



23 Aug 1984

The Missouri Miner, August 23, 1984

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MISSOURI MINER

For the students of UMR

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Thursday, August 23, 1984

Volume 73, Number 1 Twelve Pages

Bad situation corrected

by Mark Holden

Walking between the Mining Building and the Library may have seemed like an obstacle course the past few days as jack hammers rattled and backhoes chugged, but it's merely all part of an ongoing effort to improve this campus. Relief should come by October 1.

In the past, the well-traveled area had a wheelchair ramp that was too steep, awkward steps (too far apart) in one area, and slippery marble steps surrounding the scene. Whether these problems were sufficient enough to warrant renovation will always be open to debate, but no one can argue the improved attractiveness in the new design. Overall, the improvements should overcome all past shortcomings and better meet the human traffic needs of this campus.

Ninety-five percent of the \$95,000 cost for the work is being paid for by the State Preservation and Handicapped Fund which derives from the \$600 million bond issue voted in by the state referendum.

Insight into how such projects are chosen came from Neil Smith, vice chancellor, Administrative Services. Needed projects are summarized in one large notebook and classified according to priority, estimated cost, and justification. "These are ideas for campus facilities... probably 2000 needs here," Smith said, thumbing through the enormous book. These ideas are subject to approval by the Central Administration in Columbia which is responsible for all of the University of Missouri campuses. Periodic inspections of each campus verify the claims. And all possible projects are subject to the availability of funds.



Don't trip now. UMR is improving the steps between the Mining Engineering Bldg. and the Library. Work should be finished by Oct. 1.

Magrath selected as new four-campus president

by Cameron Coursey

Dr. C. Peter Magrath was named president of the four-campus University of Missouri system by the UM Board of Curators at a special meeting held in Columbia on June 18.

Magrath, who is currently president of the University of Minnesota, will succeed President James C. Olson, who retired on July 1. UM

Vice-President for Academic Affairs Melvin D. George will serve as interim president until Magrath assumes his duties on January 1, 1985.

Olson called the appointment of Magrath "a great day for the University of Missouri," and said Magrath will "provide the leadership necessary to bring the university to new heights of excellence."

Magrath has been president of the

University of Minnesota since 1974. In announcing his plans to leave Minnesota, he said, "I believe my work here is completed. This is a good time, then, for me to accept a new challenge in a new place."

Magrath also announced that he plans to pursue three general objectives as UM president: The development of a creative planning process to build and improve selected programs and activities; improve-

ment of the financial support of the university from the private and corporate sector; and to personally tell the University of Missouri story by showing how it contributes to the state's bright future and "to work closely with our governor, our legis-

lature, and citizens," in Magrath's words.

Where UMR fits into these objectives is yet to be seen, but all indications point to continued prosperity in the University of Missouri system.

UMR's Stonehenge dedicated

by Cameron Coursey

The University of Missouri-Rolla's half-scale replica of Stonehenge was dedicated on June 20 in a ceremony open to the public.

Taking part in the ceremony was John Bevan, head of Public Services and assistant keeper of the Welsh Folk Museum, Cardiff, Wales, and bard (Celtic poet) of the National Eisteddfod of Wales. Bevan, who is known as a lecturer on all aspects of Welsh culture, spoke in both Welsh and English on the subject of Druidic lore at the dedication.

Also taking part in the ceremony was Dr. John B. Carlson, director of the University of Maryland Center of Archaeoastronomy, Dr. Joseph Senne, UMR civil engineering chairman and astronomer, Dr. David Summers, UMR Curators' Professor of Mining Engineering and director of the High Pressure Waterjet Laboratory, and UMR Chancellor Joseph Joseph M. Marchello.

According to Senne, UMR's replica of Stonehenge incorporates many of the features of the original and includes two capabilities that the original did not possess. Summers added that "about 160 tons of granite were used in this monument. The rock was cut to the proper dimensions by UMR's

waterjet equipment."

It was made clear by Senne and Summers that UMR's Stonehenge was a part-time project with funds and materials donated specifically for the project from the private sector. All UMR personnel involved with the project since the construction began in October 1983 worked only as their schedules permitted.

UMR's Stonehenge is located at the northwest edge of the campus near 14th Street and Bishop Avenue. A Druid crossing runs through the middle of the structure.

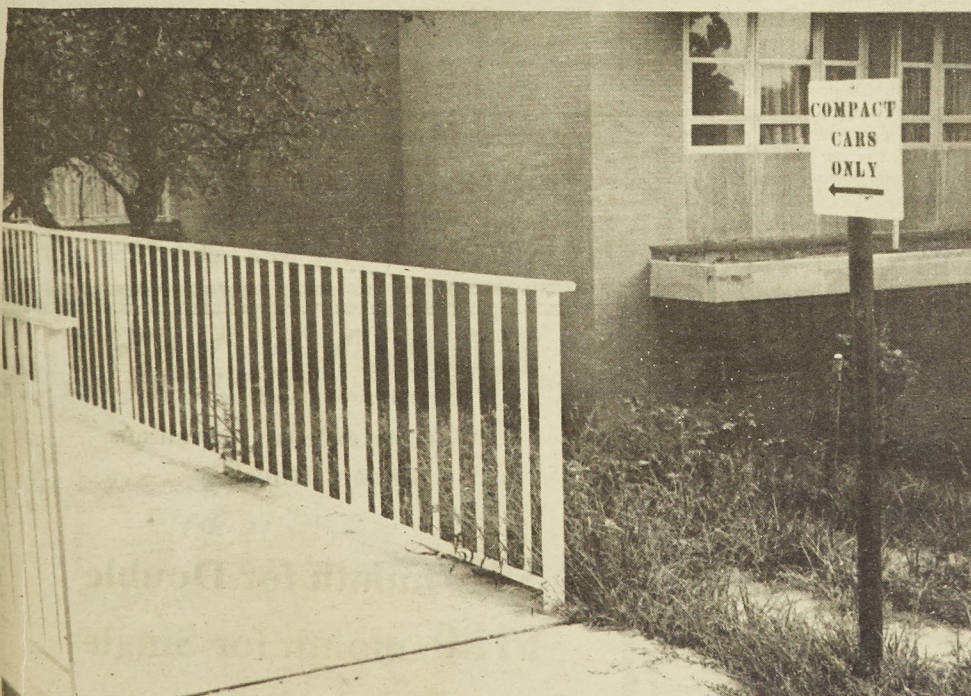
Come in!

Chancellor has open house

Rolla, Mo. —All University of Missouri-Rolla students are cordially invited to come to the home of Chancellor and Mrs. Joseph M. Marchello, 506 W. 11th St., between 3 and 6 p.m. Sunday, August 26, for an open house.

Students are invited to stop by at their convenience during those hours and visit informally with other UMR students and the chancellor and his wife. Light refreshments will be served. Dress is casual.

The open house will be a good way to make new friends and renew old acquaintances.



"Compact Cars Only." The sign is for the parking next to the new handicapped ramp for the Physics Bldg. It points into the ramp itself. Oh well, maybe a Le Car will fit.

College room decorations may forecast dropping out

Source: National On-Campus Report

College drop-outs forecast their departure in the way they decorate their dorm rooms, according to Barbara Brown, an assistant professor of psychology at Texas Christian U. First-year students who do not quickly begin to incorporate their new environment into their room decor aren't likely to stick around very long.

Brown has conducted two studies

in which she examined photographs of student's dorm rooms as predictors of college performance. Both show that students who were too tied to their hometowns tended to drop out. The rooms of female drop-outs contained lots of old prom corsages and pictures of high school friends. Male drop-outs' rooms showed similar signs of homesickness, usually centered on a sports theme. Statistically, drop-outs' rooms contained an average of 17.8 home-

town momentos versus 7.8 for those who stayed in college.

Rooms that expressed a single interest to the exclusion of all others—ballet, hockey, etc.—also predicted drop-outs consistently.

Signs of adjustment and success in college life include evidence of new interests along with the old. Book-store calendars, the college's football schedule, or a pennant all predict a non-drop-out.

For a more sophisticated study of the same topic, Brown interviewed freshmen before they entered college and three times during their first year. Their rooms were also photographed and their resident advisers were asked to predict whether the students would stay. Brown hasn't finished analyzing the data yet, but she says that, ironically, RA's can spot homesick students because they are often the "social initiators," the ones who try very hard to make a lot of friends.

Brown says the territorial displays found in the way rooms are decorated are related to questions of privacy regulation. Students who stay in school turn out to be those who are good not only in opening up to contact with others, but also at closing it off when they need to.

School paper starts year

by Cameron Coursey

The **Miner** is the University of Missouri-Rolla's student newspaper, run by the students for the students. Throughout the year, the **Miner** will be informing you of major campus events, from Student Union Board-sponsored movies to finals schedules.

It is the job of the **Miner's** editorial staff to decide which stories should be reported and how these stories should be written.

The editors of the **Miner** for the 1984-85 academic year are: editor-in-chief Patrick Van Ryckeghem, advertising editor Carol Suit, business manager Dawn Nash, managing editor Lawrence Tipton, news editor Paul McLaughlin, features editor Kevin Thornberry, sports editor Brett Giddens and photo editor Karen Olsen.

All editors and writers receive a salary from the **Miner**. Anyone interested in writing for the UMR newspaper should contact the editors or stop by the offices of the **Miner** on the third floor of the Rolla Building.

Registrar Says: The last day to add a class or to register is **Friday, August 31.**

Watch this space for more reminders.

Several 1 bdrm and a deluxe 2 bdrm apt available for rent. John Keller 364-6886 evenings.

UMR Film Series set for semester

Source: OPI

Rolla, Mo. —The University of Missouri-Rolla Film Series for the 1984 fall semester will feature 15 films and a personal appearance by a director. The series will run from Aug. 30 to Dec. 6.

The films will be shown at 7:30 p.m. Thursdays in Miles Auditorium, Mechanical Engineering Building, on the UMR campus.

Admission to the films is by season ticket, which can be purchased for \$12, or by individual ticket, which can be purchased at the door for \$3.

Films to be shown are: *The Grey Fox* (Aug. 30), *Rear Window* (Sept. 6), *The Draughtsman's Contract* (Sept. 13), *The Dresser* (Sept. 20), *DIVA* (Sept. 27), *Treasure of Sierra*

Madre (Oct. 4), *The Year of Living Dangerously* (Oct. 11), *Apocalypse Now* (Oct. 18), *King of Hearts* (Oct. 25), *Clockwork Orange* (Nov. 1), *Tender Mercies* and *Jimmie Rodgers* with an appearance by director Nolan Porterfield (Nov. 8), *Red River* (Nov. 15), *The Last Waltz* (Nov. 29) and *Richard Pryor Live on Sunset Strip* (Dec. 6).

Program director is Dr. James Bogan, UMR associate professor of art. The film series is a UMR Arts and Sciences Continuing Education activity and is supported in part by the Missouri Arts Council.

For further information or to reserve a season ticket contact: Arts and Sciences Continuing Education, G-6 Humanities-Social Sciences Building, UMR, phone 341-4131.

The Missouri Miner needs a few good people:

The **Miner** is taking applications for the following positions:

Asst. Business Manager. Apply to Dawn Nash: 364-6822 or 364-8989.

WRITERS

Sports writers, features writers, news writers — particularly the *investigative* journalist type. And cartoonists!

For all but Asst. Bus. Mgr., apply in person Sunday night, 8 p.m., 3rd Floor of the Rolla Building (go up the stairs on the east side).

\$\$\$ It pays, too. \$\$\$

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
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Advertising Director.....	Carol Suit.....	364-8989
	Helen Heumann (Asst.)	
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	Ed Nobus, Jim DuBose (proofreader)	

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

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UMR music groups seeking student musicians

Band

Source: OPI

Rolla, Mo. —Several University of Missouri-Rolla music groups are seeking UMR student musicians for the 1984 fall semester.

According to Dr. David Oakley, chairman of the UMR department of applied arts and cultural studies and director of the UMR band program, openings include: university band—three auxiliary personnel (flag and/or rifle experience) and one clarinet; for jazz ensembles—three trumpets, three trombones and one keyboard; wind ensemble—two trumpets, two horns and one clarinet; and pipers—two classes of six bagpipers for freshmen and sophomores will be offered this fall.

The University of Missouri-Rolla pep band has scheduled open auditions for UMR students at 6 p.m. Monday, Sept. 10. The pep band performs at UMR athletic events.

According to Oakley, positions to be selected for the pep band include: three trumpets and one alternate, four woodwinds and one alternate, one bass, one horn, one keyboard, and two percussions and one alternate.

For more information contact Oakley, G-2 Humanities-Social Sciences Building, UMR, phone 341-4110. Students also may sign up for auditions on the bulletin board near G-10 Harris Hall.

Vocalists

Source: OPI

Rolla, Mo. —The University of Missouri-Rolla is seeking vocalists and instrumentalists from the student body and the Rolla area community to participate in the performance of the complete "Messiah" by G. F. Handel during the 1984-85 academic year.

The University Choir and Orchestra will present the Christmas portions of the classic "Messiah" during UMR's fall semester and the Easter portions during the spring semester. "Especially needed are strings and oboe players," said Joel Kramme, UMR associate professor of music, who will direct both choir and orchestra.

For further information, contact Kramme at G-8 Harris Hall, UMR, Rolla, Mo. or phone 341-4185 or register for Music 40 (Choir) or Music 32 (Orchestra).

UMR to offer private pilot ground school short course

Source: OPI

Rolla, Mo. —The University of Missouri-Rolla will offer a course for those persons wanting to

prepare for the Federal Aviation Administration (FAA) private pilot written examination.

Classes will be held from 6:30 p.m. to 9:30 p.m. each Tuesday from Sept. 11 to Nov. 5 in Romm 302 of the Butler-Carlton Civil Engineering Hall.

Topics to be covered include: the theory of flight, communication procedure, use of flight computer/calculator, aviation weather, visual and radio navigation and federal aviation regulations.

Instructor for the course is Dr. Robert Oetting, UMR professor of mechanical and aerospace engineering. Oetting is licensed by the FAA as a ground school instructor with advanced rating and has been designated by the FAA to administer its written examination for private, instrument and commercial pilots.

Fee for the course is \$60. The course's textbook, *Aviation Fundamentals* (including workbook, flight computer and plotter), can be purchased for \$30 on the first night of class.

Enrollment will be limited to the first 35 paid registrants. To register or for further information contact Bill Kratzer, Engineering Continuing Education, 111 Engineering Research Lab, UMR, phone 341-4200.

Graduating engr. seniors may enroll as an Engineering in Training

If you are a student graduating from an accredited engineering curriculum in December 1984 or May 1985, you are eligible to apply for enrollment as an Engineer in Training. The Fundamentals of Engineering Examination will be given on Thursday, October 25, 1984, in Jefferson City.

Applications for enrollment are available in Room 111 of the Civil Engineering Building. The application must be completed and mailed directly to the following address, along with a check for \$20.00: Missouri Board for Architects, Professional Engineers and Land Surveyors, P.O. Box 184, Jefferson City, Mo. 65102.

The deadline for applications to reach Jefferson City is September 10, 1984. Transcripts of grades need not be sent until after graduation. Review sessions will not be held on the UMR campus as in the spring.

Applicants will be notified as to the time and location of the test by the Board after acceptance of the application.

NEWS BRIEFS

TKE wins top chapter award for fourth time

The UMR Beta-Eta chapter of Tau Kappa Epsilon Fraternity received the highest honor awarded by the TKE International Fraternity for the 1983-84 academic year. This honor is suitably referred to as the Top TKE chapter award.

Only ten out of 300 active undergraduate chapters are presented with this yearly award.

This is the fourth time the Beta-Eta chapter has received the Top TKE chapter award, which requires superior performance and achievement in membership recruitment, chapter management, scholarship, public relations, alumni relations, and associate member programming.

Scholarship search group offers one of its own

Washington, D.C. —The Scholarship Research Institute of Washington, D.C., an organization specializing in aiding students and their parents in their efforts to locate funds for college, is itself offering three \$1000 scholarships. This represents their second annual offering and applicants must be full-time undergraduate students with a G.P.A. of 2.0 or above.

For application and information, students should write to: Scholar-

ship Research Institute, P.O. Box 50157, Washington, D.C. 20004.

The deadline for applications is December 10, 1984. Awardees will be notified by January 15, 1985.

Recipients will be selected based upon their academic performance, leadership abilities, college and community activities.

UMR student receives engineering writing award

Source: OPI

Rolla, Mo. —Gillian M. Worsley, a University of Missouri-Rolla graduate student in civil engineer-

ing, recently received a second place with honorable mention award for her paper "Predicting Urban Accident Rates from Road and Traffic Characteristics" in the 1984 Institute of Transportation Engineers (ITE) international student paper competition.

Worsley received a certificate, and her paper will be published in the "ITE Journal."

Worsley previously had won first place in the Missouri Valley ITE Section competition and first place in the District 4 competition to advance to the international level.

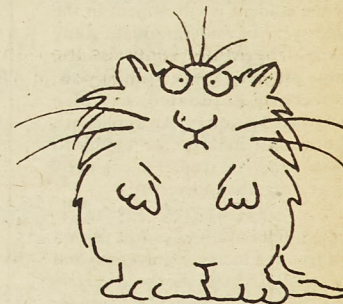
"This is the second year that a UMR student has won first place in the section and district as well as second place in international competition in the ITE student paper competition," said Dr. Charles E. Dare, UMR associate professor of civil engineering.

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Mining students take fifth in competition

Source: OPI

Rolla, Mo. —A team of six mining engineering students from the University of Missouri-Rolla finished fifth in the sixth annual Intercollegiate Mining Competition recently in Reno, Nev.

Members of the UMR-Rolla team are: Brian Bleakney, junior, Ellwood City, Pa.; Darryl Colvin, junior, Liverpool, N.Y.; Bob Great-house, junior, Hurst, Ill.; Andy Jeffers, junior, Washington, Ill.; Aaron Miller, junior, Ellsinore, Mo.; and Bernard Reynolds, senior, W. Frankfort, Ill. Troy Harris, supervisor of UMR's experimental mine, served as the team's coach.

The UMR team, which was sponsored by the campus' student chap-

ter of the Society of Mining Engineers of the American Institute of Mining, Metallurgical and Petroleum Engineers competed against 14 other teams representing universities in the United States and Canada that have mining engineering programs.

The competition featured contests that tested the participants' proficiency in such traditional mining skills as hand steeling of blast holes with a steel bit and a four-pound hammer, machine drilling of blast holes with a jackleg drill, bow sawing of mine timbers, laying a section of rail spiked to ties and hand mucking or shoveling rock into a mine car.

Depending on the event, the teams were judged on the basis of

how quickly they completed various operations or how much progress they were able to make within a given time.

"Our students worked long and hard preparing for the competition," said Dr. Charles Beasley, chairman of the UMR mining engineering department, "and all of the team members recorded their best individual scores at the nationals."

"It was a tremendous experience for the students and one I'm sure they will remember for a long time," he added. "We're very proud of them."

The winning team in the national competition receives a trophy and hosts the following year's competition. Next year's meet will be held in Butte, Mont.



GEM offers scholarships

The National Consortium for Graduate Degrees for Minorities in Engineering, Inc. (GEM) is now accepting applications for its Graduate Fellowship Program which will provide 150 awards to minority students in engineering.

The Consortium, organized in 1976, is a joint venture of 48 engineering colleges and 46 industrial/-governmental laboratories that have joined together to provide opportunities for minority students to pursue master's degrees in engineering.

Candidates for participation in this program will be selected from the following American citizens: American Indian, Black American, Mexican American, and Puerto Rican. At the time of application, the minimum academic requirement for the student is enrollment in the junior year of undergraduate study in one of the engineering disciplines. Those presently in their senior year, or recently graduated, are also encouraged to apply. An applicant's record must indicate the ability to pursue graduate studies in engineering at a member university.

Each fellowship pays full tuition and fees at a member university and a stipend of \$5,000 for the academic year, as well as provides summer employment at a member-research laboratory. The deadline for application material for consideration for the 1985-86 fellowship year is December 1, 1984. For further information, contact:

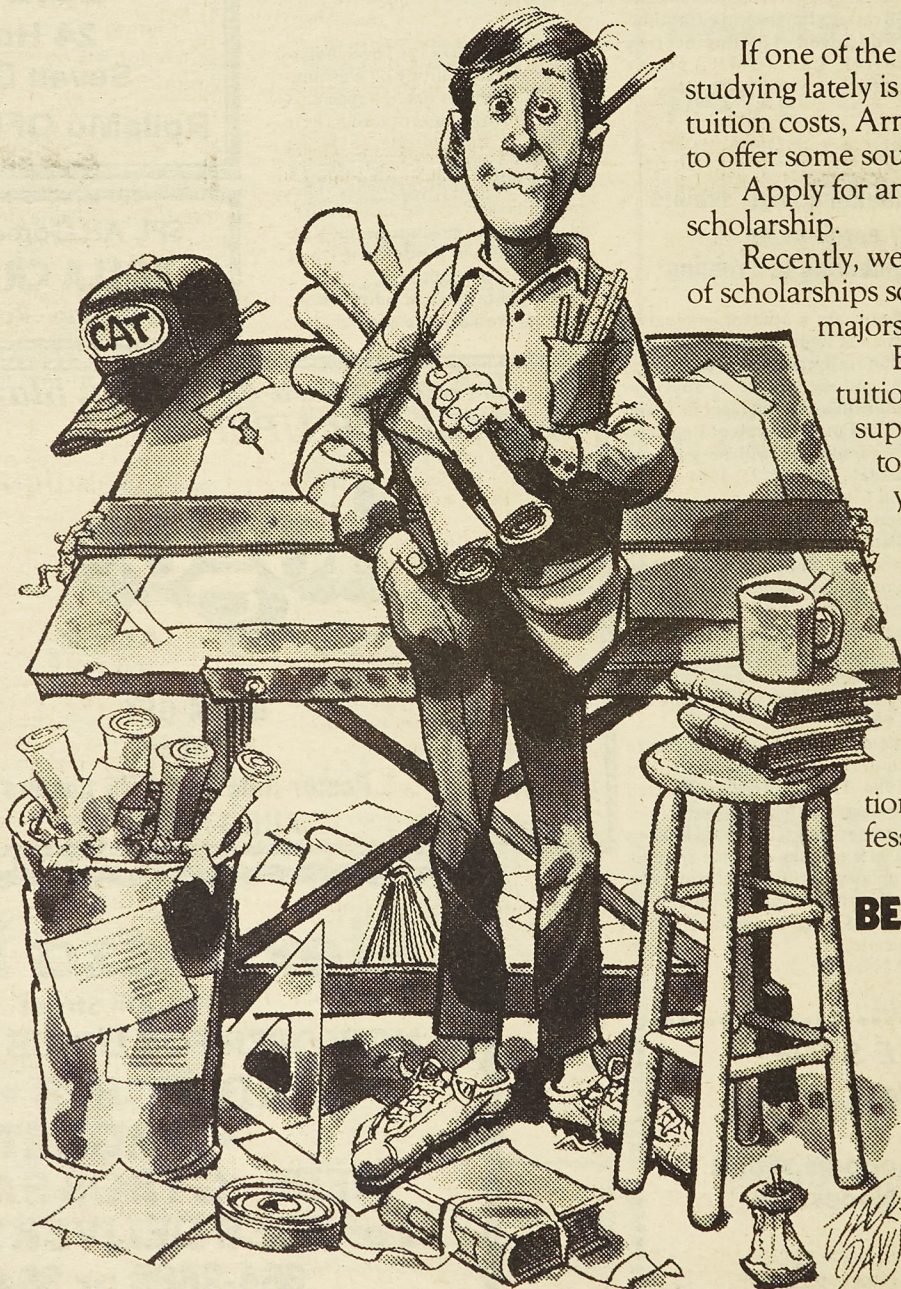
Graduate Engineering for Minorities
P.O. Box 537
Notre Dame, Indiana 46556

Texans fight University fee increase

Source: National On-Campus Report

Education proponents in the Texas State House fought off a surprise effort to raise tuition for U. of Texas students by \$3 per credit hour. The measure was introduced when students and their lobbyists were away from Austin. It was defeated in favor of a bill to raise tuition only for out-of-state and foreign students.

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For more information, contact your Professor of Military Science.

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Features

SUBstantial Weekend starts today

by John Schlitt

The Student Union Board will be holding its first annual Substantial Weekend August 23 to 25. Thursday, August 23, is Western Day which includes a Western-style barbecue, a cow-chip throwing contest, a tobacco-spitting contest, hayrides, costume judging, and live entertainment by "Riders in the Sky."

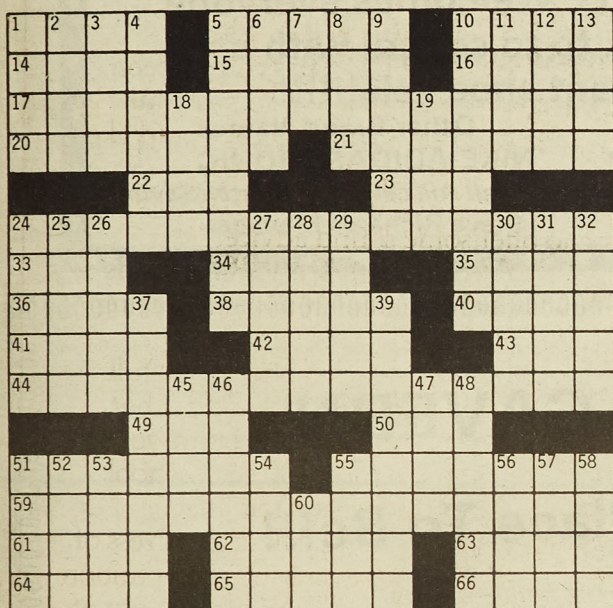
The barbecue will be at the University Center-West patio from 11:00 a.m. to 1:00 p.m., followed by the cow-chip-throwing contest and tobacco-spitting contest on the hockey puck at 5:00 p.m. The evening entertainment includes hayrides every half hour, "Riders in the Sky"

at 7:30 p.m. and costume-judging beginning at 8:30 p.m., both on the hockey puck.

Thursday's activities are just the beginning of this eventful weekend, for Friday and Saturday are loaded with outstanding activities. "The Great Race" kicks off Friday's activities on the hockey puck at 12:00 p.m. Other activities for the day include a croquet tourney near the hockey puck at 1:00 p.m. and free game room play in the University Center-East from 1:00 to 4:00 p.m. At 3:00 p.m. SUB will have a free watermelon feed and entertainment by the "KMNR Road Show" on the hockey puck. Driving range competition begins at 5:00 p.m. at the UMR golf course. At 8:00 p.m. SUB

will have its Video Dance on the hockey puck. There will also be guided night float trips and cave tours on the Current River. Transportation will be provided. Times will be announced.

The final day of activities begins with a five-kilometer fun run on campus at 9:00 a.m. From 10:00 a.m. to 2:00 p.m., SUB provides free floating on the Little Piney. Transportation will be provided from campus. There will be a campus picnic in the center of campus all day. Frisbee golf and volleyball begin at 10:00 a.m. A cash barbecue will take place at 4:30 p.m. SUB provides live entertainment at 5:00 p.m. be "Deliverance." Comedian Tim Settim will have his comedy act in Centennial Hall at 8:00 p.m. At 10:00 p.m., all-night movies and game room tournaments will begin. The tournaments will be in the University Center-East game room and the movies are in Centennial Hall. Movies shown include "Bugs Bunny-Road Runner," "Gorky Park," "Everything You Ever Wanted to Know About Sex," and "Support Your Local Sheriff." All of this is free fun and entertainment is yours for the taking so watch posters for tournament sign-ups and various activities. Have a good time and we hope to see you at the events.



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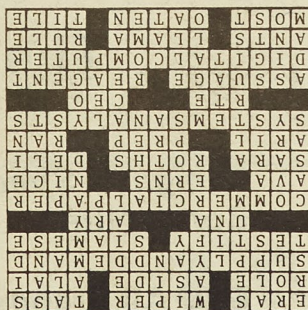
ACROSS

- 1 Paleozoic, Mesozoic, etc.
- 5 Car accessory
- 10 Soviet news agency
- 14 Function
- 15 Parenthetical comment
- 16 Jai
- 17 Principle of economics (3 wds.)
- 20 Provide evidence
- 21 With 60-Down, house pet
- 22 — volta (once, in music)
- 23 Suffix for diction or honor
- 24 Promissory note, e.g. (2 wds.)
- 33 Ms. Gardner
- 34 Sea eagles
- 35 French resort
- 36 Poet Teasdale
- 38 Novelist Philip and actress Lillian
- 40 Type of restaurant, for short
- 41 Seed covering
- 42 — school
- 43 Was a candidate
- 44 EDP personnel (2 wds.)
- 49 Map abbreviation
- 50 Company bigwig (abbr.)
- 51 Alleviate
- 55 Chemical catalyst
- 59 EDP equipment (2 wds.)
- 61 Subject of the movie, "Them"
- 62 South American animal
- 63 Home
- 64 Nearly all
- 65 Like some breakfast foods
- 66 Mah-jongg piece
- 18 The bottom
- 19 O.K. Corral participant
- 24 Houses, in Hermosillo
- 25 Reproductive organ
- 26 1961 baseball MVP
- 27 Farmer's concern
- 28 Prefix for mural
- 29 Extremely pale
- 30 Seashore structures
- 31 Brilliance of success
- 32 Bridle attachment
- 37 Unselfish person
- 39 Astronaut
- 45 "L' —, c'est moi"
- 46 Prefix for maniac
- 47 China's "Great — forward"
- 48 Cultured milk
- 51 Economist Smith
- 52 — Japanese War
- 53 Bilko and York (abbr.)
- 54 First name in jazz
- 55 Site of 1960 Olympics
- 56 Toilet case
- 57 Ms. Carter
- 58 Subject of Kilmer poem
- 60 See 21-Across

DOWN

- 1 Formerly, formerly
- 2 Debauchee
- 3 European range
- 4 Deviated
- 5 Traveler on foot
- 6 British phrase
- 7 Wrestling maneuver
- 8 Actor Byrnes, et al.
- 9 Phone again
- 10 1957 movie, "the Bachelor"
- 11 Winglike parts
- 12 — souci
- 13 Beef quantity

Answers to Crossword Puzzle



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Sunday	10:00 am	St. Patrick's Hall
Sunday	5:00 pm	St. Patrick's Church**

**indicates mass when UMR is in session during the Fall & Spring Semesters

Wednesday
M,T,T,H,F

9:00 pm, Newman Center
As scheduled in bulletin, St. Joseph Hall, Center.

NOTE: On Labor Day Weekend, 9/1 and 9/2, the Saturday 6:30 pm & Sunday 5:00 pm masses will NOT be celebrated.

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ASCE helps handicapped



Source: OPI

Rolla, Mo. — Residents of the Gingerbread House, a home for severely handicapped children in Rolla, will have a playground in their back yard this summer thanks in part to the student chapter of the American Society of Civil Engineers at the University of Missouri-Rolla.

"We felt that by building playground equipment for the children at Gingerbread House we would provide a way to help in their development as well as a recreational facility," said Steve Davies, chairman of the chapter's service project committee and a UMR senior in civil engineering.

"All of us involved with the chapter agreed that this would be a very worthwhile project and we've had a lot of fun doing it," he added.

The UMR students became involved in the project last fall. "The Gingerbread House received a donation from the St. Louis Variety Club to purchase materials for the playground equipment," said Jennifer Blank, Gingerbread House administrator, "and the UMR students volunteered to design and build the equipment for us. They've really put a lot of time and work into the project."

The equipment will include a swing set, slide, sandbox, concrete barrel and monkey bars. In addition,

the students will construct a walkway to the equipment and install two porch swings.

Some of the equipment had to be adapted to meet the specialized needs of the children at Gingerbread House. "The students visited Gingerbread House several times to learn about our children and what their needs were," said Blank. "They also studied some of our other adaptive equipment to help them in designing the playground items."

"The swing set will include a 'bolster seat' so that another person can sit behind a child and hold him or

see ASCE

page 10

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Best Suntan Contest Guys & Gals

Wednesday - Lady's Nite

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For Freshmen only :

by Rajpal Abeynayake

This goes out on behalf of the Miner for those great people who chose UMR — those susceptible, aspiring, and sometimes apprehensive breed of people called freshmen.

Welcome aboard guys, this is Thursday and it is the University of Missouri-Rolla. Make yourself at home, take it easy. There are a couple of things we would like to tell you before we take you on this guided tour of the campus.

An expert horologist from the Student Union Board will conduct the annual alarm clock demonstration at the hockey puck at noon on Friday to acquaint you with all models of alarm clocks. This is meant for those vast numbers of you

who will be using these contraptions for the first time. Be there! (Just hang on if he is late. . .)

What is the Hockey Puck? it is a squat round stationary object which is the center of this universe. You will bump into it sooner or later. Be sure to kick it hard when you do. It will serve you as good practice for the many times you will do this in the future.

And here is a warning issued by the counselling center: Do not worry about those nasty jokes about UMR made up by a few mercenary minded sophomores, juniors and seniors who are being paid by Fidel Castro and Colonel Qaddafi to undermine the university system of education in the United States. Don't let it get you down, the forces of evil are at work. Just hang in there and find out

Rajpal tells all

ple plot to make the American dream an American nightmare. But don't worry, you will make it.

Of course you already know the appropriately gray colored building

wonderful things this town has to offer gets to be a little too much for you.

Just by the venerated hockey puck is the University Center where people of this planet earth come to hang out and share a bar of snickers or two over a game of mah-jong. It is where you can cool off on a hard days night with the best table tennis team from the Peoples Republic of China. Or join in a philosophical discussion on the effects of karma on your grapefruit diet with some of the some of the greatest exponents of the mystical teachings of the far East from the land of the Great One himself. (It is also one place where you can watch TV without the fear of getting carried away, because you quit watching when the "University Center is now closing.")

Thank God for small blessings. Say hello to KMNR, the soul saver, resuscitator, call it what you will. (And they are all right, just don't care what anybody says.) The Miner. (Not all of it is as bad as this one.) Start something, reach out and touch someone—use the classifieds. Get psyched, get rejected.

And go for all the parties. Stand around in a crowd, don't stand alone. Thank your stars, cross your fingers, have a great four years. Just hang in there — see you around.

In search of a little advice?



Classifieds

Attention Potential Co-op Students:

Students who are interested in interviewing this Fall 1984 semester for co-op positions must be registered at the Co-op Office, 101 Buehler Bldg. Registration material is available at the Co-op Office. This material is due back in the Co-Op Office no later than Monday, August 31, 1984.

All students must have a resume and a transcript on file with the Co-op Office before we can sign you up for any interview, including the ones for resumes only.

Student eligibility for the co-op program is as follows:

Be maintaining at least a 2.0 overall average grade point on a 4.0 scale, not be on any type of scholastic probation, a grade C or above in all major fields of study at all times, and a record that is in all ways predictive of graduation. You must be able to get in at least 3 work sessions or 12 months of work before you graduate in order to participate. You must be a full-time student at all times while you are participating in the co-op program. This means at least 12 semester hours in the fall and spring and 6 semester hours in the summer. For failure to comply with the above, you will automatically be dropped from UMR's Cooperative Training Program.

Each time you leave the campus for your co-op job, you must come by our office and register for your work session. There is a fee of \$46.00 for each work session that must be paid in order to participate in the co-op program. There is a late fee of \$46.00 if it is not paid on time, bringing the total to \$92.00, so be sure to pay the \$46.00 before you leave the campus and go to work.

Very good quality carpet for sale at very low prices. Several colors. Call 364-3354 and ask for Kevin.

Alpha Phi Alpha is sponsoring a car wash at Kroger parking lot Saturday, Aug. 25, 9 a.m.-5 p.m.

Come to where the tradition is. Come to the annual Tech Engine Street Dance, Friday, August 24th, 8:00 p.m.-2, north of EE. Featuring Trick Shot.

Attention!

Anyone interested in being a photographer for the Rollamo Yearbook: The first meeting for photographers will be at 6:30 p.m. on Sunday, August 26, in the Rollamo Darkroom, located in the basement of the Rolla Bldg. Also, anyone interested in writing or being an assistant for the Rollamo: The first editor's meeting will be at 8:00 p.m. on Sunday, August 26, in the Rollamo Office, located on the third floor of the Rolla Bldg.

Any conflict with these times, please contact Carla Rellergert at 341-2759 or 341-4279.

Hiring waiters/waitresses for part-time. Earn \$5-8 per hour. Applications being taken 9 a.m.-12 noon, Mon-Fri., Italo's Restaurant.

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808 Pine in Downtown Rolla
364-2244

for yourself what exam time is like. It won't be long anyway.

In case you wondered, that great white building in front of the flag-staff on the mall is called the library. It is where the EPA is concentrating a major campaign against noise pollution and air pollution for the year 1984. Good luck Mr. Ruckleshaus. (People also study in here.)

The building over to the west of the library is the Physics Department. This is where unpatriotic peo-

ple that is called Parker Hall. This is where your money goes. (What they call the basement is actually a black hole that sucks in every dollar within the radius of approximately six miles.)

And the flaming red building to the north of the smokestacks is the building that bears the name of this great town. So named because it is where counsellors gently breathe the fire of life into you when all the

Folklore Soc. sets 1984 meeting

Source: OPI

Rolla, Mo. —The Missouri Folklore Society will hold its 1984 annual conference Nov. 8-10 at the University of Missouri-Rolla. The theme of this year's conference is "Rivers, Roads, and Rails."

Dr. Charles Wolfe of Middle Tennessee University will be the keynote speaker. His topic will be "Technology and Tradition," and he

will illustrate his presentation with examples from folk music and urban beliefs about cars, computers, and microwave ovens.

Wolfe is the author of several books, including *Tennessee Strings*, which examines the relationship of folk music to popular and country music.

Anyone wishing to present a paper or an exhibit at the conference may contact Dr. Michael Patrick,

UMR associate professor of English and society president, 217 Humanities-Social Sciences, UMR, phone 341-4625.

Members of the local arrangements committee are: Dr. Douglas Wixson, UMR associate professor of English; Dr. Jerry Cohen, UMR associate professor of German and Russian; Dr. James Bogan, UMR associate professor of art; and Suzanne Wixson.

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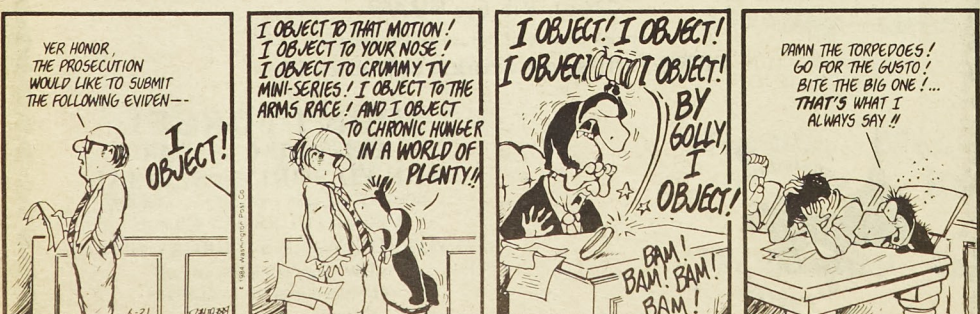
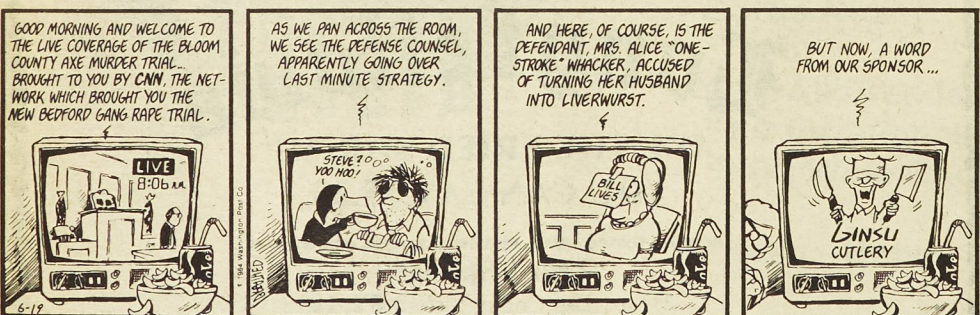
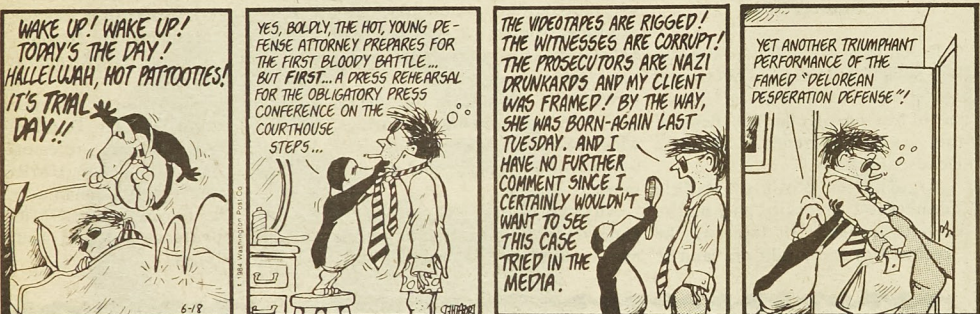
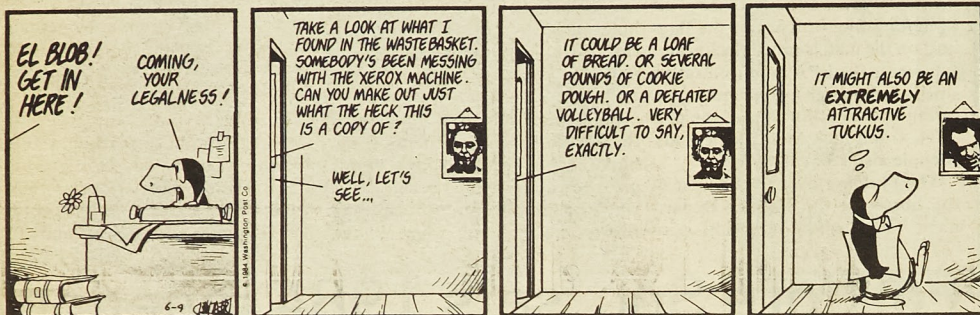
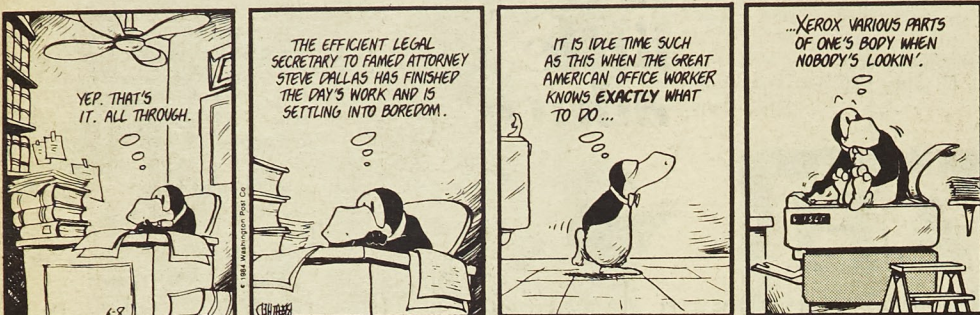


BLOOM COUNTY

by Berke Breathed

FRANKLY SPEAKING

phil frank



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UMR Film Series

The Gray Fox

In 1901, after 33 years in San Quentin, Bill Miner, "The Gentleman Bandit," was released into the Twentieth Century. Miner soon discovers stage coaches have vanished, but perceives train robberies as a new beginning.

Thursday, Aug. 30 7:30 p.m.
Miles Aud.
See also article on page 2

Welcome Back Miners



Lois McCray



Carolyn Wakeley

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Games college kids play

BLOOM COUNTY

by Berke Breathed

source: National On-Campus Report

It's been said the battle of Waterloo was won on the playing fields of Eton — a testament to the importance of games in college life. Today, board games are enjoying renewed popularity among college students. Students' skill at Trivial Pursuit, Dungeons & Dragons, and a dozen other favorite games may not lead to historic victories later on, but it has game manufacturers smiling as though they'd just passed go and collected \$200.

The big winner at the moment is, of course, Trivial Pursuit. College students account for 15% of the game's primary players and they're credited with spreading the word and making the game into the biggest gaming sales success in recent history. Sales in 1984 could hit \$700 million, a figure twice last year's total sales for the entire board game industry.

John Nason, vice president for marketing at Selchow & Righter, manufacturers of Trivial Pursuit, sees its popularity as a reaction against the solitary, asocial aspects of videogames, once the campus leisure champs.

Though trivia forms the core of the game, Trivial Pursuit has even won praise from one of trivia's loudest critics. Norman Corwin, author of *Trivializing America*, a complaint against the collapse of normative judgement in American life, says, "This kind of trivial pursuit is perfectly OK; in fact, it serves a useful function. There's nothing wrong in knowing facts. Samuel Johnson once said there's no fact so mean or despicable that he would rather not know it." Trivia as play is healthy, he says.

In the wake of Trivial Pursuit's success, other manufacturers want a share of the college game market. Parker Brothers, maker of old favorites Monopoly and Risk, now markets People Weekly, a trivia game based on popular culture as reflected in People Magazine. And

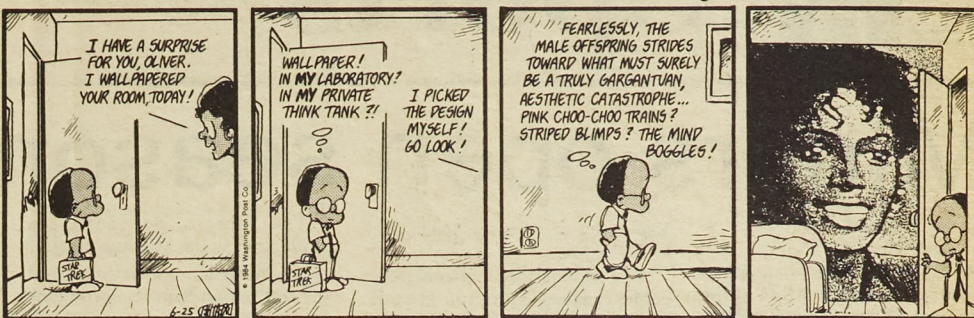
games based on television, rock music and other genres are also in the stores.

Fantasy/role-playing games, which also got their start on college campuses, remain popular with students. Dieter Sturm of TSR, Inc., manufacturer of Dungeons & Dragons, says that while the 10- to 14-year-old age group currently accounts for the biggest number of D&D players, 18- to 24-year-olds, many of them college students, are still a large percentage of the three to four million D&D players in the U.S.

There are some new developments in campus role-playing games: On some campuses, women create their own all-female play groups. Most D&D players — 88-90% — are male and Sturm admits D&D is potentially sexist. Other types of role-playing games are challenging D&D's popularity. A new TSR game called *Marvel Superheroes* allows players to play comic book stars such as Spider Man. It's already finding popularity on campus. Next month the company will introduce an *Adventures of Indiana Jones* game. These games, says Sturm, have more clearly defined scripts than D&D and should appeal to players with a different sort of imagination.

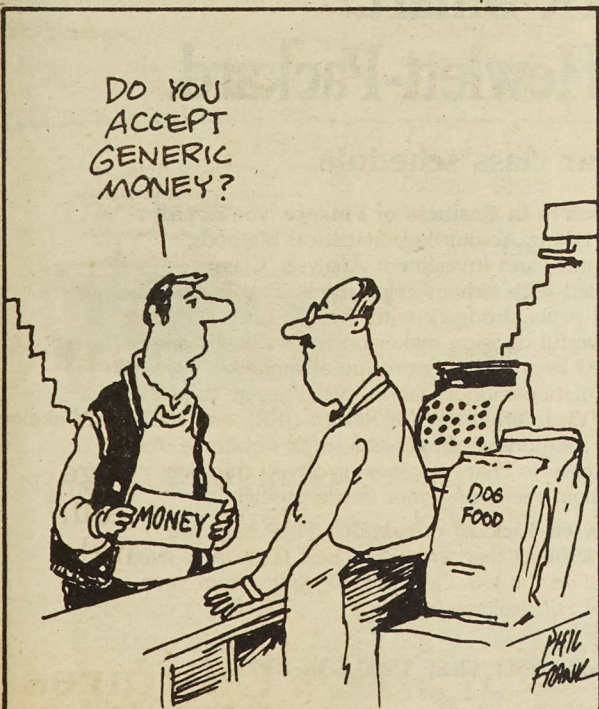
Strategy games remain popular, too. Conservative Parker Brothers has high hopes for *Pente*, a new strategy game it bought in January. Though it resembles chess or Othello, *Pente* is extremely easy to learn and still requires strategy to play, according to Parker Brothers' Cathy City. City says the company, which has never targeted the college market specifically before, will probably sponsor major on-campus promotions and *Pente* tournaments in conjunction with a big marketing push this fall.

Future Napoleons take warning: the playing fields (and boards) of America's colleges are busy places these days.



FRANKLY SPEAKING

phil frank



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OPEN MEMBERSHIP MEETING OF THE RAIDERS

Army ROTC

Tuesday, 28 Aug, 6:30 pm, Bldg. T-2 (Army ROTC)

Leadership, Weapons, Tactics, Rappelling

Pershing Rifles SMOKER

Monday, 27 Aug, 6:30 pm
Bldg T-2 (Army ROTC)

Miners open seasons at home

Source: OPI

Rolla, Mo. —Five home games, including conference action against Southeast Missouri State and Lincoln University, highlight the 1984



—Steve Petrunich, a starting midfielder on last season's Granite City (Ill.) High School soccer team, has also signed a national letter of intent to play at the University of Missouri-Rolla.

The newest Miner was a high school teammate of Macios.

"I feel Steve will be able to fit into our plans quickly," said UMR-Rolla head soccer coach Paul McNally. "He distributes the ball well and will help solidify the midfield area."

McNally said this addition to the Miner roster concludes the 1984 recruiting efforts. UMR, 10-9 during the 1983 season, opens up this year hosting Avila College Sept. 3 at 7 p.m.

ASCE from page 6

her and a platform swing so that a child can ride while lying down," Davies explained. "We also decided that a swing seat that resembles a child's car seat would help because many of the children need additional support.

"We also incorporated a wheelchair ramp into our design for the slide," he added. "I'd like to thank Tom Miller for helping us with welding and providing some of the materials we needed for the project."

"The students have been great to work with. They've been enthusiastic and have really shown an interest in the children," Blank said. "We appreciate everything they've done for us.

Members of the UMR student chapter of ASCE who helped in the project are:

Steve Davies	Joe DeRuntz
Keith Fiebig	Jill Hawkins
Karen Moeller	David O'Brien
Kirk Randolph	Mark Reigel
Cindy Scheiter	Scott Stephens
Mark Stock	Tim Wiles
Mark Webb	Wayne White

University of Missouri-Rolla football schedule.

Also included are non-conference games against powerful Missouri Western and Pittsburg State, with a late-season Parents' Day encounter versus Evangel College.

Season tickets are now on sale at the UMR Athletic Department, and may be obtained in person or by calling 341-4175. Tickets are \$25 per person, a \$5 savings over the regular reserved seat admission price of \$6 per game.

The Miners, defending co-champions in the Missouri Intercollegiate Athletic Association, open the 1984 season Sept. 1, hosting the Missouri Western Griffons in a 1:30 p.m. game. The Miners will be trying to avenge a loss in last year's opener. Other home games are Sept. 15 vs. Pittsburg State, a MIAA opener Oct. 6 vs. Southeast Missouri, homecoming Oct. 27 vs. Lincoln University, and Nov. 3 vs. Evangel College.

Season tickets are also on sale for the 1984 soccer season, with one ticket admitting the holder to all men and women's soccer action. Season tickets are only \$20, offering a large savings over the regular \$2.50 per game admission price.

The men open the season Sept. 3 hosting highly-rated Avila College, while the women open at home versus Northeast Missouri in a Sept. 21 match.

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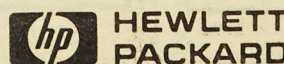
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Football Miners defending title this year

by Brett Giddens

The University of Missouri-Rolla football team will begin defense of the conference champion ship on September 1 when Missouri Western comes to town. UMR won a share of that title on the final day of last season a dramatic come-from-behind victory over Northeast Missouri State. Game time for the opener is 1:30 p.m. at Jackling Field.

White Head Coach Charlie Finley feels that his traditionally tough defense will be the key to his team's success this year. He must fill some gaping holes in the offense created by graduation. Gone are MIAA rushing champion Randy Shed, quarterback Chris Nisbet, and receivers Mel Parham and Scott Stephens. The quarterback position looks to be manned by Senior Joe Kaczmarek "one of the strongest players on the team" and indicated that he has worked very hard to improve his ability over the past year. Sophomore Brad Haug will also challenge for the job.

The receiving corps is also in capable hands with a trio of Junior lettermen returning. The tight end will be John Gregorich, a reserve behind

four-year starter Stephens last season. He has the prerequisites for the job, good hands and size, and is expected to fill this gap nicely. The wide receiver post has an excellent blend of speed and finesse. Ron Hutchcraft, who can get deep in a hurry, caught the game winner against Northeast and gives the Miner offense the ability to strike from anywhere on the field. Joe Schnefke's disciplined routes piled up over twenty yards per catch last year while alternating with Parham. He is also an outstanding downfield blocker.

Shed's departure from the backfield is buffered by a promising group of runners. Juniors Mike Meyer and Keenan Curry and Seniors Mike Schafer and Robert Kindred figure to see the majority of action Meyer is a two year letterman who averaged nearly five yards a carry behind Shed last year. Coach Finley feels he is ready to become a force in the Miner offense. Curry, a two year starter, has exceptional quickness and the ability to catch the ball out of the backfield. He recorded a 47 yard run from scrimmage last year, the second longest of the season.

An All-MIAA choice two years ago and an honorable mention selection last year, Schafer was the second leading rusher on the Miner

squad with 388 yards while scoring five touchdowns. Kindred averaged 6.6 yards per carry in 1983 and added two scores. Also in the run-

ning for playing time are Senior Bill Rich, Junior Tom Mueller, Sophomore Lafayette Gatewood, Freshmen Taron Gaines and Tommie Lay, and junior college transfer Tom Reed.

Injuries, which Coach Finley stressed as crucial to UMR's success, have beset the running backs. Reed, Rich, Meyer, Kindred, and Gate-

wood have all been injured recently so that may be the biggest factor in the competition for starting spots.

Despite the fact that eleven All-League honorees return to the 1984 squad, the Miners were not picked

to repeat as champions by a pre-season poll of conference coaches. UMR has won or finished second in

the MIAA six of the previous seven years. Of the balloting and the placement of his team in a tie for second place, Coach Finley said, "That poll doesn't mean much to me. It's where we are after the season is over with that I care about."

Next week the Miner will feature the offensive and defensive lines of the Miners with the following issue dedicated to the line-backers, defensive backs, and the kicking game.

Men's soccer team adds two forwards

source: OPI

Rolla, Mo. —A pair of talented prep forwards are the latest additions to the University of Missouri-Rolla men's soccer team.

Head Coach Paul McNally announced he has signed Granite City (Ill.) High School's Paul Macios and Vianney High School's John Laaker to national letters of intent. He feels both should be able to step in and help the Miners quickly.

"Paul is 6-1, 172 pounds, and gives us a big player on the line that will not get knocked off the ball with a little physical contact," McNally said. "He played for Gene Baker at Granite City, so we know he is well-coached."

Granite City High School has captured the Illinois state soccer title numerous times in the past few seasons.

"John comes to us from one of the premier programs in the St. Louis area," McNally said. "Vianney has won three of the last four state titles

in Missouri, and he was a main ingredient on some of those teams."

McNally feels Laaker can help UMR-Rolla at either forward or midfield.



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MS 10

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COME TO OUR OPEN HOUSE
FRIDAY, AUG. 25, 9-3
BLDG. T-2 (behind UMR Library)

ARMY ROTC

Powerlifter Galliardt named All-American

source: OPI

Rolla, Mo. — Mark Galliardt, a senior member of the University of Missouri-Rolla track and field team, has been named to the 1983 National Strength and Conditioning Association (NSCA) All-American Team.

Galliardt, an avid weight lifter and school record holder in the dis-

cus, was the only NCAA Division II athlete among the 58 recipients. All other athletes selected were from the NCAA Division I, with the exception of two from NCAA Division III.

The NSCA All-American program is designed to honor athletes who achieve success in their respec-

tive sports because of improved strength and conditioning methods.

Galliardt set the UM-Rolla discus record last year with a toss of 165.6 feet, gaining a spot in the NCAA Division II Nationals held at Southeast Missouri State University. He also has maximum, one-repetition lifts of 408 pounds in the bench

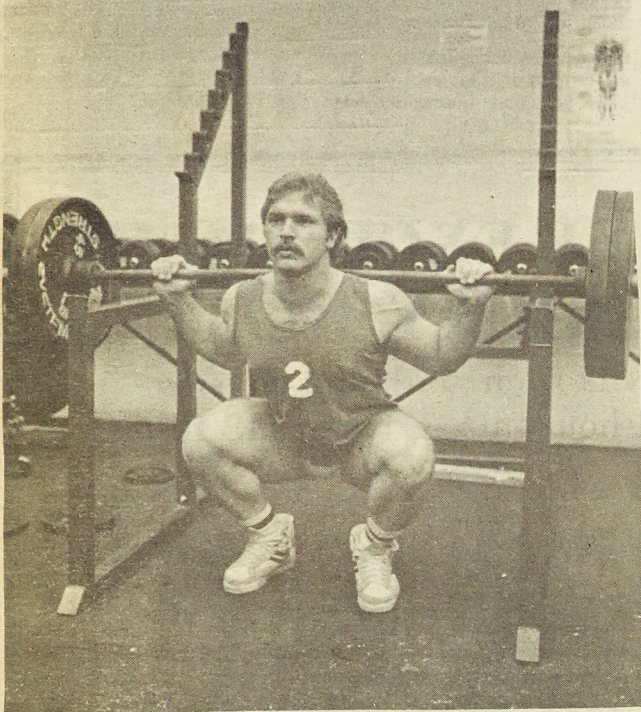
press, 633 pounds in the dead lift and 655 pounds in the squat.

"I have been lifting for about eight years," he said. "It is kind of an obsession with me, but I really enjoy it and feel great about the amount of time I devote to it."

Galliardt, a geological engineering major, was both pleased and

surprised to learn of his All-American selection. "I knew I was in the running but really didn't expect it to happen," he said. "Being the only NCAA Division II athlete recognized is quite an honor."

Galliardt is the son of Mr. and Mrs. LeRoy Galliardt, 3201 North Kent Road, Hutchinson, Kan.



Mark Galliardt demonstrating his winning form

WELCOME BACK MINERS!!!!

We think you're great!!

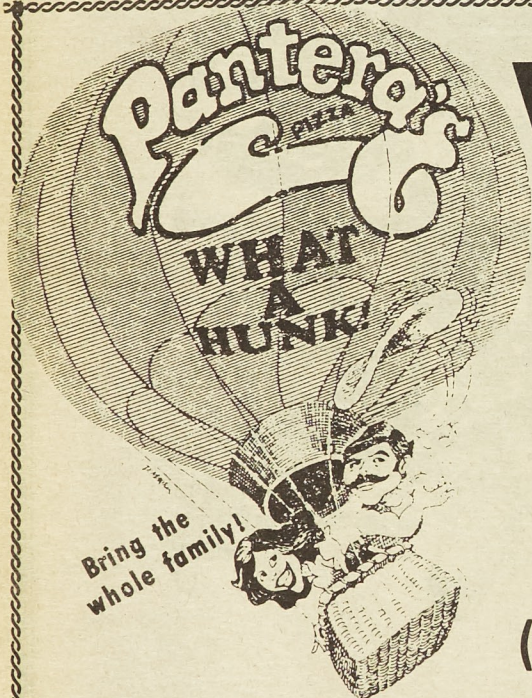
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Anniversary

August 24, and 25th

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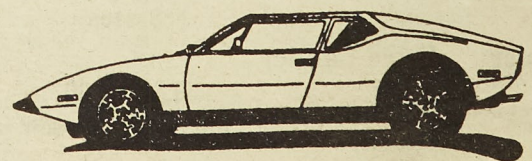
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