Comments

Walter Mondale's sleaze factor

Letter to the Editor on page 6

Reagan's rating low, Mondale's high

by Karen White

One issue that has not received extensive coverage in this Presidential campaign is federal assistance for tuition to college students. Both Presidential candidates agree that a strong educational program, from grade school through college level, is important to our growing technological society, but what are their views on federal aid to us, the typical (although somewhat stereotyped) college student? Past records and platform statements introduce a little light into the possible future of college aid under both Presidential candidates.

PRESIDENT RONALD REAGAN, because of his past four years, is easier to critique than Walter Mondale. Reagan himself has stated that he stands on the record of his past four years. In terms of federal aid to college students his record looks bleak.

The Reagan philosophy toward college tuition was to shift back the responsibility for paying to the parents and students, the Reagan administration's motto was, "Families and students—not the Federal Government—should be the first source of funds for education expenses."

The two major federal programs are the Pell Grant and the Guaranteed Student Loan (GSL) Program. The Pell Grant started in 1973 with grants averaging \$269 per student and a total Federal cost of \$122 million. In 1978, during Carter's administration Congress eased family-income requirements and during the first year of the Reagan administration, the 1980-81 academic year, an estimated 2.6 million students received Pell Grants averaging nearly \$1000—at a cost to the government of \$2.4 billion. The GSL began in 1966 with 6 percent loans for students of families earning \$15,000 or less. In 1978 Congress eliminated the family-income ceiling. Any student could borrow as much as \$2,500 a year and the government would pay all of the interest while the student was in school and any interest above 9 percent afterward. During Reagan's first year GSLs cost \$2.3 billion. Because no spending limit was put on these programs, the costs began to spiral out of hand.

The Reagan administration put a stop to spiraling costs by putting spending limits on both programs. The reason for cutting funds to the GSL was that "subsidies due on the

high volumes of loans made since 1978 will burden the budget for years to come and eat into the amount of aid available to middle- and lower-income students. Needy families, in short, are paying the price for the loans foolishly lavished by Congress on the non-needy." Reagan wanted to save the aid for the truly needy.

In 1981, for the fiscal 1982 year, Reagan's administration proposed that Pell Grants have a limit of \$1,800 per student, only an 8 percent increase after the 1981 limit of \$1,670 and a \$300 cut in what was then the authorized limit and a cap of \$2.8 billion for the entire program.

For the GSL a \$25,000 family-income ceiling was proposed and a 5 percent loan assessment fee with the maximum loan still remaining at \$2,500.

He also wanted to end the federal subsidized loan interest payment while the student was still in school. Both programs were reworked with stricter needs analysis. Congress allowed the Pell Grant proposals to stand but altered the GSL proposal to guarantee a loan for students below \$30,000 income with a needs test for families above \$30,000 and Congress retained the 5 percent assessment fee. Congress rejected the end to federal subsidized loan interest payments. Meanwhile the average cost for a four year degree rose from 12 percent to 15 percent in the 1981-82 school year.

In 1982, for the fiscal 1983 year, Reagan proposed to trim the federal financial college aid budget even more. He proposed to cut student aid by a third, from \$6 billion to \$4.3 billion. This would endanger aid to 6 million students. Reagan wanted to cut \$762 million from GSLs by requiring all students to pass a financial needs test, loan repayment would be pegged to the current market interest rate. The fee assessment would climb to 10 percent, and graduate and professional students would become ineligible. Reagan wanted to cut Pell Grants to \$1.4 billion in 1983 from \$2.3 billion in 1982 and drop the maximum grant to \$1,600. Reagan also wanted to kill the Supplemental Educational Opportunity Grant (for very low-income students) and stop all federal contributions to the National Direct Student Loan Program and chop 28 percent from the College Work-Study Program.

Congress passed very few of these propos-

als. Pell Grants were not cut and the size remained the same. The GSL program was hardly changed at all and graduate students still qualify.

Reagan did not propose any costs in college aid for this fiscal year, but he did not recommend any increases. Reagan was hurt middle-income students, married students returning to school and even lower-income students by decreasing the amount of aid available for colleges to disperse. According to Reagan's past four years college aid is not an area that Reagan will increase in the future.

WALTER MONDALE'S record is not as crystal clear as Ronald Reagan's. As a U.S. Senator, Mondale was the traditional liberal, voting for increased aid to the needy, including students. As Vice-President he endorsed then President Jimmy Carter's strong views on increasing student aid. During each yearly budget recommendations Carter set aside \$1 to \$2 billion and asked Mondale where the extra money was needed. Mondale put these monies in human development programs, mainly education and job training. As Vice-President, Mondale served as the education advocate in the White House. He strongly supported the establishment of the Dept. of Education (which Reagan tried to eliminate in 1981).

Mondale takes a strong stand on education in his "Strategy for Excellence in American Education." One of his five points for increasing excellence is "Higher Education must not become the preserve of the wealthy. We must invest \$1.5 billion a year to strengthen student assistant programs, as well as our commitment to historically black colleges and universities." Mondale wants to increase the entire educational budget by \$11 billion.

Two of the Mondale/Ferraro platform planks are "to expand student aid so that low and middle income students can again go as far as their talent and hard work will take them," and also to strengthen efforts to assist minority and women students and preserving the GSL program and Fulbright Fellowships."

Of course these are promises and not written in stone, only on paper, but the chances of federal aid looks more promising under Mondale than Reagan.

see Candidates page 5

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Mondale has sleaze factor, too

by Cordell Smith

Democratic Presidential candidate Walter Mondale has stated, on at least one occasion, that We the People should vote for him because of "The Sleaze Factor," by which he meant the plethora of allegations made against Reagan personnel. Anxious as I am to keep such matters in balance, I thought it might be useful to examine the sleaze behind Walter Mondale, particularly the acres and acres of sleaze surrounding the outrageous Carter-Mondale surrender of the strategic Panama Canal.

Shortly after President Carter entered office, he appointed Mr. Sol Linowitz to negotiate a treaty with Panama which would deliver our canal to the Communist government there. Mr. Linowitz, as it happens, accepted the appointment—and in so doing appears to have violated several provisions of the Federal Criminal Code. The details were laid before the House of Representatives on March 13, 1978 by Idaho Congressman George Hansen, as follows:

While holding (his) office and while performing those negotiations, Linowitz was, for part of the time, a director and had been a member of the executive committee of Marine Midland Bank, a New York bank to which the Republic of Panama was indebted in an amount not less than \$8 million.

The admitted facts are in direct violation of title 18, United States Code, section 201(c) and (g) and section 208.

The same Linowitz was and remained throughout his public office, a stockholder, director, and member of the executive committee of Pan American World Airways, a corporation which has substantial assets in the Republic of Panama; the value of which assets depend substantially upon the favor of the government of the Republic of Panama. Such admitted facts appear to violate the same statutes cited

above.

(Congressional Record, 95th Congress, 2nd Session, p. 6712.)

About these and other accounts of conflict-of-interest, the Carter-Mondale Administration did little or nothing. Instead, the Administration sent the Canal Treaty to the Senate for ratification.

("Not fair! Not fair!" I can hear Mondale loyalists saying. "It's not fair to saddle Mondale with the dismal record of Jimmy Carter. After all, Mondale was only Vice President of the United States then.")

This frail argument, on the surface a legitimate one, collapses when we remember that Mondale is considering Sol Linowitz as Secretary of State in a (cringe) Mondale Administration.

From here the plot sickens (as journalist Alan Stang is fond of saying). During Senate consideration of the Treaty, Senators showed much valid concern over the maintenance of the neutrality the canal—especially since the President of Panama was a Soviet cat's-paw named Omar Torrijos. Accordingly, Senator Dennis DeConcini (D-Arizona) introduced what became known as—oddly enough—the DeConcini Reservation. It provided that

if the canal is closed, or its operations are interfered with... the United States of America shall... have the right to take such steps as (it) deems necessary including the use of military force in Panama, to reopen the canal.

The Senate breathed a sigh of relief, and approved the Reservation by a vote of 75 to 23 on February 6, 1978.

With that, the Senate also ratified the Treaty, 68 to 32.

Panama, however, flatly rejected the DeConcini Reservation, issuing a three-paragraph counterreservation, stating in paragraph three that the Panamanian Government would oppose any American use of force to keep the canal open.

The United States Senate never agreed to Panama's reservation. The Treaty therefore was never lawfully approved, and is without force or effect under international law. In order for a treaty to be valid, both parties must agree to the same treaty.

It is to the everlasting shame of the Carter-Mondale (and Reagan, for a time) State Departments that they (as stated by retired Foreign Service Officer Dr. Herbert W. Dodge in testimony before a subcommittee of the Senate Committee on the Judiciary) ignored and did not even acknowledge the existence of the second and third paragraphs of the Panamanian counterreservation.

Thus, the Constitution of the United States has been consciously subverted.

Dr. Charles Breecher, who was Dr. Dodge's superior at the State Department, also testified at the same Hearing on June 23, 1983, saying

we have here on the documented record the worst fraud—I am sorry I cannot use any other word; if you wish I will substitute "swindle"—every perpetrated on the United States Senate and on the American people.

(For the full story, consult the subcommittee report **The Panama Canal Treaty—Constitutional and Legal Aspects of the Ratification Process** available free from the Committee on the Judiciary.)

For this disastrous, tragic, and sleazy situation, we have the Carter-Mondale Administration to thank. Since Walter Mondale is considering the appointment of (in addition to Linowitz at the State Department) Carterite Harold Brown at Defense and Robert Strauss (Carter's Special Trade Representative) at Treasury, among others, we can reasonably expect a Mondale Administration to be a rehash of the dark days of the Carter years. Heaven help us all if, on January 21, 1985, Walter F. Mondale is sworn in as President of the United States.

Candidates on university funding

from page 4

AT UMR: Maybe you're wondering how the Reagan cuts have affected UMR. The cuts did not hurt the enrollment at UMR but they did decrease the proportion of students receiving federal aid and they did decrease the amount of tuition that the aid covered.

Most students who now attend UMR are children of middle to upper income parents who can afford the majority of the cost of a public institution. In 1980-81 Pell grant

Expenditures totalled \$1.26 million for a total of 1515 students. 26.5 percent of the students received an average grant of \$832.

In 1983-84 Pell Grant Expenditures totalled \$1.45 million for a total of 1374 students. Only 19 percent of the students received grants on the average of \$1058.

The average size of the grant has increased by 27 percent with what looks like the needier students receiveing larger grants. UMR spent

\$3.83 million on GSLs in 1980-81 for 1859 students. An average loan of \$2059 was given out to 32.5 percent of the students. In 1983-84 an average loan of \$2100 was given to 27.4 percent of the students. The average size of the GSL only increased 2 percent.

During this same time the cost of tuition for a dependant student increased 36.7 percent. The amount of federal aid has not kept up with the increase in the cost of education.

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Letter to the Editor

Rajpal is right about Rolla

Dear Editor,

I would like to applaud Rajpal Abeynayke for his astute observations of "life" in Rolla. As an older student whose peers have all graduated and relocated themselves around the world, and whose parents have retired and moved to another town (pop. 285), I have no home base to retreat to. Home is wherever I am, and (unfortunately?) I am in Rolla for a while. After enjoying the cultural benefits of Chicago and San Diego, there

isn't much to get excited about in Rolla during school breaks, but I feel I must give credit to the Student Union Board, the UMR Performing Arts Series, the Remmers Special Artist/Lecture Series, the UMR Film Series, and radio station KUMR for their gallant efforts to bring culture to Rolla. Without them, Rolla really would seem like nowhereville.

Edie G. Hays
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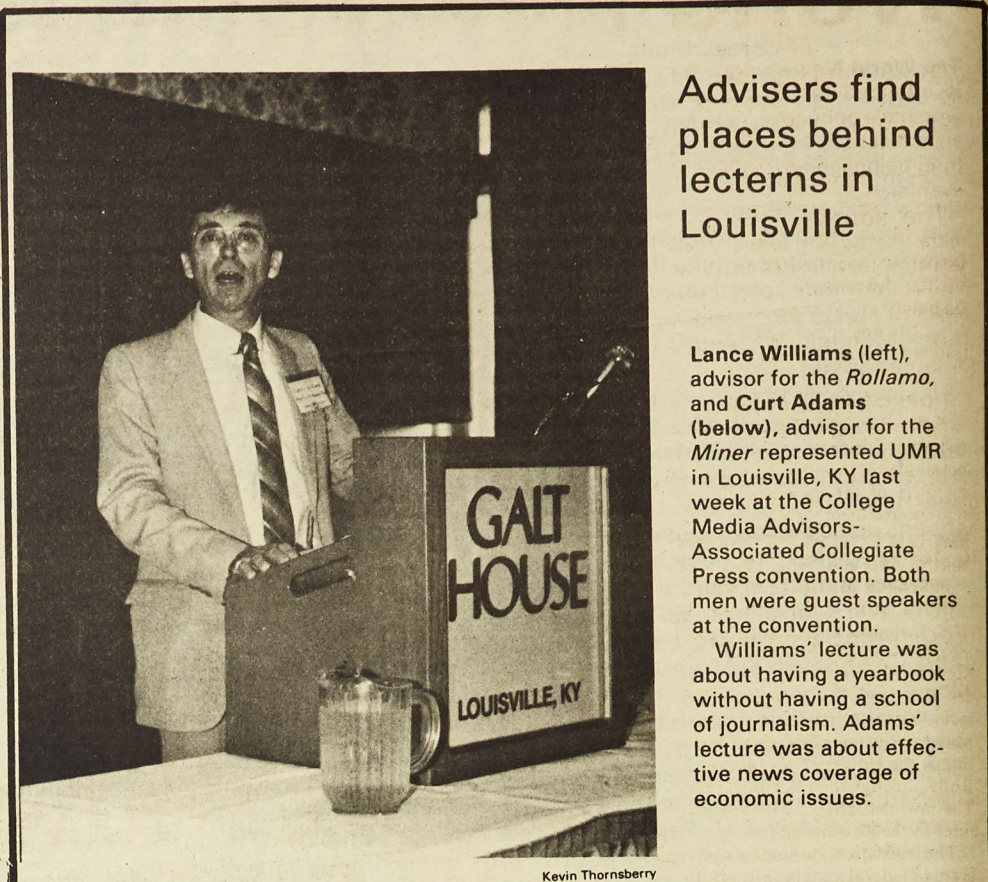
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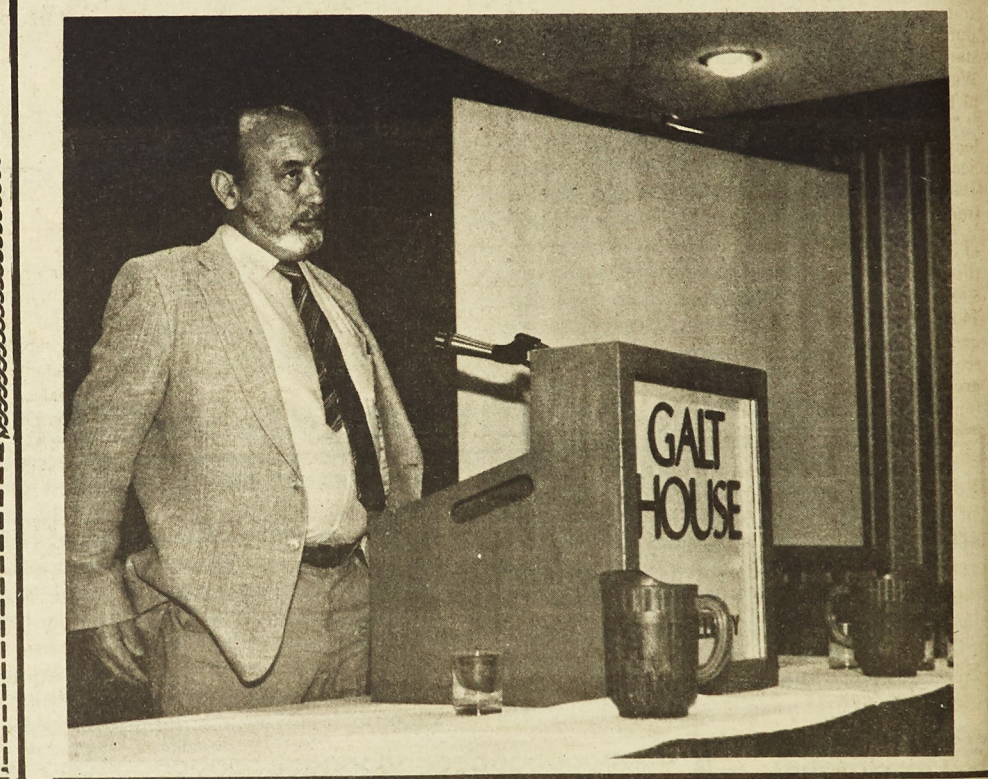


Advisers find places behind lecterns in Louisville

Lance Williams (left), advisor for the Rollamo, and Curt Adams (below), advisor for the Miner represented UMR in Louisville, KY last week at the College Media Advisors-Associated Collegiate Press convention. Both men were guest speakers at the convention.

Williams' lecture was about having a yearbook without having a school of journalism. Adams' lecture was about effective news coverage of economic issues.

Kevin Thornsberry



Infrared research is red-hot

source: OPI
Rolla, Mo. — A research project on infrared emissions from jet and rocket engine exhausts that may help minimize the detectability of jet aircraft and missiles is being carried out at the University of Missouri-Rolla.
According to Dr. H. Frederick Nelson, professor of aerospace engineering at UMR, and director of the project. "There are three phases of aircraft of missile detection—visual, radar and infrared.

"In this project, we are interpreting the infrared signals from jet and rocket exhausts," he added. "We feel that the reduction of infrared signals will have a strong influence on our missile and aircraft capabilities."
The project, which is being conducted under the Missouri Research Assistance Act, has received a total of \$18,313 in funding from the McDonnell-Douglas Corp. and matching funds provided by the University of Missouri under provisions of the act.

Nelson joined the UMR faculty in 1968. He holds a B.S. degree in aerospace engineering from Iowa State University and M.S. and Ph.D. degrees in aeronautical engineering from Purdue University.
He is the author of a number of publications and is a member of the American Institute of Aeronautics and Astronautics and the Combustion Institute. Nelson is a member of Sigma Gamma Tau and Phi Eta Sigma honoraries.

World News Summary source: St. Louis Post-Dispatch information used by permission

The World News Summary is intended for its readers, who have gone to college for an education, to keep them from being ignorant of world events.

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OPEC Holds to Oil Prices

Last week eight of the world's oil ministers gathered to discuss the possibility of lowering oil prices. A majority of the ministers present represented member nations of the

NEW LAW EXTENDS FUNDING FOR MINING AND MINERAL RESOURCES RESEARCH INSTITUTE AT UMR

Rolla, Mo. -- A bill passed by the U.S. Congress and recently signed into law extends funding for the State Mining and Mineral Resources Research Institute Program, including the Missouri Mining and Mineral Resources Research Institute at the University of Missouri-Rolla, through the 1989 fiscal year. The law also affects similar institutes in the 49 other states.

The legislation authorizes a program of federal matching funds for qualified mining and mineral resources research institutes at one public college or university in each state, according to Dr. Don L. Warner, dean of the UMR School of Mines and Metallurgy.

"UM-Rolla was chosen as the location for Missouri's institute because of its strong research programs in mining and mineral extraction," Warner explained.

Warner added that under terms of the legislation, each state institute will be eligible to receive \$300,000 in the 1985 fiscal year and \$400,000 annually for the subsequent four years. The institutes are required to share in the cost of the program by providing matching funds from non-federal sources.

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Organization of Petroleum Exporting Countries. Mexico and Egypt were among the other nations represented.

This meeting was held in answer to the calling of an emergency assembly of OPEC. The 13 members of OPEC have found it necessary to come together to determine their response to pressure being applied by both member and non-member nations to lower oil prices.

Nigeria, Britain and Norway have lowered their price per barrel by anywhere from \$1.35 to \$2.00. This puts the price for all three nations in the neighborhood of \$28.00 per barrel.

Despite this, Saudi Arabia's oil minister, Sheik Ahmed Zaki

Yamani, was very firm in saying that OPEC oil prices will not budge from \$29.00 a barrel.

Deficit reported to be \$175.3 billion

The federal deficit for the fiscal year that just came to a close has been announced to be \$175.3 billion. The magnitude of the deficit is second only to that of last year which was \$195.3 billion.

Government revenues came to a total of \$666.4 billion, representing an increase of 10.9 percent from the previous year. On the other hand, government spending increased by 5.8 percent for a total of \$841.8 billion.

One of the main contributors to the national deficit is the rapidly

growing interest rates that must be paid on the nation's \$1.6 trillion debt.

The year 1989 is predicted by the Congressional Budget Office to yield a \$263 billion deficit.

Missing Barriers made terrorist attack possible

The absence of parked vehicles or temporary blockades surrounding the Beirut Embassy Annex has been determined to be the missing link in security that allowed terrorists to succeed in last month's car-bombing.

It seems that in an effort to cover all weaknesses in security, those responsible overlooked the simplest and most basic need.

According to Senate investiga-

tors it is as a result of this oversight, not missing security guards or insufficient security devices that made the terrorists' suicide mission a success.

Rates and Pari-mutuel back on ballot to stay

Due to recent court decisions, both pari-mutuel betting and Proposition B will have their place on the November 6 ballot.

A court ruling last Wednesday determined that petitions did have enough signatures to put betting on horse races on the ballot. The ruling in favor of Proposition B was a result of the majority opinion of the Supreme Court that con-

see World News page 13

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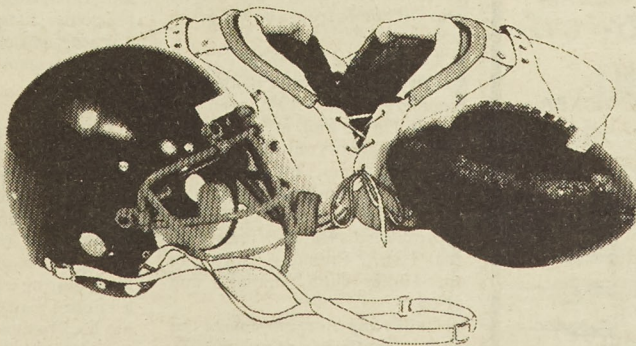
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To find out more about NSA career opportunities, schedule an interview through your college placement office. For additional information on the National Security Agency, write to National Security Agency, Attn: M322, Fort George G. Meade, Maryland 20755.

**On Campus Recruiting Date:
Nov. 15, 1984**



Joe's pulling for the students

by Angela Gutiérrez

"You have to realize that the plans you make and the things that you learn here are going to be with you for the rest of your life." This statement may sound like a pep talk about college from parents or a concerned professor, but in fact it is neither. These words of advice come from UMR's chancellor Joseph Marchello and reflect his entire attitude concerning UMR. As chancellor Dr. Marchello has many administrative duties, but his most important priority is the students.

Joseph M. Marchello was born on October 6, 1933, in East Moline Illinois, a town located in the middle-American farming and industrial region near the Mississippi River. Dr. Marchello is married and he and his wife Louise have two children—Sara who is a graduate student in anthropology at Drake University, and Katy, who is an undergraduate at Southeast Missouri State University majoring in agriculture.

Dr. Marchello finished his bachelor's degree in chemical engineering at the University of Illinois and earned his Ph.D. degree from Carnegie-Mellon University. His teaching career began at Oklahoma State University where he was an assistant professor. From there he moved to the University of Maryland where he quickly rose up the ranks and was Provost of the division of Mathematical and Physical Sciences and Engineering of the College Park campus when he was appointed UMR Chancellor in 1978.

Over the past six years, Chancellor Marchello has seen many changes such as the initiation and development of an honors program, an expanded summer program, and a variety of support and service programs in computer application and student services. One thing that hasn't changed is the fact that Dr. Marchello loves his job. "As my wife Louise will tell

you, I don't go to work, I go to play. I enjoy the chance to serve and work with so many nice people and to contribute to their education, growth and development," he said. "Certainly by far the nicest thing about UMR is the students. They are an outstanding group of people."

Dr. Marchello believes that there are many similarities between students of today as compared to when he was a student. "There was a period during Vietnam when things were different. There was a great deal of questioning among students of the government and agencies. Students seemed more permissive and restless." Now he feels that student life is pretty much like it was in the Fifties. "It's fun to be on campus. Students work hard and they play hard and that's good. They do a lot of things similar to the things we did. They seem to get into the same kinds of trouble and accomplish the same things." Dr. Marchello takes pride in these accomplishments. "I take great pleasure in a faculty member or a student winning an award or publishing a book. That makes me happy."

There are, however, some negative aspects which go along with the position of chancellor. The thing which is least enjoyable for Dr. Marchello is the shortage of funds. "It's kind of sad really," he said. "I wish the state could or would give us more money. There are many opportunities that we cannot take full advantage of because of the shortage of people, facilities, and equipment."

Despite the shortage of funds, Dr. Marchello is optimistic about UMR's future. "I think Missouri and the United States are beginning to realize the need to support their science and engineering educational efforts. I think they're going to make an all out effort to compete with the other industrial nations." He believes that this competitiveness will lead to the realization that education in the areas

of science and technology is vital. This will lead to the needed financial support. "Rolla is in a marvelous position to capitalize on the next big commitment of support that I see coming from the federal agencies, and industries, and of course the state of Missouri."

Another dimension is that because of its location and the growing population of Southern Missouri, Dr. Marchello feels UMR will continue to expand in several areas. "I look for an expansion in the humanities-social sciences areas to serve the region. We hope to be able to offer education and business classes because the region needs them."

Another constantly expanding program at UMR is the sports

program. Since coming to Rolla, Chancellor Marchello has witnessed the growth of many programs such as the soccer program and the women's athletic program. "I think UMR's athletic program should be held up as an example to the nation of how to run a college sports program," he said. "The athletes are very good students and the program is advanced enough that it is fun to watch. I want a diversified program. I take pleasure in the non-varsity sports like rugby. It's very important, especially on a campus like ours, to have a strong varsity athletic program and a strong intramural program. The intramural program here is outstanding and we're doing everything we can to help them." Some of these efforts

include the purchase of the Holsum property on the corner of Tenth Street and Bishop Avenue and the work taking place on several fields near fraternity row.

Chancellor Marchello summarizes his main concern as being that students at UMR have a well-rounded educational experience. "I would paraphrase the army ad and say, 'Be all you can while you're at UMR.' The campus programs in and out of the classroom are good," he said. "There are dozens of things that students can do and enjoy and learn from the development from socially as well as professionally. This is a very vital, very intense, rigorous, and pleasant part of your life and it's in your best interest to jump in and splash around."



Chancellor Marchello is a regular Joe.

Too young to stop

by Aruna Katragadda

So where's the beef? I don't know, the little old lady from Wendy's commercial still doesn't know, so who exactly knows where it is? Since no one I know seems to know where the beef is, I decided to ask the 79 year old employee of Hardee's restaurant. His answer was, "It comes from a cow, doesn't it?"

I can't argue with that. For the reason that neither my roommate nor I can even boil water right, and my so called "nice" neighbors only invite me for stale leftovers, I find myself trapped in fast-food restaurants more often than I want to be. And more often it's Hardee's restaurant that I visit. Probably because of the Turkey Club Sandwich and "Pop."

Unlike any other employees I've seen at any fast-food restaurants, Pop is 79 years old. When most people his age are either retired or

living in nursing homes, Pop is working seven days a week at Hardee's.

"If you stop, you don't last long", he says.

During the two hours he works daily at Hardee's, he works at the fries and he greets the in-coming and departing customers openheartedly. Frequent visitors usually stop and chat with Pop for a few moments or so. Like me, they agree that Pop is a delightful face to see.

Pop was born and raised in Arkansas under the name Martin Neumeier. Since then, he's been through two World Wars, and seen everything from the British invasion of rock 'n roll to Neil Armstrong's three giant steps for mankind. During which time, he's been a kitchen manager and cook, and has been in the restaurant business for 44 years. Along with his wife and four children, he first came to Rolla in 1962. And since then, he's

been working at nearby restaurants.

Because Pop knew the previous manager at Hardee's, he got a job there and has been working there for 14 months now.

When I asked him what he liked most about his job he replied, "I like my fellow workers and greeting all the customers." And what does he like least about the job? You guessed it, "Not enough hours to work."

I find Pop to be a unique individual because of the fact that he's always so cheerful in spite of his own personal problems, he's 79 years old and still working with an enthusiastic attitude, and he's been happily married to the same woman for 56 years.

"I'm a rich man without money," he told me. Yes, you are Pop.

And last Saturday, October 27, Pop happily celebrated his 80th birthday.

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What degree is right for you?

by Sally Love

If trying to make it within the university system is a hassle in itself, you might be better off "without the hassle." In short: are you really sure that getting a degree is best for you?

Dr. Stewart Cooper of the UMR Counseling Center says there are several signals for the academically unmotivated. These include:

"Really being unsure of your major, strong feelings of discouragement, total lack of academic enthusiasm or being bothered by lack of motivation. Persons with these characteristics may want to consider another field, or perhaps staying out of school and getting some experience at work before continuing college," he said.

"Other critical factors include a declining grade point average, feelings of low interest, very poor concentration and finding other things more interesting."

"The problem may also be stress brought on by extrinsic factors such as poor family life, physical illness, or emotional disappointments."

"Discouragements are the norm in academically rigorous college settings. Being motivated to achieve in the midst of them is an accomplishment. Without motivation, you won't succeed. Being motivated enough to sacrifice

some of your wants and transient desires for four years to get a degree is difficult," Cooper said.

"People with poor motivation may be in a discouragement cycle. These people tried hard without success, became discouraged, tried less hard and failed again. The cycle repeats itself."

"Lack of clarity of your goal is another cause of poor motivation," Cooper said. "If a student is not really sure if they want a degree in a particular field or can see no relevance in their courses, then they will find doing non-academic things much more rewarding."

"You can force yourself to stir up interest," Cooper said, by "getting involved, interest follows activity."

"Ask yourself why you're here. Is it because a friend is here, your parents want you here, you want to earn top dollar, or you are genuinely interested in the field. If you really want an education you should be able to give some definite reasons," he said.

"Making definite plans for your future is also important: What courses will you take and what field will you enter? Career counseling can be a good method of gaining clarity for yourself on this.

He further recommends getting actual experience and involvement with others in the field. As far as possible, relate your current academics to future occupational needs.

Do you take responsibility for your personal life and academic failures? If not, maturity may be the problem. Studies show that mature students get better grades and complete assignments before immature students.

"Some practical ways to increase motivation are change in daily habits to break the monotony and learn to manage your time. Allow some space for social, personal, physical and recreational needs. Also, make a daily to-do list and mark off things as you complete them."

"Make doing one of your wants contingent upon completion of homework, a practice of self-reinforcement. Rewarding effort, when tests come only every four weeks is important at UMR," Cooper said.

"Having a friend to study with can also help," he said.



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Friday evening the "Mistakes" provided the entertainment for the SUB sponsored Homecoming dance. Although the dance was not well attended, those who did participate enjoyed themselves. Terri Kelly, a freshman computer science major said, "SUB really had everything looking nice and we had a good time." The main event of the evening

was the presentation of the 29 Queen candidates and their escorts. The top ten candidates and then the four finalists were announced at that time.

Homecoming

1984

story by
Angela Gutierrez



The weather was the only dreary aspect of the weekend which got underway Friday as alumni from all over the country began arriving. Old friends were reunited and new acquaintances were made as the alumni participated in luncheons, banquets and many other activities.



Saturday, a large crowd was treated to a thrilling 27-3 victory by the Missouri Miners over the Lincoln Blue Tigers. The victory broke the Miners' two game losing streak and brought their conference record to 2-2.



estivities

Saturday, Oct. 27, during a downpour which seems to have become a tradition at UMR, Trelah Elliff was chosen as UMR's 1984 Homecoming Queen.

This year's Homecoming Queen was nominated by Thomas Jefferson Residence Hall Association and is a sophomore in ceramic engineering. The pretty, bright-eyed brunette is from Hannibal and is proud to be associated with such a well-known historical town. "Hannibal is a small town of only about 20,000 people. In high school it was always fun because everyone knew everybody. the town itself is really nice. It's right on the riverfront and there are constantly tourists coming through. People really have a sense of pride about Hannibal."

Trelah was extremely active in high school. She was captain of the volleyball team for three years, played softball, was yearbook editor, was in student council, National Honor Society, and "all the normal stuff."

UMR was a logical college choice for Trelah because of her math and science abilities. "I always excelled in



math and science with no effort at all, so I thought, 'Well, it can't be that hard.'" she said. After visiting UMR several times she found that she really liked the people and the professors, especially those in the ceramic engineering department. "There's around a hundred of us including the faculty, students, and the typewri-

ters! It's a real small department and everyone knows you real well and are very encouraging and helpful."

Staying as busy as possible seems to be one of Trelah's favorite hobbies. Besides carrying a 15 hour class load, she works 25 hours a week at a local florist. She is also active on various committees at Thomas Jefferson

Hall, is involved in intramurals and Rolla City co-ed volleyball league, is a little sister at Phi Kappa Theta fraternity and is a member of the American Ceramic Society.

Despite being so busy, Trelah finds time to enjoy UMR. "I think I like the people the best. Everyone is under the same pressures. There's a lot of strain going on here. It's not like your average college campus because here everyone really tries to help each other out. It's very friendly, unlike some campuses I've visited."

Trelah looks forward to the future. "Everything's getting harder and sometimes you think, 'Is it really worth it?' It will be. I'd like to work in a glass plant or factory of some type and establish a successful career. I'd like to start a family after that but nothing real definite yet. That's a long way off!"

For someone who was "not even expecting to make the top ten," Trelah was more than surprised to win. "I was stunned! It was like I wasn't really at the game at all. It was like a fairytale was happening and it wasn't really me."

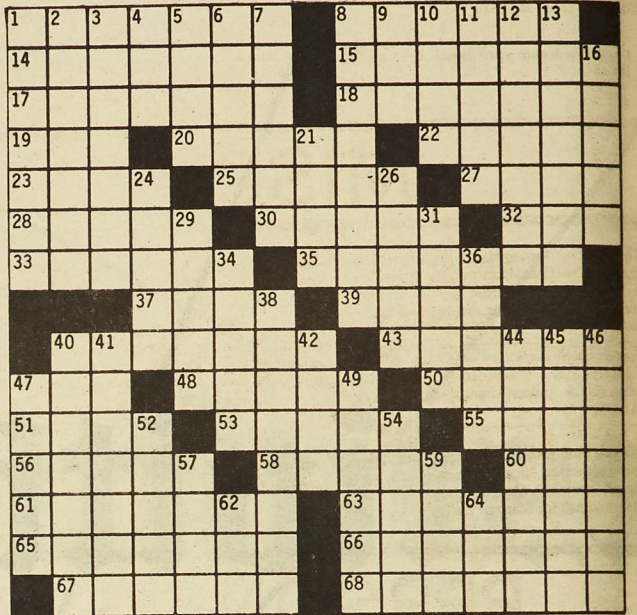
BLOOM COUNTY

by Berke Breathed



Cavern Crossword Contest

This week's Contest Crossword is being sponsored by The Cavern. The Cavern has donated \$10 to be given to the winner of this week's contest. To submit a completed crossword, simply drop it in the Miner Box on the first floor of the Rolla Bldg. by Tuesday noon. One crossword per name or address, please.



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ACROSS

- 1 Dutch philosopher
8 Wonder of the world locale
14 Degree of quality
15 Boat race
17 Everything counted (2 wds.)
18 Gave forth
19 Prefix: wool
20 Barbara and Sir Anthony
22 Coast
23 Ms. Arden, et al.
25 Close to (poet.)
27 Actor Jannings
28 Avian abodes
30 Shoe parts
32 Cakes and
33 Inferior substitute
35 God of the sea
37 Swerve
39 Mr. Connery
40 Eileen or Walter
43 On the stock exchange
47 "Light-horse Harry"
48 Hatred
50 Audacity
51 Formerly, formerly

- 13 Infertile
16 Fred Astaire's sister
21 sign
24 Ward (off)
26 Drive back
29 Taker of dictation
31 Cleaning problem
34 "The Prisoner of ..."
36 Racer Al or Bobby
38 Good-natured ridicule
40 One who scolds
41 Fidgety
42 Unclad
44 Walked on
45 Apparent
46 Gobi and Mojave
47 Relative of the monkey
49 Organization component
52 Like a bathroom wall
54 Comic strip character
57 Shade of green
59 Exigency
62 Buddhist sect
64 Scottish uncle

DOWN

- 1 Triangle with unequal sides
2 Idle chatter
3 Disease
4 Insect egg
5 Woodwind instrument
6 Classmate of Dobie Gillis
7 Eve and Enoch
8 Beforehand bargains
9 and how
10 Spartan king
11 Early-blooming (poet.)
12 Empire or footstool

Placement

CAREER DEVELOPMENT WEEKLY DETAIL SHEET PERMANENT EMPLOYMENT

Campus interviewing week of Nov. 26-30

Signups for the following companies will be located in the basement of the Rencher Building, 9th & Rolla Streets. Use the door on the southeast corner. Signup hours: 8:00-11:00 a.m. for morning interviews; 1:00-3:00 p.m. for afternoon interviews.

PEACE CORPS/VISTA, Kansas City, KS Will interview recent grads, December 1984, May 1985 grads with BS/MS/PhD in all majors - volunteers work with the host country to provide technical assistance in areas such as math & science teachers, civil engineers, agriculture, health. Volunteers receive a monthly living allowance and readjustment of \$4200 upon completion of two years overseas. Additional info: transportation, training, health benefits and vacation time provided. Location: overseas, developing countries. Interviewer: unknown; U.S. CITIZENSHIP REQUIRED. Interview date: November 27, 1984 Number of schedules: 1 PRIORITY SIGNUP: November 12, 1984 REGULAR SIGNUP: November 13, 1984

LOWER COLORADO RIVER AUTHORITY, Austin, TX Will interview recent grads, December 1984 grads with BS/MS in Geological Engineering for Geological Engineers. Individuals are needed in the Fuels Acquisition Department to apply the principles of engineering geology in the areas of hydrology and geotechnical as they relate to lignite mine planning and permitting. (MS degree is preferred) and knowledge of surface and groundwater hydraulics and geotechnical engineering as they relate to surface mining and construction. PERM. VISA REQUIRED. Location: Austin/LaGrange, TX Interviewer: Colette Holstine & Carlton Hanson Interview date: November 27, 1984 Number of schedules: 1 PRIORITY SIGNUP: November 12, 1984 REGULAR SIGNUP: November 13, 1984

DAVID TAYLOR NAVAL SHIP R&D CTR., Bethesda, MD Will interview DECEMBER 1984, MAY 1985 grads with BS/MS in Aerospace; BS/MS/PhD in Civil, Mechanical, Electrical, Metallurgical Engineering, Physics, Computer Science for positions in areas listed below: As the principal research and development test and evaluation center for naval vehicles, the Center conducts studies on new vehicles concepts, ship/aircraft compatibility and ship trials; surface and subsurface vehicle technology; hydrodynamics and vehicle aerodynamics; ship structures and ship servi-

vability under the effects of weapons; computer-aided ship design and construction; computer software technology; acoustic performance and predictions; ship submarine and craft noise measurement and silencing; ship control, propulsion and habitability; marine piping and shipboard pollution abatement. U.S. CITIZENSHIP REQUIRED. Location: Bethesda or Annapolis, MD Interviewer: unknown Interview date: November 28, 1984 Number of schedules: 1 PRIORITY SIGNUP: November 13, 1984 REGULAR SIGNUP: November 14, 1984

EASTMAN KODAK, Rochester, NY Will interview DECEMBER 1984, MAY 1985 grads with BS/MS in Electrical Engineering for Research, Design & Development, Mfg. and Quality Assurance, Software Engineering for Rochester, NY facilities; BS/MS in Computer Science for Software Engineering, Programmer/Systems Analyst for Rochester, NY facilities. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED. Interview date: November 29, 1984 Number of schedules: 1 Comp Sci 1 PRIORITY SIGNUP: November 14, 1984 REGULAR SIGNUP: November 15, 1984

As of 10-26-84, this is the remainder of the companies scheduled to interview during the Fall 1984 recruiting season. Please check department and placement office bulletin boards for any last minute interview scheduling, changes, etc.

A list of companies tentatively scheduled to interview during the Spring 1985 recruiting season will be available prior to Thanksgiving vacation.

CAREER DEVELOPMENT WEEKLY DETAIL LIST SUMMER EMPLOYMENT

There are no additional companies scheduled to interview at this time. Applications will be accepted by the following company for the Summer Development Program:

AMOCO RESEARCH CENTER, Naperville, IL Will accept applications from students who will be seniors or graduate students in Mechanical or Chemical Engineering to work on projects during the summer months. Positions in the Summer Development Program are limited. Application or resume along with transcripts and a cover letter stating career interests and object. should be mailed prior to February 1, 1985 to: Professional Recruiting Coordinator Amoco Research Ctr., P.O. Box 400 Naperville, IL 60566 Applications are available in signup office Career Development.

CO-OP

NOVEMBER, 1984 USDA FOREST SERVICE Elkins, WV and Duluth, MN Accepting resumes for Civil Engineers

Requirements: U.S. Citizen, 2.0 or above, Cannot be a son or daughter of a Department of Agriculture employee.

Students interested in Co-op employment with the Forest Service, check with the Co-op Office as soon as possible.

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMN. Kansas City, MO

Accepting resumes on students in the fields of Engineering

If interested, please contact the Co-op Office as soon as possible.

Openings on the following schedules:

Anheuser Busch St. Louis, MO Interviewing: Mgmt. (preferred) but will also interview C.Sc. Requirements: 3.0, finishing sophomore year.

Buick Motor Div, GM Flint, MI Interviewing: C.Sc., E.E., M.E., Eng. Mgmt. Requirements: 3.0 or above.

Check with the Co-op office if interested.



FREAKER'S BALL '84

Featuring the 500 Watt Road Show

SATURDAY, NOVEMBER 3 at THETA XI 1605 PINE

8PM till beyond the Witching Hour REFRESHMENTS!!! COSTUME CONTEST!!!



Classifieds

UMR Bagpipers make debut

FOR SALE

For Sale: HP11C Almost Brand New 45.00
Call 341-5597 after 2 pm.

For Sale: Oldsmobile Rallye Wheels Set of 4,
14 X 6, with P205/R14 tires. Good condition.
No center caps. 364-2518.

1 and 2 bedroom apartments: John Keller,
364-6886.

For Rent: Spring Semester '85, 4 bedroom
house located at 607 W. 9th (across from the
Quad) Cost is \$400/month plus utilities.
Contact: Doug at 364-8968 or 364-6388.

Deluxe new 2-bedroom apartments, energy
efficient, close to campus, available Dec-
Jan. John Keller, 364-6886 evenings or
364-6635 days Lanny Foster.

MISC

The Civil Engineering Honor Fraternity, Chi
Epsilon HP-41CV calculator raffle tickets are
on sale for 50¢ each from any Chi Epsilon
member or pledge. The drawing will be on
November 18.

Found: Small cat/kitten by Co-op office/
Centerre Bank Wednesday, 24th, dark
calico (black, yellow, orange), female. Call
341-3857.

Wanted: Non-smoking female roommate for
spring semester. Nice apartment, partly fur-
nished, 2 blocks from campus. Call 364-
3483, and ask for Mary or Lesley.

Sunday, Nov. 4 Sig Nu Pizza Dinner 4 pm-10
pm Deliveries after 8 pm... All you can eat for
\$3.00

Female Senior needs place to live spring
semester, preferably with roommates and
furnished. If you can help me, please write:
Cherilyn McGill
4050 Charleston Dr.
Colorado Springs, Co. 80916

AIKIDO partners wanted. Please call 341-
4803 or 341-2351.

PERSONAL

Jim B.
It wasn't hard to track down someone with a
mouth as big as yours. All we had to do was
check the weather maps for the hot, high
pressure areas in the U.S. and sure enough
here you are under the hottest, highest pres-
sure zone. If we were in the EPA, we'd not
only have you fined for noise pollution, but
taxed as a major producer of thermal waste.
Augustana CC

P.S. We hope your fur-lined athletic wear
gets infested with fleas.

To Kevin, Don, Bob, & Eric: You're the best
Sig Tau Big Brothers ever!
Love, Kim, Maureen, Lynn, & Wendre

Good luck to the Golden Heart Intramural
Volleyball team! Get psyched and have fun
out there!

To the Little Brothers of Pi Kappa Alpha,
Thanks for all the surprises and especially
for the great wake up on Sunday Morning.
It's great to have you as a part of our family!
Love, Your Big Sisters

Romance is in the air
People are beginning to stare
Kim is out on the town
and the couple is getting down
When will it end
Better yet, when did it begin
Why should we be confused
Nay, someone doesn't know the best to
choose
to have you we'd appear so cheap
We'd rather be walking the streets
Sly & Wicked

Ray,
Washing machines can be a real hassle,
especially when you don't know how to han-
dle them. Next time, don't forget your hose.
Signed, "Anything for a buck" and "Brownie
maker"

F.M.I.:
If you ever want to wave another leftover
again, distribute all the food in West (pillered
or otherwise) to the poor, needy dormies in
the Quad and agree to restore the Litton to
its proper place in the main kitchen. Unless
these demands are met by Monday 10/29,
we'll cut off its power cord and send it to you
is proof of our dedication to the cause.
Let the Brothers have Microwaves, United
Microwave Recapture, Security and Under
Cover Kidnapping Specialists (UMRSUCKS)
P.S. The goldfish are next!

Where is the "Blue Key"? Will this be a
repeat of last year?

Y & I
What color was that convertible anyways?
Noxious & Jim

K.B.
Have a Happy Birthday and a good weekend
at home.
Your Best Friend!

Connie,
Don't worry-stupidity doesn't stick with you
forever. The odds are against you, though.
The Babysitter

Lisa,
I was surprised I didn't get a message from
you in the Miner. I guess that means you
haven't guessed who I am yet. I'll give you
another clue. My volkswagon is not the same
color as your Cadillac.
Now a note to the Miner staff. Can you take
a picture of Lisa and her Cadillac out by the
hockey puck and print it?
Volkswagon

To: J.B.'s Roomie
Being Stubborn can be fun but aren't stub-
born people frustrating! I think it is funny!
J.B.'s Roomie

Stubborn Stockholder.
Give up some shares or at least some
dividends.

Jupiter Girl,
What do the Jupiterians look like when they
grow up?
Your Spaghetti Sauce Friend

Hank
Try to keep the barnacles out of your throat
so you can talk.
Gilligan

Mac 105 Girls
We missed you on the Hayride.
Apt.#2

Ride wanted to Tulsa/OKC area for
Thanksgiving break. Will share expenses.
Call Tracie 341-5576.

PA,
Thanks for the fun time this weekend. This is
your letter for the week. See you Saturday.
Love, C.

Rolla, Mo.—The sounds of Scot-
land were heard in the Ozark high-
lands Saturday (Oct. 27) when the
University of Missouri-Rolla's
bagpipe band made its first
appearance prior to UMR's home-
coming football game.

The bagpipe band performed
during pre-game festivities that
began at 1 p.m. at the UMR sta-
dium. The Miners faced Lincoln
University in the homecoming
game. Kickoff was at 1:30 p.m.

"We felt that a bagpipe band
would serve as a nice complement
to UMR's marching band, and,
fortunately, there was gift money
available for the project," said Dr.
David Oakley, chairman of the
UMR department of applied arts
and cultural studies and director of
the band program at UMR. "I
think everyone will enjoy the
bagpipers."

In addition to performing in
conjunction with the marching
band, the bagpipers will play as an
independent unit at events such as
parades and festivals.

Oakley and eight UMR students
(seven pipers and a drum major)
have been practicing for the past
several months in preparation for
Saturday's debut. The students in
the bagpipe band were: Tamara L.
Darnell, senior in English from
Clarksville, Tenn.; Matthew W.
Doell, senior in electrical engineer-
ing from Manchester; Julia K.
Dahn, freshman in electrical engi-
neering from O'Fallon, Mo.;
Stuart Gardner, senior in mechani-
cal engineering from Joplin;
Andrew F. Hall, junior in chemical
engineering from Kirbyville; Bob
Meeks, junior in computer science
from Carthage; C. Lynn Seaborn,
freshman in aerospace engineering
from Naylor; and Barbara Steyh,
senior in mechanical engineering
from St. Louis.

"We attended clinics and a high-
land festival, and Jim Lincoln of
Waynesville also was a great help
to us in learning to play the
instruments," Oakley said. "He is a
master piper and a former member
of a championship band in
Chicago."

The band wore Ancient Dress
Campbell tartan kilts and the bag-
pipers featured Ancient Dress
Campbell tartan covers. "The
Ancient Dress Campbell tartan
included silver and gold—UMR's
official colors—so we felt it was an
appropriate choice," Oakley said.

In its first appearance, the bag-
pipe band performed two songs,
"Robin Adair" and "This Olde
Hose." "Bagpipe music is tradi-

tionally played in two sets of airs,"
Oakley explained. "We will add
tunes to our repertoire as the band
develops."

Mastering the bagpipe takes
both time and attention. "The
reeds used in the pipes require a
great deal of preparation and
attention," Oakley said. "As a
result, the training of bagpipers
takes some time. Our students
have shown a lot of dedication and
are to be congratulated for their
efforts."

He added that bagpipes have
played an important role in the his-
tory of Scotland. "The bagpipe is
the national instrument of Scot-
land," Oakley said. "Each family
or clan had its own songs, which
were handed down from genera-
tion to generation, and its own
piper."

"We hope that our performance
at homecoming will start a similar
tradition in the highlands of
Missouri."

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World News

from page 7

tends that the constitutional com-
plaints raised by Union Electric
should not be considered until
after the people are allowed to vote
on it.

If Proposition B were to come
into effect, it would impose several
limitations on utility rate increases.
To begin with, federal and state
governments must accept the
manner in which radioactive waste
will be disposed of, before the cost
of the plant can affect utility rates.
Secondly, cost overruns could not
be passed on to the consumers, and
rate increases could not exceed 10
percent a year.

Halloween

The Curse on the Selfish Lady

by Aruna Katragadda

There's something almost abnormal, something very bizarre about a particular place on this earth. Here the rich live in luxury, but seldom are they fortunate. The poor live in misery, but they possess an uncomfortable, eerie, dominance that neither money can buy nor science explain.

It is believed that a long time ago something unusual occurred here, something never to be forgotten.

Something very true.

In this world narrow streets are possessed by wretched poverty. Beggars occupy every vacant space. Men, women and children, with no legs or arms, half-clothed, half-alive, endure each day among these streets. Men with thin bodies stand together, laughing noisily, revealing their rotten, brown teeth. Women with wrinkled, burnt skin sit huddled closely together, murmuring small children with thin skin and projected bones play barefoot among the filthy, grimy roads.

And then there are those who are the outcasts of an already outcast society. There is something frightening about their unusual deformity. They speak with deep masculine voices, and yet there is

KMNR Groundwaves

See you at the Freaker's Ball!

Hi, I'm back!! Miss me?? (I didn't think so...) No, I wasn't committed to the local looney bin. Like Disaster Area's Hotblack Desiato, I found it necessary to spend a month dead for tax purposes. It's amazing how much money you can save when you're dead: no food, no utilities, no entertainment, beer, clothing, sex, etc. I did have to pay rent though.

Did you catch "THE MIST" last night? Wasn't it a gasser?? I can't wait for the sequel! Many thanks to ZBS Productions, National Public Radio, KUMR, and of course the creator, Stephen King, for some truly unique Halloween entertainment.

New Wavers take note: the KMNR Road Show will be appearing at the Sigma Nu Wave

an awkward femininity about their actions. They remain isolated from the rest, though they share the same misery and the same power.

It is among this society that the color has been washed away, leaving behind a gray world, a world that is the thin line between the real and the unreal, between life and death.

An elderly lady walked gracefully down the crowded street. She rigidly stepped over the resting bodies. Immediately, the limp bodies rose, as if awakened from death. They followed the lady and fro behind they touched her softly with their fingertips. Small children held her legs and tugged on her dress gently. The women touched the lady's long, black hair in a mystical way. The lady ignored them all and continued to walk on. Still they persisted after her. They all moaned and chanted for her to give them money, food, or just approval.

She shooed them away coldly, but still they clung to her. A few fell to her feet, touching them, as if to pray to her. The children held their tiny, trembling hands out, asking for anything she could give.

She remained emotionless to their begging and with an icy voice she called them names and

ordered them to take their dirty, hideous hands off of her.

Instantly, they dropped their hands and the chanting stopped. They all stood motionless and watched her through their still, gray eyes. The lady walked on, not turning to look back, for the silence they left behind was too loud.

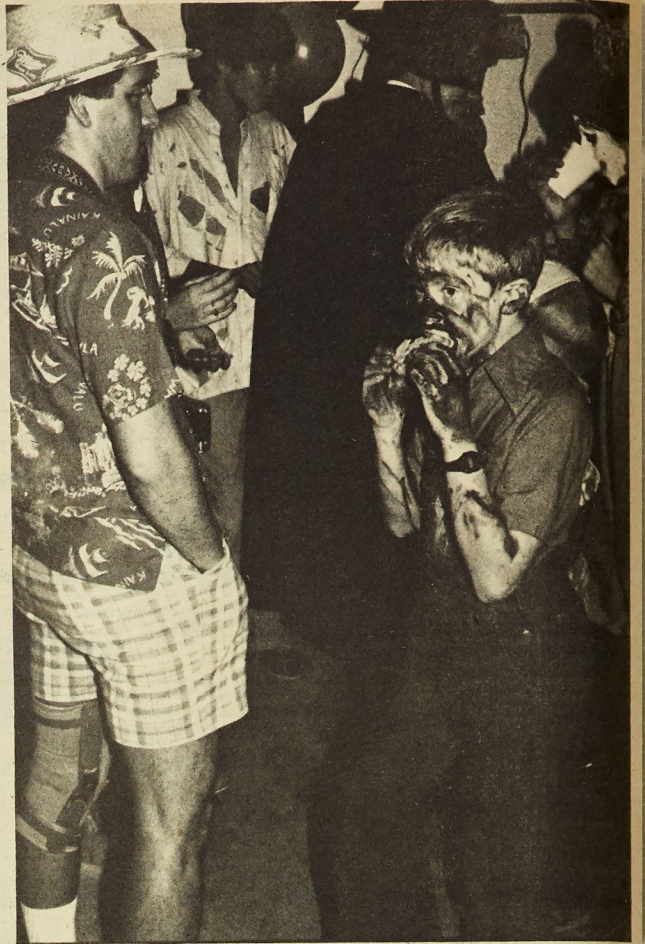
Almost as strange as the sudden silence, a shrilling, thin, voice spoke to her. It said that she would eventually pay for what she had said. That she would never forget this day for the rest of her life.

For a second the lady ceased in her motion. She was surprised by the bitterness of the voice. It sounded real, maybe too real. Quickly she started to move again, this time a little faster.

As she reached her home, the maid promptly opened the door to let her in.

That night the lady lay in her bed, unable to sleep. The dogs outside barked endlessly. Several times she had asked the watchman to see why the dogs barked so. Each time the watchman drew a blank answer. She couldn't understand why she wasn't able to find any sleep.

see Curse page 16



The Big Brothers/Big Sisters of Rolla had their Halloween party last Monday. At right is Jason Duvel, Little Brother of Jeff Massengill, a senior in civil engineering. The Big Brothers/Big Sisters program tries to give some single-parent kids someone mature, yet close to their own age, that they can spend time with.

Big Brothers/Big Sisters lacks 20 able people

by Michael Walsh

The Big Brothers and Big Sisters organization in Rolla is in need of 20 or more new Big Brothers or Sisters. Many kids in Rolla have only one parent through divorce or accidents.

The Big Brother and Big Sister program tries to give kids someone that may be a little closer to their age and who would be willing to spend 3-4 hours per week. You can be a buddy, friend, father, or mother to these kids by giving them a little attention.

The purpose is to maybe take them somewhere, or do something with them, that they would never get a chance to do while they grow up. Hiking or fishing are just a couple of activities. Even being a friend to these kids for just a few weeks would be great. It is a worthwhile experience for both participants.

If you are interested in becoming a Big Brother or a Big Sister and have questions or would like information, call the Rolla office at 341-2600. Go ahead, make someone's life!

Johnny's Smoke Stak

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Hickory Smoked Ribs
Our Specialty

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All You Can Eat

Only \$6.45

Call 364-4838 for reservations



"There's only one thing better than being a Little Brother--that's having you as my Big Brother."

Volunteer Today!

Call 341-2600

Classifieds

Ard, you piece of lard!
Some people have no class.
Its bad enough that you dont
even attend them. Youre funny.

I.Spy

Hey Gambo, you male sl..!
ONE LITTLE, TWO LITTLE, THREE
LITTLE FRIENDSIES...I bet you love to
bowl. Hope you're in a good mood.

Dropping Pins

!!HAPPY BIRTHDAY KATHY L!!

How does it feel to be that magical 21! VCR
at my house and one promise sip at Brunos,
if future hubby permits? Hang loose and play
volleyball.

The Old Crew w/squirtguns

CONGRATULATIONS TO Sigma Phi
Epsilon for being the I.M. Flag Football
Champions in their division!! You guys
played an awesome game against Sig Nu!
See you on TV!

The Golden Hearts

Happy Birthday Sandy! You finally made it
to the big 20! Have a fun one-

Your Bunkie

Pumpkin Head

So you didn't let Mr. Peepers do your think-
ing for you after the HoeDown-Time for an
attitude adjustment, BCM at Midnight
Friends of M.H.

P.S. Was it worth the shirt?

Congratulations to Rich, Todd, Jim C., Joe,
Fred, Chip, and Jim V. on your initiation into
Pi Kappa Alpha. We're proud of you.
Love, The Sisters of the Shield and Diamond

Grant,

So, this sickness called Who-mania is
spreading, is it? Well, I know one person who
will escape its deadly clutches. There are
better ways to commit social and scholastic
suicide.

Signed, Guess Who

Happy Jack

I still have two "get out of Jail free" cards
When do I get to use one?

Hot ham & cheese, twice



Fine classical performance presented

by Rajpal Abeynayake

Classical music artists were
treated to a virtuoso performance
by pianist Dimitri Shostakovich, a
grandson and namesake of the
world reknown Russian composer
Dimitri Shostakovich.

Shostakovich was with the well-
known Kammergild Chamber
Orchestra who were in concert last
Monday at the UMR Cedar Street
Center.

The concert featured an almost
strange and tempestuous mix of
music from the best of both
worlds—compositions of masters
from Russia and the United States.
The Russian compositions fea-

tured were mostly owed to Lazar
Gosman, the music director of the
Soviet Emigre Orchestra in the
United States. Himself an immi-
grant from the USSR, Gosman
founded the Kammergild Chamber
Orchestra in 1978 and has since
functioned as its music director.
He is currently the artist in resi-
dence at the University of
Missouri-St. Louis.

The well-attended concert fea-
tured classics from Arnesky and
Shostakovich, with Shostakovich
on piano and guest artist Lorraine
Cohen on trumpet. Also featured
were pieces from Latham and
American composers Barber and

Bartok.

The lively Rumanian folk dance
compositions by Bartok, which
had been transcribed to string
orchestra, were given an extended
standing ovation by an apprecia-
tive audience.

Lorraine Cohen was excellent
on the trumpet and along with a
grand performance by Dimitri
Shostakovich brought to life the
Lento and other compositions of
the great Shostakovich.

The concert was presented by
the UMR Campus Performing
Arts Series in cooperation with the
Fine Arts Committee of the Stu-
dent Union Board.

Jay Leno could be a rich man

by Aruna Katragadda

A penny for your thoughts?

A penny for your laughs and
comedian Jay Leno would be a
wealthy man indeed.

Born in New York, raised in
Boston, Mass., at 34 years of age
Jay Leno is getting paid for some-
thing he once used to get into trou-
ble for.

"As far as I can remember, I've
always been the class clown. Prob-
ably my teachers are looking at me
now and wondering how the hell
am I making a living by being a
smart-ass," remarked Leno with a
toothy grin.

On October 23, Jay Leno gave a
performance at Centennial Hall
which provided his audience with
lots of laughs. On stage, his humor
is crisp and light. Maybe it's his
creative facial expressions or his
Italian charisma that seems to turn
every word that flows out of his
mouth into a room full of blantant
laughter.

So does this comedian have a
favorite comedian?

"Sure I like just about anyone.
But my favorites are Robert Klien
and Rodney Dangerfield. They
have a particular style that's in a
class by itself."

Maybe so, Mr. Leno, but you

too are in a class by itself—a class
that's strictly solid laughs.

During the time he attended
Boston University, Leno began to
put his skill to work. He went to
the local night clubs and began to
do shows. Since then, he's
appeared on such shows as "The
Tonight Show" and "Late Night
with David Letterman," and he
also does shows in Las Vegas and
across the country.

"This is what I enjoy doing most,
making people laugh. And yeah,
I'm basically a happy man. If I had
to change anything about my life, I
wouldn't change a thing," he said.

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Tales of the Thirteenth . . .

In the last episode of "Tales of the Thirteenth," J.R. Brewing Jr. had just begun the first day of his new life at UMR on the thirteenth floor of Thomas Jefferson Hall. The little-known thirteenth floor, as you know, is where the Administration hides the students they don't want to claim. J.R. Junior, for example is filthy rich. Junior has already encountered several problems in his first few minutes at UMR. Last episode ended with Junior meeting his new roommate,

Mercury Spax...

Junior dropped his Gucci suitcases and stared at his new roommate in disbelieving amazement. "You're from WHERE?" he asked, barely managing to get the words out.

"Alpha Centauri," Spax repeated as he turned the page of his Flash Gordon comic book. "It's a nice place, if you don't mind the four year lag in TV reception."

Junior hoped his new roommate would simply laugh and say that he

was kidding. No dice. "Then, what are you doing here?" he asked.

"I'm a transfer student, of course," Spax replied. He smiled, "Heck, if you think having to pay out of state tuition is bad, you should try paying off-planet tuition!"

Junior felt like he was about to be sick. "Uh... how much DOES it cost?" he asked as politely as he could.

"It's astronomical," Spax replied. "We almost had to sell the family business to pay for it."

"Family business?"
"Yeah, my dad runs a restaurant that's out in deep space, halfway between here and Alpha Centauri. It's got a great menu, but no atmosphere."

Uh... I think I'll go find the restroom now," Junior stammered as he excused himself and wondered if Rolla was big enough to have a psychiatrist.

Into the hall he stumbled, "OOOOFFF!!" Junior collided into a solid wall of flesh. Now what? A large athletic guy wearing a football jersey glared down at Junior. On his chest he proudly displayed a pin that said "God's Gift to Women". He held a large mesh bag of footballs over his shoulder and was carrying several large boxes under his arm.

"Here!" he said in his husky voice as he effortlessly tossed a case of Bud into Junior's stomach. "Help me carry some of this stuff."

Together they hauled the stuff to his room and dumped it amidst the piles of bodybuilding magazines and weightlifting equipment. The brawny fellow extended his hand and said "Hi, I'm Bobby Johnson. My friends call me Moose."

Moose explained that he was a sophomore, a transfer student from SNMU.

"What did you take at SNMU?"

Junior asked, trying to make polite conversation.

"Ya' mean like classes?" he laughed. "Oh, I don't need to take any classes 'cause I play football."

"Hmm... I've heard a little about the schools around here," Junior said. "I think things are a little different at UMR than they are at SNMU."

Moose looked confused. "Whadda ya' mean?"

"I think you're going to have to go to classes here."

"I've got to WHAT?"

"Take CLASSES." Junior repeated.

Moose's jaw dropped to his chest as a wet spot began to spread down his pants...

Will Junior go crazy? Is Spax really from Alpha Centauri? Will Moose go to class? The answers to these questions and more appear in the coming episodes of—**Tales of the Thirteenth.**

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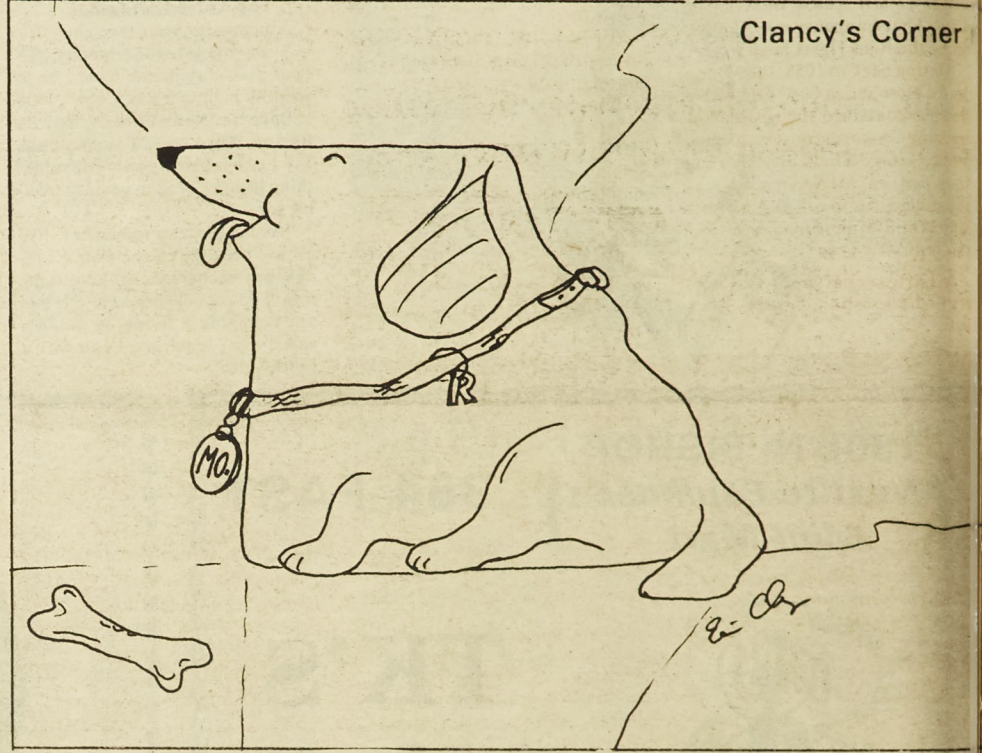
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FRANKLY SPEAKING phil frank



Curse

from page 14

That wasn't the only thing she couldn't explain because what was to follow over the next seven months would be something neither she nor anyone else could ever explain.

It was during these months that "accidents" began to happen—unexplainable accidents. It has been said that every one of her five children died. Accidents, ill health,

suicide were the explanations offered to console her about the misfortunes.

The lady, being too proud and too bold, wouldn't believe others as they told her that it was the beggars, that it was they who were making all these "bad" things happen. To her, no one had the power to take life away from anyone—no one but God.

They say the woman lived in misery and solitude for the rest of her life. The only survivor to these misfortunes was herself and one grand-child.

UMR gives Homecoming crowd victory

by Jim Harter

Last weekend had its many pleasant moments. Whether a jubilant Trelah Elliff, an excited alumnus, or a victorious football team was going to let a little precipitation dampen the outcome of their accomplishments. As for the UMR football team, their accomplishment put them back in the winning column with a 6-2 record with only two games remaining. Over 6,000 Homecoming fans witnessed a revenge match with the Miners coming out ahead 27-3 over the Blue Tigers of Lincoln University. The Blue Tigers won its first MIAA conference game in four years as Lincoln defeated the Miners 21-17 last season in Jefferson City. That happens to be the last game the Blue Tigers have won.

Dating back to 1958, the Miners lead a close series 11-8. The Miner defense contained the rush giving up only 36 yards on the ground while George Stock and his right foot tied an MIAA record with four field goals to roll over Lincoln who is still winless in eight games this season.

In the first quarter, on the Miners first possession, George Stock

converted on his first field goal 23 yards out. Then following a Ken Zerkel interception, the Miners marched down the field with George Stock again booting a 27 yard field goal. The score was only 6-0 after the first quarter with the Miners dominating possession of the ball.

In the second quarter Junior John Frerking faked a punt and ran it 32 yards for a touchdown, with George Stock converting the P.A.T. This exciting play gave the Miners a halftime 13-0 edge along with the momentum.

The defense continued to shut down Lincoln and their star running back Durrell Taylor. The Miner offense again came back on their first possession to score with none other than George Stock connecting on a 45 yard field goal, widening the Miner lead 16-0. Closing out the scoring in the second half, senior fullback Mike Schafer powered 3 yards up the middle finding the endzone. Junior Keenan Curry then took a pitchout to score two points on the P.A.T.

The fourth quarter began with the Miners ahead 24-0 and the game pretty much in their hands.

Stock kicked his final field goal of the afternoon 51 yards through the uprights. George Stock now ties Mike Wood from SEMS with four field goals in one game. Mike Wood set his record back in 1976 against UMR. Lincoln finally got on the scoreboard with 5:57 left in the game as John Moore launched a 50 yard field goal. Time ran out and the scoreboard read 27-3. The victorious Miners now are 2-2 in MIAA conference play while the Tigers remain 0-3.

Mike Schafer continues to run the pigskin well as he collected 100 yards for a productive afternoon. He is near the top of the MIAA rushing chart with a total of 644 yards, 80.5 yards a game. The defense looked strong giving up only 196 yards while the offense complimented them gaining a total 299 yards. The offensive line had their timing down as Jeff Hager and Jerry Hirlinger opened up holes all afternoon for the backs to dance through. Glen Wilhelm led the team in tackles (8) leading the defense. Once again Todd Anstine put forth a superb effort when he was called upon. Dan Goldner and his two sacks, clogged up the mid-



Lincoln ball carriers were stopped consistently by the Miner defensive line in Saturday's Homecoming game.

dle giving Lincoln a frustrating afternoon. Randy Caruthers and Bob Oorham also had two sacks. George Stock, Tim Knollmeyer, and Darrin Talley contributed sacks also. The Miner defense got to the Lincoln quarterback nine times. The bright spot for the Blue Tigers was Valian Carey who had 18 tackles. He now leads the

MIAA in tackles with 125.

Next weekend the Miners square off against Evangel at home. The Crusaders have a veteran quarterback in Arlin Stacy. They rely heavily on their All-American running back, Tony Dollinger. Bring your parents and cheer the Miners on with their new winning streak!



Flag football competition was completed this week as Sigma Phi Epsilon defeated Sigma Nu in Division I.

GDI and Sig Ep take first

by Mike Himmelberg

Sigma Nu was denied two intramural football championships last Tuesday night.

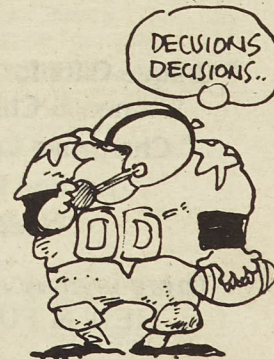
In the first game the White Stars of Sigma Nu contested the always tough GDI team in the women's final. The game proved to be a defensive battle with neither team moving the ball with any consistency. The White Stars had the ball several times within GDI's twenty yard line but were stopped short by a surging defense. The only scoring in the 6-0 final came on GDI's forty yard punt return. Despite the missed extra point, GDI held on to win the championship.

The men's final matched Sigma Nu against Sigma Phi Epsilon. The game consisted of an array of big plays and questionable calls by the referees. Although the final score of 38-15 with Sigma Phi Epsilon over Sigma Nu seemed to be an overwhelming romp, the game was actually much more exciting.

With no time left in the first half Sigma Nu scored on a four yard catch by Larry Payne and completed a two point conversion to narrow Sig Ep's lead to 17-15.

But, Sig Nu's offense struggled in the beginning of the second half while Sig Ep moved the ball with precise passing to take a 24-15 lead.

Sig Nu tried desperately to make up the difference but were shut down by Sig Ep's swarming defense. Sig Ep scored again on quarterback Mike Steagall's second touchdown run. Then late in the second half Sig Ep's Mike Spencer made a spectacular interception and ran 55 yards to produce the final score of 38-15, and gave Sig Ep its second intramural football championship in a row.



Parkview Missionary Baptist Church Hwy 63 South & Basswood Drive

Roland Ratliff, pastor of First Baptist Church of Bourbon, Missouri, will be with us for a series of Revival meetings, November 1, 2 and 3. Starting time is 7:30 PM. He will also be speaking at the regular service Sunday at 10:45 AM. UMR students are especially invited to attend.

Dean Hawley, Pastor
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Soccer

Women's final game tonight

by Tracy Boland

This season has been up and down for the Lady Miners, who presently have a 9-8 record, and this past week was no exception. They dropped one game to SIU-Edwardsville last Tuesday by a 3-0 score, and then redeemed themselves beating Maryville 2-0 on Sunday.

As always, the bad news first: against the Cougars, UMR played poorly. It took a fiery half-time talk (?) by head coach Paul McNally to put a spark back into the women's playing, but once they got motivated, the difference was plain to see. The second half of the match was played with so much more energy and enthusiasm than the first that it was hard to believe the same team was responsible for both halves.

The women surpassed the .500 mark by defeating Maryville College with a 2-0 shutout. Goalies responsible for that were Lisa Frumhoff, Mary Beth Morris and Tracy Boland.

After a frustrating, scoreless first half for the Lady Miners, during which time they migrated down to the Maryville end of the field to play, Eve Watkins finally broke down the Saints' defense a scant 10 minutes into the second half. A corner kick by Angie McEntire lofted the ball into the Maryville goal mouth, where Watkins got a head on it, sending the ball into the net. A Maryville defender managed to head the ball out of the goal, but referees ruled she was behind the end line when she did so.

After quite a few shots on the Saints' goal, with less than five minutes in the game remaining, senior Chris Waeckerle was brutally taken down in the Maryville area. One beautifully executed penalty shot later, the Maryville goalie was down on the ground, the ball was in the net, and Waeckerle was receiving congratulations from the rest of her teammates.

Your last chance to see the Lady see Soccer page 20



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Tennis draws to close

by Ty Van Buren

Tennis is finally winding down for the men and womens divisions. VSA and Tech Engine Club are battling over for first place in men's singles division. Mike Ferris and Mike Davis of Lambda Chi Alpha took first place in the doubles bracket. Bill Hayes and Craig Beard of Pi Kappa Alpha got second. In the womens division Traci Soehkle (ind) and Maria Williams (RHA) are neck and neck for the singles championship. Sarah Reeves and Tanya Portnoy of Chi Omega are still in the doubles finals with Jeannie Lee and Sarah Mathews of Zeta Tau Alpha.

Once again, thanks to Brunos, Mr. Tease, 209 Tavern, Colonial Lanes and the Intramural Board which made possible TV7 to tele-

vise the championship flag football games. Sigma Phi epsilon defeated Sigma Nu 38-15 to regain their first place title. In the womens division, the undefeated GDI's remained undefeated with their glorious victory over Sigma Nu's Little Sisters, the Whitestars.

Congratulations goes to Sigma Phi Epsilon for being team of the week. Sigma Phi Epsilon's flag football team dominated this year's competition. Athlete of the Week went to Craig Scott of Air Force who did outstanding, placing first, in the cross country competition. In the womens division, congratulations to GDI for being team of the week for taking first in flag football and Elizabeth Haning quarterback for RHA for being Athlete of the Week.

Notes: Next intramural manag-

ers meeting will be Nov. 7 at which time entries are due for table tennis.

Mid Semester Top 10 or 15

1.	Pi Kappa Alpha	454
2.	Sigma Phi Epsilon	436.5
3.	Tau Kappa Epsilon	422
4.	Phi Kappa Theta	418
5.	Sigma Nu	412
6.	Campus Club	406
7.	Triangle	402.5
8.	Sigma Tau Gamma	391
8.	Kappa Sigma	391
9.	Lambda Chi Alpha	380.5
10.	Sigma Pi	360
11.	Beta Sigma Psi	358
12.	Sigma Chi	338
13.	Delta Sigma	265
14.	Kappa Alpha	263.5
15.	Air Force	238.5

(Flag football scores not included.)

Miners look to championships

by Anne Werner

The UMR Waterpolo team traveled to Indianapolis, Indiana last weekend for the Indoor National Waterpolo tournament. The Miners were up against some of the toughest teams in the country. Their first game was against the Chicago Apostles. The Apostles, which consists of members from some of the top University teams, proved to be too much for the Miners, beating them 17-3. The Miners then played against the New York Athletic Club, who played as impressively as their

name implies. They defeated UMR with a score of 21-3. These two losses placed the Miners down in the bottom round of competition.

The best game for the Miners, was against Bucknell. The final score on this game was 4-8 in favor of Bucknell. The last game UMR played was with a team from the University of Michigan in Ann Arbor. The Miners were defeated once more in this game with a score of 5-12.

Team members who scored points for the Miners include Derek Coon, Doug Imrie, Paul

Perich, Mark Wuttig and Sean Underwood.

Coach Bob Pease commented that UMR was a bit "outclassed" in the first two games against the Apostles and the New York Athletic Club, if not in the entire tournament. Supposedly the tournament was one of the best in the past 20 years.

The waterpolo team has this weekend off, but the NCAA Midwestern Championships in Indianapolis, Indiana take place on November 10-11th.

Soccer

Men stretch record to 9-4-4

by Mark Buckner

The UMR men's soccer team had only three games left to play during the regular season. Two of the three games were played last week.

On Thursday, the Miners traveled to Memphis, Tenn., to play against the Memphis State Tigers in a non-conference game. The Miners won the game against the Tigers, 3-2.

Senior Jeff Smith scored two goals for the Miners and also got an assist on the other Miner goal.

With the victory, the Miners improved their consecutive games streak without a loss to five games. Their record over the last five games was 3-0-2.

Last Saturday, the Miners stretched their consecutive games streak to six against the SEMO Indians. The game against Southeast was one of the Miners' most important games of the year. The Miners won, 1-0 in a defensively played game.

Smith, the star of the game against Memphis State, proved

also to be the hero against SEMO. Smith scored on a penalty kick while goalie Doug Trail shut out the Indians.

The soccer team now has a record of 9-4-4 with only one game left to play in the season. The final game may be the most important game of the entire season. The Miners play at Northeast on Saturday morning at 11 am. The game may very well determine whether the Miners will get a post-season bid or not.

Cross Country

Lady Miners take fifth

by Anne Werner

Last weekend, October 26-27, the UMR women's cross country team traveled to Kirksville, Missouri for the MIAA Cross Country Championships. The Miners placed fifth overall with a score of 108 points. Southeast Missouri took first place with 28 points, followed by Central Missouri with 61, Northwest Missouri with 69 points and Northeast Missouri with 84 points. The Lincoln University team placed 6th in the meet with a point total of 161.

The unfavorable weather and soggy course tested the strength and endurance of the cross country runners Saturday morning. The course was completely saturated Friday evening when the UMR

team went out for a practice run. Rain fell Saturday morning making running conditions even more difficult.

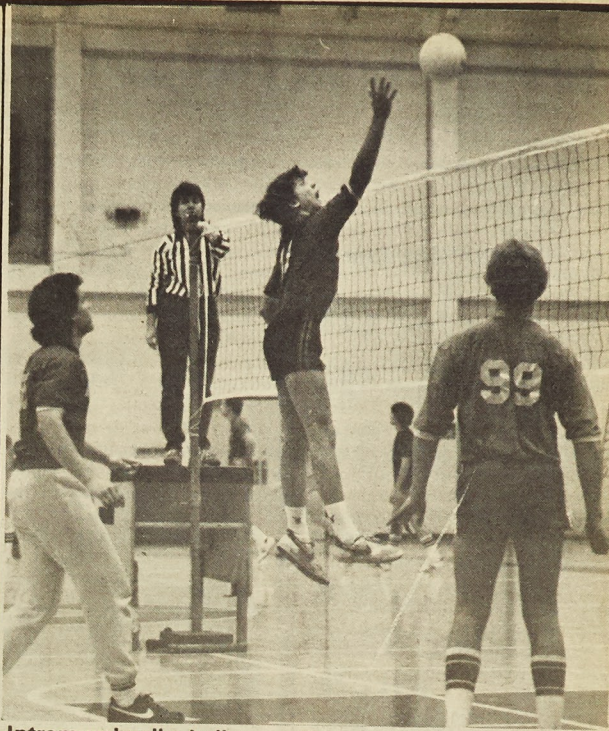
The women's 5-km (3.1 mile) race began at 11:15 am, shortly after the men's cross country race was over. Within a few minutes all of the runners were drenched and covered with various layers of mud and grass. Several runners found staying upright a real challenge, let alone finishing the race.

Despite the conditions, Miner runner Amy Volmert placed tenth in the race with a time of 20:41.8. Julie Board was the next finisher for UMR, placing 12th with a 20:47.40. Elizabeth Haning came in 25th for the Miners in 22:19.8 minutes. Amy Noel placed 30th

with a 24:33.4, closely followed by Laura Ford in the 31st place spot with a 24:40.9. Samantha Moss rounded out the Miner team in 36th place with a 26:29.2.

The first-place finisher in the women's race was Darla Curp from Central Missouri with a time of 18:36.0. She was followed by second-place finisher Margaret Hertenstein with a 18:43.7 and third place finisher Christine Rid-enour with a 18:56.5 both from Southeast Missouri.

This Saturday, November 3, the Miners will participate in their final meet of the season at SIU-Edwardsville. This meet is the NCAA Regional Championship and the Miners are looking forward to the competition.



Intramural volleyball competition began last week.

UMR Bowling Team Rolls Up Ten Wins

The UMR Bowling Team started its season in the Intercollegiate Bowling Conference during the weekend of October 20 and 21. Bowling on the men's team were Mark Bankovich, Jeff Brown, Chris Davison, Rick Eklund, Mike Frazier, and Steve Pellikaan. The women's team consisted of Lori Clark, Teri Oster, Sue Penfold, Mindy Snodgrass, and Joan Swanson.

an impressive record of 5 wins and 1 loss and the women held their own with a 3-3 record. On Sunday, October 21, UMR hosted the conference at the Colonial Lanes in Rolla. The men went 5-1 for the day while the women took 4 out of 6.

In addition to UMR, other teams participating in the Intercollegiate Bowling Conference are Fló Valley, Meramec, Granite City, UMSL (women's team), SIU (men's team), SEMO, University of Southern Illinois at Edwardsville, and University of Southern Illinois at Carbondale.

On Saturday, October 20, both UMR teams travelled to the University of Southern Illinois at Edwardsville. There the men had

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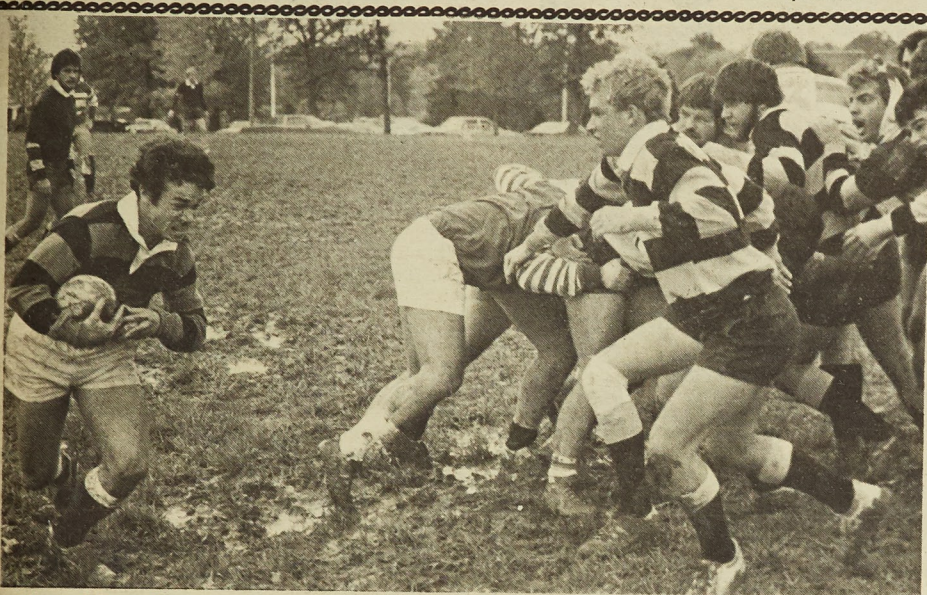
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Alumni Tom Benney drives through pack in Saturday's alumni rugby game

Men run for fourth

by Dan Lichtenwalner

Last Saturday was the date of the Cross Country Conference meet. The setting was familiar: a tough field of runners, wind, and rain. In circumstances like these, anything can happen, which adds to the excitement of the race. SEMO, ranked first in the nation in division II, was obviously the heavy favorite. They easily won the race, scoring a mere 20 points. (Low score wins.) Mike Vanatta from SEMO was the individual winner, running the muddy five miles in 25:16.9. Northwest Mo., ranked 17th in the nation, placed second as a team, scoring 65

points. Third was NEMO, with 73 points. UMR was hoping to beat Northeast, but couldn't quite pull it off, and placed fourth with 95 points. Following the Miners were CMSU, 106 points; and Lincoln U., 190 points.

The Miners were happy with their finish, as the MIAA ranks as one of the top division II conferences. Jim Bullard led the Miners at conference for the second year in a row, placing 13th in a time of 27:03. Next was John Borthwick, 18th in 27:25. Dan Lichtenwalner was close behind, finishing 20th in a time of 27:27. Keith Smith and Jeff Balmer were also close

together, finishing 21st (27:34) and 23rd (27:37), respectively. Being so close together during the race, the Miners were able to encourage each other during the race, which helps a great deal.

The Miners are really excited about the Regional meet November 3 at Edwardsville, Ill. The Miners have a good chance at breaking the top five at Regionals. If they can beat NEMO, they may be able to place third, qualifying for the National meet. This is the best team the Miners have had in the last four years, and at Regionals they have one more chance to prove that this is indeed true.

Curtis Mathes

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Swimming

Miners Show Promise

by Jim Harter

While most students are struggling at 6:30 in the morning to reach their alarm clock, a few individuals have already begun a 2 mile trek with a goal in mind. Their goal is a lot bigger than making it out of bed and their sacrifice is often unnoticed. These different kind of students attend those early morning 7:30 and 8:30 classes with their hair slicked back and full of energy while the average student is trying to keep his eyes open. These devoted individuals represent a very successful Miner swim team. The squad practices in the morning from 6:30 to 7:30 swimming 2 miles. While in the afternoon from 4:00 to 6:00 they swim 4 miles. On the weekdays. The University of Mo.-Rolla consistently displays one of the top swimming and diving programs in NCAA Division II. The goal for this year's UMR swim team is to place in the top five at nationals.

Last year's team looked quite impressive at the start but then burned out as they seemed to sputter at nationals in Long Island, New York last year. The Miners look to further improve on their #9 national ranking of last year. Bob Pease, entering his 16th season as head coach of the Miners, will have 8 All-Americans returning from last year's record squad of 10 All-Americans. This year's record book is rewritten with 11 new records. The Miner swim team is young, losing only two All-Americans while having only one senior, David "Bones" Rose. To improve at the national level and raise their ranking, the key to their success will be the depth of their squad at nationals.

Junior All-American Scott Carney from Rochester, Ill. and junior All-American Paul Pericich from Mehlville, Mo. will be serving as captains of this exciting 1984-85 Miner swim team.

Scott is the squad's number one butterfly, who also swam in the record setting 400 yard medley relay.

Paul is the squad's number one backstroke. He is majoring in Ceramic Engineering and is one of the toughest workers on the team.

Sophomore All-American Martin Rodseth is UMR's top swimmer in the freestyle events. Martin's name appears in six new record setting events. Martin who majors in petroleum engineering is from Oslo, Norway. Martin holds the 100, 200, and 500 yard free style records along with the 400 yard freestyle relay and the 800 yard freestyle relay record.

Junior All-American Derek Coon has become the Miner's top breastroker. Derek who majors in physics is from Carmel, Indiana. Derek has set new records in the 100 and 200 yard breaststroke plus the 800 yard freestyle relay.

Behind these top qualifiers, the following swimmers must swim up to their potential and place highly in nationals. Sophomore All-American Danny Matthe and junior All-American Mark Wuttig are both versatile and set new records last season. Danny set a new record in the 400 yard freestyle relay and Mark in the 800 yard relay. Sophomore All-American Mark Shlanza from Sioux Falls, South Dakota adds strength to the Miner freestyle events. Mark gets

motivated for warm weather and look for him to be a pleasant surprise at the nationals in Orlando. Junior All-American Craig Erzen rounds out a promising swim team with its expected of it. With the addition of four freshmen: Bill Brinner, Steve Goodell, Kurt Koelling, and Rick Stram, their contribution could determine the success of UMR's swim team.

The diving team has been very successful also. Junior All-American Jon Staley holds each record in the four diving events. Jon is the first diver in UMR history to score on both the 1 and 3 meter boards at nationals during

the same season.

The 1984-85 swim team opened their season last week in an intersquad meet. Although the times were average, the potential looks good. This weekend the Miners travel to Lawrence, Kansas to participate in the Big 8 Invitational. This meet will be a tough test for Miners facing Big 8 schools, but it will provide a valuable experience. Some of the other exciting meets will be against rivals Drury and SMS. With a little luck and good timing, these aquatic specialists could be spending their Spring Break in Florida competing for #1!

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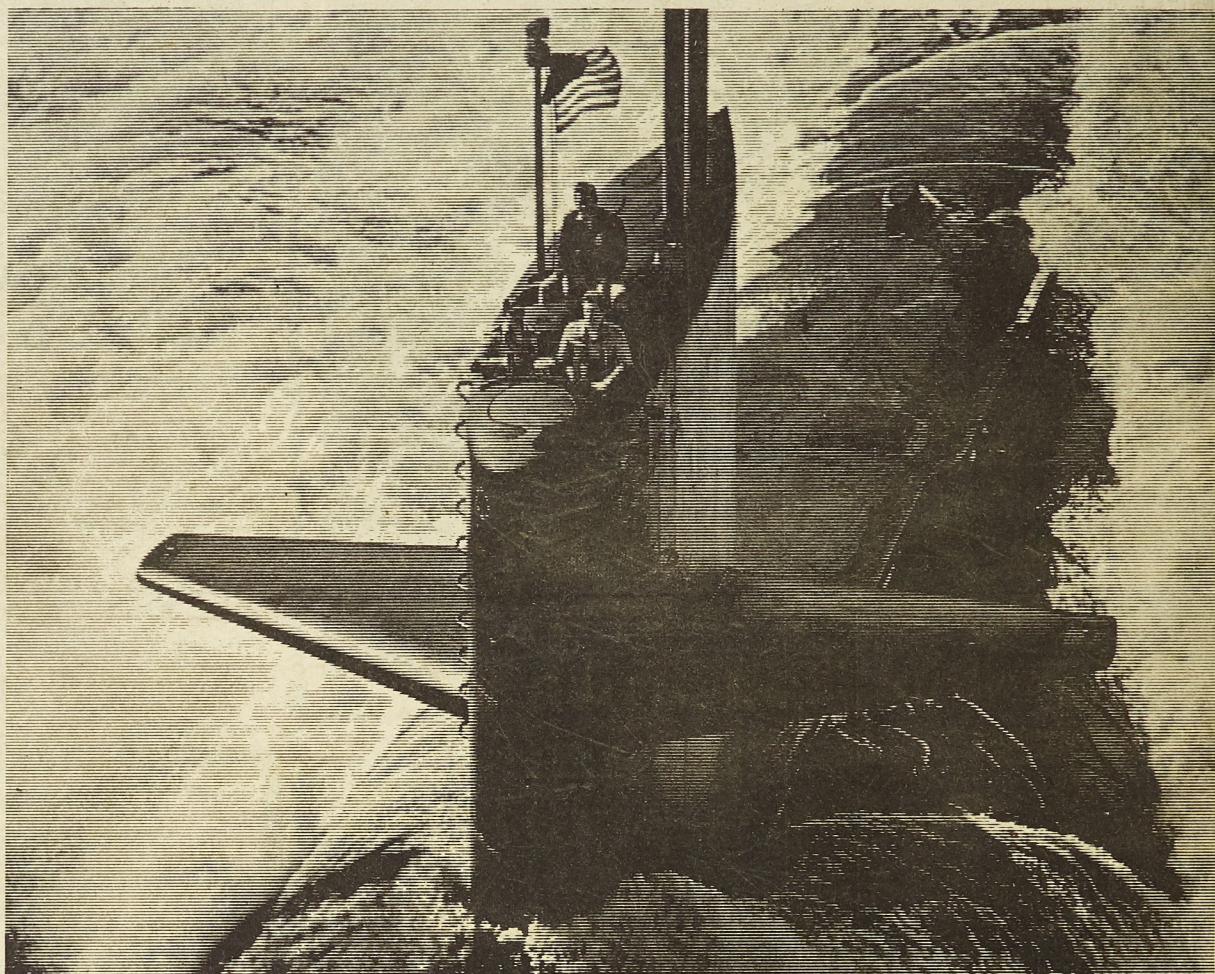
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Soccer

from page 18

Miners play in glorious living color is tonight at 7 p.m. The women will be facing Cardinal Neumann in their season finale; a home game at the UMR soccer complex. As the

result of this game determines whether the Miners have a winning season or just a plain .500 season, they need all the fan support they can get.



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