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The Missouri Miner, October 31, 1990

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Missouri Miner



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

October 31, 1990

Volume 79, Number 11

Sixteen pages

McClain to speak in UMR Lecture Series

News Services
SOURCE

Dr. Charles J. McClain, commissioner of higher education for Missouri's Coordinating Board for Higher Education (CBHE), will speak Thursday, November 8, as part of the University of Missouri-Rolla's "Engineering Education in the Twenty-First Century" Lecture Series.

McClain will speak on "Engineering, Science and Technology — A Statewide View" at 7 p.m. in the Mark Twain Room, University Center-East. A reception will be held following the lecture.

The public is invited to attend the lecture and reception and there is no admission charge.

"Because of Dr. McClain's experience in education, his comments on engineering, science, and technology are certain to be thought-provoking and to provide insight into the future of engineering education in the 21st century," says UMR Chancellor Martin C. Jischke.

As commissioner of higher education, McClain advises the board on policies, action decisions, and administers all programs which are mandated by Missouri statute for CBHE implementation and oversees the functions of the Department of Higher Education. The CBHE's responsibilities include statewide higher education planning, academic program review and approval, budget recommendations for state-supported colleges and universities, and the administration of the Missouri State Library, Missouri Stafford Student Loan Program and Missouri Student Grant Program.

McClain was president of Northeast Missouri State University from 1970 until his appointment as commissioner of higher education in July 1989. While at Northeast Missouri State, he initiated a student assessment plan which has been recognized as a "value-added" approach to higher education.

See McClain, page 4

Bell returns after sabbatical

News Services
SOURCE

A sabbatical leave followed by a research leave provided Dr. Robert J. Bell, professor of physics at the University of Missouri-Rolla, with the opportunity to work with other scientists on a number of projects — from advances in sunglasses to oil exploration, from mathematical models on how light scatters to the effects of electromagnetic radiation on brain cells.

Bell recently returned to UMR after performing research at the University of Texas at San Antonio (UTSA).

"I worked with a group of scientists who were conducting research on melanin, the dye in the human body that determines the color of eyes, hair and skin," explains Bell.

"Dr. James Gallas, a researcher at UTSA, had completed the project to the point where he could artificially produce melanin for use in plastics," Bell continues. "The artificially pro-

duced pigment can be matched to eye colors.

"As a result of the research, an optical company has contracted with Dr. Gallas to use the dyes in sunglasses," Bell says. "Because certain eye colors are more sensitive to light than others, the sunglasses can be custom-made for individual eye colors and, therefore, will provide more effective protection from the sun.

"As part of the project, I compared the ability of melanin with that of small carbon particles to absorb ultraviolet rays," Bell says. "Although carbon is considered to be the better absorber, I found that melanin absorbed ultraviolet rays more efficiently."

Bell explains that another research project at UTSA involved fractals, a relatively new branch of mathematics. "Fractals are mathematical equations that can be used to make a variety of designs," he explains. "For example, fractals have produced pictures of

See Bell, page 4

International News Headlines

Gary Meyer
Staff Writer

ISRAEL -- Unrest in the aftermath of the Israeli police action that killed 19 Palestinians on October 8 has spread to the Israeli occupied territories of the West Bank and Gaza Strip. Individual Palestinians seeking revenge have turned on Israelis in a series of knifings, one of which left three dead. Worried about the spread of violence, Israel has banned Palestinians from leaving the occupied territories. This ban also applies to the Palestinians living in East Jerusalem, part of the West Bank, who work in West Jerusalem.

For the second time since the October 8 incident, the United States

corner. Ostensibly democratic, President Hrawi has announced the formation of a government with equal representation between Christians and Moslems. However, having relied Syria for its aid in the defeat of general Aoun, relations between these two countries have flourished. Appointments to ministry positions and other major decisions by Lebanese authorities are filtered through Damascus, Syria, and pro-Syrian sentiments are widespread.

SOVIET UNION -- Disparate signals are making their way out of the Soviet Union reinforcing their admitted uncertainty of how to establish a free market economy. The KGB, the Soviet secret police, has announced a crackdown on black marketers, urg-

recognized blacks as second class citizens since 1958. This is the latest in a series of liberal actions by the president, some of which have met with substantive changes, others only filibustered by the inertia ridden government that sees its rule threatened. Hence, while many view Mr. De Klerk as a long awaited liberator, others accuse him of baiting the black masses with hopes of changes that will never be realized.

PERSIAN GULF -- The Pentagon has alerted up to 100,000 more troops of their possible relocation to Saudi Arabia to add to the force of 210,000 Americans in the Persian Gulf area. Many have questioned the motive of sending such a formidable and costly force when Iraqi aggression



has voted against Israel, this time in condemnation of its refusal to allow a United Nations probe to investigate the matter. The October 8 incident triggered a United Nations condemnation, written and voted for by the United States. The U.N. security council concomitantly requested that Israel allow a U.N. probe to investigate.

LEBANON -- While an unheard-of peace has descended upon Beirut, where a 15 year-old civil war has ended earlier this month with the defeat of Christian general Michel Aoun, democracy appears to lie around the

ing that the progression to a market economy must be orderly -- an ironic statement, given that order has spelled the demise of the existing centrally controlled system. In another announcement, Soviet President Mikhail Gorbachev allowed foreign investors to establish enterprises within the Soviet Union with very few restrictions placed on their existence.

SOUTH AFRICA -- South African President F.W. De Klerk proposed a new constitution for his country that would allow blacks to vote, a measure that would ultimately result in a virtual reversal of apartheid, the policy that has

appears to have already been deterred. Secretary of Defense Richard Cheney responded to such concerns by stating that the president wanted enough forces there "to deal with any contingency". He went on to say, "We want to have the capability for the president to make the decision to use other options should that become necessary in response to a provocation, for example." Secretary Cheney is meeting this week with Saudi officials about military operations in their country. Government officials have denied that

See World, page 4

Calendar of Events

Wednesday

Newman Haunted House

Bible Study Club, Maramec, 12:30 p.m.

Wesley Mtg., 6 p.m.

Spelunkers, 206 McNutt, 6 p.m.

HKN EE Help Session, 102 EE, 7 p.m.

Alpha Chi Sigma, G-3 Schrenk, 7 p.m.

ASCE Mtg., 114 CE, 7 p.m.

Sport Parachute/Hang Gliding, 206 McNutt, 7 p.m.

SME, McNutt, 7 p.m.

Newman Mass, 9 p.m.

SUB: "Serpent and the Rainbow", 104 ME, 9 p.m.

Juggling Club, 6-9 p.m., Miner Rec.

Thursday

SUB: Wade Davis Lecture, University Theatre, Cedar St.

ASSERTIVENESS TRAINING

Making Those Major Decisions, 201 Norwood, 3 p.m.

Toastmasters, 220 Fulton, 4:30 p.m.

Climbing Club, 206 McNutt, 6:30 p.m.

IK Mtg., 204 McNutt, 6:30 p.m.

ASEM, G-3 Schrenk, 6:30 p.m.

HKN Mtg., 102 EE, 6:30 p.m.

GDI Mtg., 114 CE, 7 p.m.

IVCF Bible Study, 101 EE, 7 p.m.

Chinese Student Assoc. Mtg., Missouri Room, 7 p.m.

KME Math Help Session, 203 M-CS, 7 p.m.

Alpha Chi Sigma Tutoring Service, 126 Schrenk, 7 p.m.

Gaming Mtg., 208 ME, 8 p.m.

University Theatre: "God's Favorite" by Neil Simon, 8 p.m., Cedar Street Center. Tickets are \$2 each for students with valid UMR I.D. and retirees, and \$3 for all others. Tickets available at the box office an hour before curtain each night.

Civil Engineering Senior Seminar, "The Civil Engineer as an Entrepreneur," Fred S. Kummer, president, HBB Corporation, St. Louis, and mem-

ber of the University of Missouri Board of Curators, 12:30 p.m., 114 Butler-Carlton Civil Engineering Hall. Free.

Mechanical and Aerospace Engineering and Engineering Mechanics Seminar, "Recent Developments in Analytical Studies of Composite Structures," Dr. Victor Birman, UMR Education Center, St. Louis, 3:30 p.m., Room 210, Mechanical Engineering. Free.

UMR Film Series: "Children of Paradise", 7 p.m., Miles Auditorium, ME Bldg. Admission by season ticket or \$3 at the door.

Physics Colloquium, "Quantum Resistor-Network Theory," C.H. Wu, UMR, 4 p.m., Room 104, Physics. Free.

Friday

SUB Movie Series: Major League, ME Auditorium, 7 & 9 p.m.

IVCF Mtg., 139 Schrenk, 7 p.m.

University Theatre, Cedar St., 8 p.m.

Tau Beta Pi: Plaque Signing at Theta Xi (1605 Pine), 7 p.m.

Saturday

PARENT'S DAY!!!!

SUB Movie Series: Major League, ME Auditorium, 7 & 9 p.m.

Open Gaming, 9 a.m.

UMR Football vs. MO Southern, 1:00 p.m.

Chinese Student Assoc. Movie Series, G-3 Schrenk, 7 p.m.

University Theatre, Cedar St., 8 p.m.

Collegium Musicum King's Musicke 10:10:30 a.m., outdoors and in UMR Library.

UMR Pipe Band and Jaxx Ensemble concert for Parent's Day, outdoors.

Sunday

Open Gaming, Sunrise, 7 p.m.

Wesley Chapel, 7 p.m.

KMNR Mtg., 107C Old Mining, 8 p.m.

Monday

Christian Campus Fellowship (CCF), Missouri Room, UCE, 6 p.m.

Life Talks, 7:45 p.m., 414 Holman Hall at the Quad, Study of Mark, sponsored by Koinonia.

Independents BOG Mtg., Maramec, 7 p.m.

Brechmacher House: Move Night, Free Popcorn and Sodas, "Hunt for Red October" and "Let It Ride", 8 p.m., 609 W. 9th St.

Chemistry Department Seminar, "Reduction Processes in Cyclopentadienyl Rhenium Complexes. Ring Attack, Metal-Halogen Exchange, and Ion Pair Thermodynamics," Dr. Michael G. Richmond, Chemistry Department, University of North Texas, Denton, Texas, 4:30 p.m., Room G-3 Schrenk Hall. Free.

Women's Life Talks Maramec Room, 2:30 p.m., sponsored by Koinonia.

Tuesday

MIAA Week Candlelight Vigil

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

SWE Mtg., Maramec, 5:30 p.m.

AEG Mtg., 204 McNutt, 6:30 p.m.

KME Math Help Session, 203 M-Cs, 7:30 p.m.

Chi Alpha Mtg., 210 McNutt, 7:30 p.m.

Next Wednesday

Tau Beta Pi: Egg Drop Contest, north mall of Chem. E. Bldg., 1 p.m.

Bible Study Club, Maramec, 12:30 p.m.

Wesley Mtg., 6 p.m.

Spelunkers Mtg., 206 McNutt, 6 p.m.

Blue Key Mtg., 216 ME, 6:15 p.m.

HKN EE Help Sessions, 102 EE, 6:30 p.m.

AGC Mtg., 114 CE, 7 p.m.

Alpha Chi Sigma, G-3 Schrenk, 7 p.m.

Sport Parachute/Hang Gliding, 206 McNutt, 7 p.m.

Met. Soc., 211 McNutt, 7:30 p.m.

Newman Mass, 9 p.m.

Juggling Club, 6-9 p.m., Miner Rec.

Noday

CAP AND GOWN INFORMATION: Students receiving masters and bachelors degrees may purchase their cap and gown at the UMR Bookstore anytime after December 5. Masters and bachelors attire do not need to be ordered in advance. Cap and gown orders for faculty, staff and Ph.D. students will have a deadline of Nov. 16th and may be picked up after Dec. 5th. The UMR

Bookstore will be open Saturday Dec. 15 from 9 a.m. to 4:30 p.m.

Financial Aid

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

- Completed 2 Semesters of calculus and calculus based physics
- Grade point average of 3.3 or better (3.0 for senior)
- U.S. Citizenship

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

THE FOUNDATION OF THE WALL AND CEILING INDUSTRY The Foundation of the Wall and Ceiling Industry is offering 15 \$500 scholarships to students pursuing construction-related careers in fields such as construction supervision, architecture and industrial technology. Eligibility requirements are: Pursuing a degree in a construction-related field. A full-time student at the college sophomore or junior levels. Junior level candidates must have one full academic year of coursework remaining at

the beginning of the 1990 fall term.

OR

A first or second year student attending a two-year school.

Application Deadline: December 3, 1990. Additional information and applications can be obtained in the Student Financial Aid office, G-1 Parker Hall

THE DR. ROBERT H. GODDARD SCHOLARSHIP The National Space Club will award a \$7,500 scholarship for the academic year 1991-92. The scholarship is in memory of Dr. Robert H. Goddard, America's rocket pioneer. The award is given to stimulate the interest of talented students in the opportunity to advance scientific knowledge through space research and exploration. The terms of the scholarship are as follows:

The applicant must be a U.S. citizen, in at least the junior year of an accredited university and have the intention of pursuing undergraduate or graduate studies in science or engineering during the interval scholarship.

See Financial Aid, page 4

Missouri Miner

The **Missouri Miner** is the official publication of the students of the University of Missouri-Rolla. It is distributed each Wednesday afternoon at Rolla, Missouri and features activities of the students of UMR.

All articles, features, photographs, and illustrations published are the property of the **Missouri Miner** and may not be reproduced or published without written permission.

The **Missouri Miner** encourages comments from its readers, and will attempt to print all responsible letters and editorial material received. All submissions must have a name, student ID number, and phone number for verification. Names will be withheld upon request.

Submissions for publication must be in our drop box (first floor of the Norwood Hall, Room 103) by 3:30 p.m. on the Thursday before publication. The **Missouri Miner** reserves the right to edit all submissions for style, grammar, punctuation, spelling, length, and matters of good taste.

The **Missouri Miner** is operated by the students of UMR and the opinions expressed in it do not necessarily reflect those of the university, faculty, or student body.

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Comments

Financial Aid fraud accused

Last December, I, like many of you received information from the Academic Council on Financial Assistance. For a \$50 application fee, this organization promised financial assistance ranging from \$400 to \$1,500. A refund of \$50 was guaranteed if no funds were awarded. Approximately ten weeks after submitting the application, a "personalized" financial aid package arrived. I was expected to write to each of the sources listed requesting details and an application. The responses I received proved that the ACFA did not research the sources that it listed. I was not eligible for a single scholarship or grant. The reasons for ineligibility varied; one program was for graduate students, several applied to majors other than mine, others had expired deadlines. Three of the letters were returned as undeliverable.

Phoning ACFA's customer service, a long distance call, I was informed I needed rejections from all of the sources listed to receive the refund. Several sources had not responded, so I sent more requests via certified mail. One organization never responded. I made copies of the rejections I had received in an effort to obtain a refund. After several phone calls and another letter, I received a refund of the application fee in July. Although I received no financial assistance, I was granted the opportunity to spend money on postage and long distance calls. (Note: The ACFA is under federal investigation for fraud, in case you have had any trouble finding such an organization.)

Bob Randolph, Jr.

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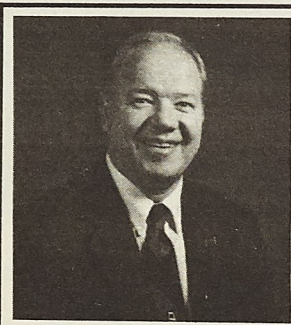
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UMR Affirmative Action Advisory Committee

Brown Bag Lunch & Discussion

November 1

Thursday

11:30-12:30 pm

(feel free to come and go as need be)

Mark Twain Room

Mentors: Opening Doors to Success

Students new to the university, especially those from backgrounds different from the dominant culture, can have a difficult time developing relationships and getting access to information they need. Having a mentor can open doors and be a welcome guide to success.

Come hear this short presentation and participate in the discussion of mentoring.

Everyone is welcome.
Soda will be provided.

Financial Aid

Application Deadline: January 4, 1991

Additional information can be picked up at the Student Financial Aid office in G-1 Parker Hall.

THE HEAVY CONSTRUCTORS ASSOCIATION OF THE GREATER KANSAS CITY AREA

The Heavy Constructors Association of Greater

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

- Shall be full-time students who demonstrate financial aid.
- Preference given to well rounded persons who are upper classmen, to Kansas City area residents, and to sons or daughters of construction employees.

- Applicants will be required to demonstrate their commitment to obtaining careers in construction.

- Recipients will be required to seek summer employment in construction.

Deadline: April 15, 1990

Applications may be obtained in the Student Financial Aid office, G-1 Parker Hall. The application is to be turned in to the SFA office by April 15, 1990.

CONSULTING ENGINEERS COUNCIL OF MISSOURI CECMo is currently accepting applications for its annual scholarship awards program. CECMo will be offering three \$1,000 cash scholarships. Eligibility requirements are:

- Candidates must be U.S. citizens
 - Pursuing a Bachelors Degree at an accredited college of engineering and entering their junior, senior or fifth year in the fall of 1991.
- Winners will be selected based on superior scholastic efforts, civil responsibility, community and college-level ability.

For more information and where to contact to obtain the application, contact the Student Financial Aid office, G-1 Parker Hall.

SOCIETY FOR THE ADVANCEMENT OF MATERIAL AND PROCESS ENGINEERING SAMPE is officially kicking off their 1991 Undergraduate Awards Program for Engineering Students. Consideration is given to scholastic average, specific courses of study, academic awards and honors received, work experience, campus and community activities, and written dissertation demonstrating the student's objectives in

processing and materials technologies. The requirements are:

- Pursuing a B.S. in engineering
- Applicants must be a full-time students in one of the accredited programs.
- Applicants must be recommended by his or her department head.
- Applicants must have a 3.3 minimum cumulative gpa based on 4.0.
- High school and college seniors are not eligible.

1991 Awards: 1st Place-\$3000, 2nd Place-\$1500, 25-\$1000

Deadline: February 1, 1991.

Applications may be picked up in the Student Financial Aid office, G-1 Parker Hall.

ST. LOUIS CHAPTER OF MSPE AUXILIARY
The St. Louis Chapter of the Missouri Society of

Professional Engineers is once again awarding \$1500 scholarships to engineering students for the 1991-92 academic

year. At least one scholarship will be awarded to a UMR student. The requirements are:

- The student be a junior or senior engineering student in the 1991 fall semester
- Good scholastic achievements
- And financial need.

Former recipients are eligible to apply for a renewal and special consideration will be given to students from the St. Louis metropolitan area.

Deadline: Applications are to be completed and submitted to the Student Financial Aid office by November 30, 1990, along with transcripts.

Applications may be picked up in the Student Financial Aid office, G-1 Parker Hall.

World from page 1

the purpose of the visit is to receive Saudi approval for military action, and have summarily denied that the possible deployment of additional forces is for an invasion of Iraqi occupied Kuwait.

The government news agency of Kuwait has that 4200 Kuwaitis died in the eight hour operation in which Iraq took control of Kuwait on the morning August 2.

Having essentially disassembled Kuwait's infrastructure and looted it of all items of significance, Iraqi forces have reportedly wired key installations including oil rigs and refineries with explosives. Only speculation on their motive for doing so exists, but it appears that if Iraq disgorges Kuwait, either by force or by choice, they will have the option of leaving behind a trail of rubble for the Kuwaitis to return home to.

SUDAN -- Drought and civil war have cut this year's harvest in Sudan threatening starvation for as many as 11 million Sudanese. The government, which gained power in a military coup last year, has been indifferent to the situation. The chief opposition group, the People's Liberation army, has been accused of shooting down relief planes and attacking trucks carrying food.

(Compiled from the St. Louis Post-Dispatch and the New York Times)

McClain from page 1

In addition, he was the founding president of Jefferson College in Hillsboro, MO; assistant dean and assistant professor in the College of Education at the University of Missouri-Columbia (UMC); and a teacher and an administrator in public school systems throughout the state.

McClain is the author of numerous articles and papers and has traveled extensively to speak about education. In 1986 he presented a paper at a meeting of the Organization for Economic Cooperation and Development in Paris, France.

He is originally from the St. Louis area and is a graduate of St. Clair, Mo., High School. He received a bachelor's degree from Southwest Missouri State University and a Ph.D. degree from UMC.

UMR rated highly in several recent college publications

News Services SOURCE

Admissions criteria and top-quality students and faculty are among the reasons the University of Missouri-Rolla is included in the most recent edition of "Barron's Guide to the Most Prestigious Colleges" and the latest issue of U.S. News & World Report's College Guide.

"These listings are an indication for the quality of the students, faculty and educational resources at UMR and they reflect our continuing efforts to provide students with the best education possible," says UMR Chancellor Martin C. Jischke. "We are proud to be included among some of the finest universities in the nation."

Robert B. Lewis, UMR director of admissions, says, "These and other recent publications such as the 'Money Guide to America's Best College Buys,' which ranks UMR 66th in the nation among public schools offering the best education for the money, provide students with information that can be helpful to them when they are selecting a college or university."

According to the preface to "Barron's Guide to the Most Prestigious Colleges" the publication "presents in-depth descriptions of over 300 most highly recognized and most influential colleges in the country."

The preface continues that universities are selected for the guide "based on admissions criteria such as SAT or ACT scores, required class rank and

grade average, and percentage of applicants accepted."

The Barron's guide ranks UMR in the "Very Competitive" category with schools such as Purdue University, Texas A&M University and Virginia Polytechnic Institute and State University.

Schools were selected for the U.S. News & World Report guide based on the students' high school class standings and ACT and SAT scores, the percentage of full-time faculty with doctoral degrees and the ratio of full-time students to full-time faculty.

U.S. News & World Report lists UMR with other nationally recognized technological schools including Clemson University, Colorado School of Mines, George Washington University and The Ohio State University.



Bell

mountains which have been used for backgrounds in movie settings.

"Using fractals to simulate how light is scattered off small particles," he continues, "I was able to understand how light is scattered from different distribution points."

Along with other researchers at UTSA, Bell is also studying new theories for water and oil exploration. "We are trying to detect underground faults without drilling," he says.

Bell and Dr. Ralph Alexander, UMR professor and chairman of physics, are participating with Dr. Marvin Query, dean of graduate faculties and research at the University of Missouri-Kansas City, in a solid state physics project in which they studied 17 met-

als on the periodic table.

"I used the data that we had developed to predict the optical properties of these metals and found a close correlation between elements located near each other on the table," he says. "No one had made this correlation of the optical properties before."

In addition, Bell and Alexander have proposed a research project with Drs. Patrick Nash and Deborah Armstrong from UTSA to determine if emissions from electric power lines and electrical wiring in homes have any damaging effects on the brain.

"Dr. Armstrong can grow neurons taken from the brains of mice fetuses," Bell explains, "and we want to study the effect of electromagnetic radiation

on the growth of these neurons.

"Some foreign scientists believe that the intensity of radar signals, which transmit electromagnetic waves, affect a person's ability to think clearly," Bell says. "Measurements taken by researchers in the United States have not verified this and we are proposing this project to determine if the brain receives any damaging effects."

Bell adds that he was interested in conducting research in San Antonio for several reasons. "The area is well-known for its biology and medical research centers," he says, "and UTSA has a strong research group in biology."

from page 1

Features

Board slips past IFC in annual battle

By Matt Tobey
STAFF WRITER

As promised in the last issue of the Miner, here is the summary of the Green-DEFEAT-Gray Classic. The St. Pat's Board and the I.F.C. were tied 14-14 going into the final minutes of the ball game. On what proved to be the last play of the game, St. Pat's Board quarterback Steve Howard threw a pass into the endzone. After being tipped several times, the football was caught by wide receiver Chris Goo for a touchdown giving the St. Pat's Board 20-14 victory. Thanks to all the fans who came out to watch one of the most exciting and fun Green-Gray Classics of all times. Hey I.F.C., if you think that was a depressing loss, just wait until soccer.

The St. Pat's Board proved again this week that they do more than just play games. This past Wednesday night Junior Board Reps served Mock-tails to everyone who attended Comedy Night during Alcohol Awareness Week. The Board Reps, sporting their new 1991 St. Pat's sweatshirts, waited tables and handed out pamphlets to help promote awareness and responsibility regarding drinking.

Lambda Chi works with charity

Benefit approaches

Lambda Chi Alpha
SOURCE

The Lambda Chi Alpha Fraternity will be hosting its 29th annual Chicken Benefit Dinner on November 4. The dinner will be served from 11:00 a.m. to 7:00 p.m. at the fraternity house, which is located at 1705 Pine Street. Tickets are available now at the Lambda Chi Alpha house and at Key Sport for \$3 for adults and \$2.50 for children, and \$3.50 at the door. Also, on Sunday, October 21, members of Lambda Chi Alpha will be selling tickets door to door throughout the Rolla area.

All proceeds will benefit the Cerebral Palsy School and the Rolla School for the Mentally Retarded. The Rolla Nutritional Site will be giving between 20 and 30 tickets as a donation from Lambda Chi Alpha. Last year over \$900 was raised and the goal for this year is \$1,200. The dinner has always been well supported by the community, with many pleased citizens returning year after year.

For any information about group ticket sales or donations, please call Rick Stoneking at Lambda Chi Alpha at 364-9901 or 341-6971.



St. Pat's Board

Sr. Rep Mike Rollet Charges through the IFC defense.

It's time for all fraternities, sororities, and other interested groups to be thinking about the 1991 St. Pat's Parade. The theme this year is "History of Hollywood" and the deadline date for float entries is November 13. Float entries will be taken at Alpha Epsilon Pi, last year's winner of the Best Float Award. The deadline is coming up fast, so get thinking and come up with

a float idea that will make this year's parade the "BEST EVER." For information regarding floats and this years

parade, call Greg Brown at 364-4841.

With only 134 DAZE left until the "BEST EVER" St. Pat's Celebration 1991, freshmen don't forget to dig out your shillelaghs and BUY YOUR GREEN TODAY!!

Theta Tau keeps busy with upcoming events

By Greg Denzer
THETA TAU OMEGA

Once again it is time for a few annual Theta Tau events. The first of these is Theta Tau Omega's Freshman of the Year. This is primarily for last year's freshmen. The exact requirements are that the student must be of sophomore status with thirty or more hours completed at UMR. This award is meant primarily to recognize the freshman who best represented UMR through academics, social and campus involvement. In order to qualify for this award one needs to fill out an application and then go through a personal interview. The applications are currently available by contacting either Ray Yeargin or Jeff Meystriek at Sigma Nu fraternity. These applications are due by Thursday, November 1, and should also be turned in to either Jeff or Ray. The interviews will then be held a week later on November 8 in room 114 of the Civil Engineering building. So, if you feel you qualify or know someone who does be sure to get an

application and get it turned in by Thursday. If there are any further questions feel free to contact John Julian at 341-8336.

Another upcoming Theta Tau event is Mums for Moms. Theta Tau will be taking orders for mums that will be delivered the morning of Parent's Day. The proceeds for this event will also be going to a local charity. The mums are available in both white and yellow at a cost of \$2.00. These are excellent gifts for your mom for Parent's Day. The person to contact for more information concerning the event is Greg Martinez at 364-8115.

The final event is the semi-annual each semester and is sponsored by Theta Tau along with Alex's Pizza. For each pizza ordered one dollar will be donated to a local Rolla charity. Pizza Night has proven to be a successful charity fund raiser each semester. If you need more details concerning dates, etc. you can contact Brad Steinkamp at 364-0974.

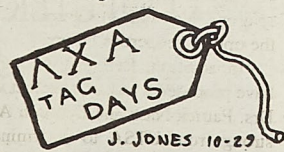
So Theta Tau will be keeping busy for the next couple weeks and we appreciate everybody's support and involvement in all of these events.

Fraternity to sponsor Tag Days

Lambda Chi Alpha
SOURCE

On November 16, and 17, Tag Days will be coming to Rolla. Tag Days is a public awareness program designed to promote information about the symptoms and complications of diabetes. It also raises money for the American Diabetes Association.

During Tag Days, volunteers from fraternities, sororities, and other service organizations will be passing out "tags" in front of local merchants. They will also be collecting donations. Through this effort, the American Diabetes Association hopes to raise \$5,000 and educate the estimated 500 Rolla Residents who have diabetes but remain undiagnosed.



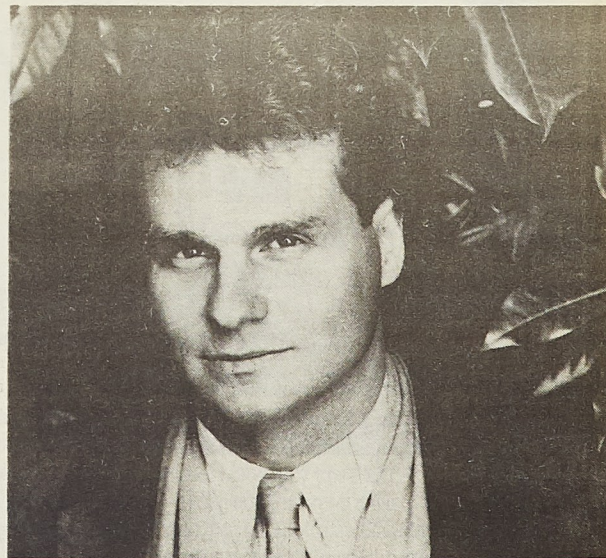
Lambda Chi Alpha will be organizing Tag Days. Any group interested in participating in Tag Days should contact Rick Stoneking at 364-9901.

Harvard graduate Dr. Wade Davis to lecture at UMR

By C. Crossen
SUB

Sub Fine Arts Committee is bringing Dr. Wade Davis to University of Missouri-Rolla. He will lecture Thursday, November 1, 1990 at 8:00 p.m. in Centennial Hall. The lecture will discuss and include slides from his experiences with the Afro-Caribbean Culture and religion (Voo Doo). He is the author of "The Serpent and the Rainbow" which is based on a true story.

Dr. Wade Davis studied anthropology and biology at Harvard University where he received his doctorate under the direction of renowned ethnobotanist Richard Evans Schultes, with whom he studied for over 12 years. For nearly three years Davis lived in South America, working as a plant explorer in the Northwest Amazon and adjacent regions of the Andean Cordillera. Journeys by jeep, mule, dugout, river raft and on foot led him through eight Latin American nations where he worked among some fifteen indigenous groups. Alone or with botanical colleagues, Davis has



SUB

Dr. Wade Davis, Afro-Caribbean culture expert and author of the "Serpent and the Rainbow".

made nearly 7000 botanical collections which have since been distributed to herbaria throughout the world.

"The Serpent and the Rainbow" will be shown Halloween night after the Physics exam.



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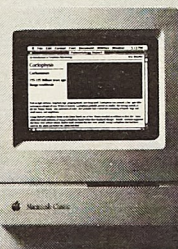
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LUNCH:	Chili BBQ Ham Sandwich Chicken & Dumplings	Beef Okra Creole Hamburgers Hungry Jack Casserole Cheese Ravioli	Grilled Cheese & Chili Turkey Tetrazinni French Waffles	Fried Chicken Spaghetti Pancakes and Sausage	Hamburgers Chili Nachos Bacon Quickes	Chili Pepperoni & Sausage Pizza Chicken Noodle Cass. Chef Salad	Hot Turkey Sandwich American Lasagne Pancakes
DINNER:	Chicken Fried Steak Pork Fried Rice Ham & Beans	Batter Dip Fish Beef Pot Pie Mosstaccoli	Pork Fritters Curried Chicken Corn Dog		Roast Turkey Jumbo Cheese Dogs Sweet/sour Pork	STEAK NIGHT Grilled Steaks Bacon Burgers Shrimp Platters	Veal Parmesan Meat Loaf Chicken Pot Pie

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APO to hold National Service Day

APO
SOURCE

Alpha Phi Omega, a co-ed national service fraternity that has charted over 600 chapters on college campuses nationwide, has announced that Saturday, November 3, 1990 will be its eleventh annual "National Service Day."

"Service Day 1990" is one of the largest college service projects throughout the United States. The National Fraternity's individual chapters sponsor campus and community projects simultaneously throughout the country to draw greater attention to a specific cause and to involve as many people as possible in a unified volunteer effort.

This year, Alpha Phi Omega chapters nationwide will be providing aid

to help win the "war on poverty." Beta Omicron, the fraternity's chapter here at Rolla, is planning to hold a Canned Food Drive. Throughout the week of October 29th to November 3rd, there will be drop-off spots at the Kroger and National food stores. Over the weekend of the third, members of the chapter will go door to door, asking for donations of one or two cans.

Alpha Phi Omega is the nation's largest fraternity and the only one whose primary purpose is service. It was founded in 1925, and membership is open to all college students. The Beta Omicron Chapter was started in 1939, and its most recent project was the Aerobathon to benefit Special Olympics.

For more information on "Service Day 1990" or on Alpha Phi Omega, please call Vicki Betlach at 364-7817.

EPA hopes to promote resource management

EPA
SOURCE

The Environmental Protection Advocates is a new group on campus working to help improve UMR's environmental resource management.

The E.P.A. developed a program with Quick Copy that allowed recycled paper to be temporarily offered at competitive prices compared to regular bond paper. The group's goal was to initiate an awareness and demand for recycled paper. The program is now over, and it was well received by the Engineering Management and Electrical Engineering Departments. The EPA would like to extend their thanks to everyone who participated in the program.

Currently, these departments are allowing the group to place containers in their offices so that bond paper and computer paper can be easily collected for recycling. The EPA will be gathering the paper for transfer to the Recycling Center.

The group is asking all students, faculty, and organizations on campus to unite and extend such programs campus wide for the remaining and next semesters. The following people can be contacted for those interested:

Gregg Sanders	341-5903
Paul Mack	364-1933
Tim O'Hearn	341-9671
Scott Bell	341-9240

ASUM intern applications due

By Tom Brown
ASUM

Time is running out for turning in your applications for internship in Jefferson City. The due date is Friday, November 2. As an intern you will work with the Associated Student of the University of Missouri (ASUM) as a registered lobbyist. Your duties will take you to the capitol twice a week to lobby on important legislation that directly affects you as well as all other students in the University of Missouri system. You talk and work with key legislators on a daily basis.

To be eligible for the internship you must have successfully completed at least one year of college and have a G.P.A. of 2.8 or above. You must also enroll in a 6 hour political science class of internship. These six hours will count towards your required upper-level humanities credits 212 University Center west. Remember, you must have your application turned in by November 2. Interviews will take place on Wednesday and Thursday, the 7th and 8th.

Sig Ep hosts their annual Fright Night



Kevin Biggers

Students (from left; Ray Vaughan, Myra Huritt, Julie Tatum, and Bob Oscilope) ready for an evening of fright at Sig Ep.

Tau Beta Pi to sponsor egg drop contest

Tau Beta Pi
SOURCE

Tau Beta Pi, the engineering honor society, will conduct an egg drop contest with \$225 in prizes on Wednesday, November 7 at 1:00 pm. The object of the contest is to build a vehicle capable of protecting an egg or eggs from breaking in a three-story drop off the Chemical Engineering fire escape (the north end of the building). The prizes are \$100 for first place, \$75 for second place, and \$50 for third. The rules are as follows:

1. Contestants must provide their own large chicken eggs.
2. Eggs must not be treated in any manner (cooked, coated, etc).
3. One entry per person.
4. The vehicle must land on a 2m

diameter target on concrete.

5. We must be able to inspect the eggs by normal means after the drop.

6. Vehicles must be labeled with name, major, academic year, and simple instructions.

The winning vehicle will be the lightest one in which all eggs survive the drop. In the event that none of the vehicles meet this criteria, the vehicle with the most unbroken eggs wins; in the event of a tie, the vehicle with the

best survival ratio will win. Decisions of the judges are final. For those who want to enter the contest, please bring the vehicles to the north end of the Chem. E. building between 12:30 and 1:00 pm on Wednesday, November 7. For more information, call Suzy Otto at 341-8028. Contestants do not have to be members of Tau Beta Pi. The contest is open to all UMR students.

Physics chapter to host conference

Society of Physics
SOURCE

The UMR chapter of the society of Physics Students (SPS) will be hosting the fall 1990 SPS zone 9 regional conference on November 10, 1990. The conference will include participants from the over 100 SPS chapters located in eight states throughout the Midwest. Conference activities will include: a student paper competition, a workshop on preparing to enter graduate school and a lecture by distinguished researcher Dr. Gerald Gabrielse of Harvard University. The conference is open to all students with an interest in physics and all UMR students and faculty are invited to attend.

Any student who wishes to present a paper on original research in the student paper competition is encouraged to do so. The first prize in the student paper competition is a set of the commemorative edition of "The Feynman Lectures on Physics," and the deadline for paper submission is November 3, 1990. Papers should be

submitted to: Chris Thornton, 102 Physics building.

Dr. Gerald Gabrielse will be the conference's key note speaker. He will be talking on his latest research "Antiprotons at 4 Degrees Above Absolute Zero." The lecture will be at 11:00 am Saturday, November 10 in room 104 of the physics building. Dr. Gabrielse's research is at the leading edge of experimental physics and his work has been profiled twice recently in Physics Today. Dr. Gabrielse's lecture is open to the public. The following is a schedule of some conference events:

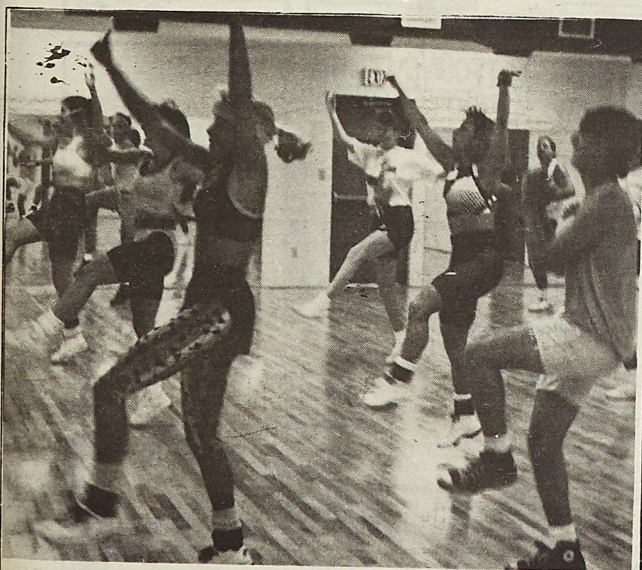
Saturday, November 10:
8:30-9:00am Conference registration, coffee and doughnuts.

9:00-11:00am Presentation of student paper

11:00-12:30pm Dr. Gerald Gabrielse "Antiprotons at 4 degrees K"

12:30-2:00pm Conference Banquet
2:00-5:00pm Workshop "Preparing for Graduate School"

Student papers continue (if necessary).



Students participate in Alpha Phi Omega's first annual Aerobathon. Proceeds went to Special Olympics.



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12:30-5:00

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(16" one topping with 2 salads & 2 sodas) \$10.99
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- Thurs. - Two topping pizza for the price of a one topping

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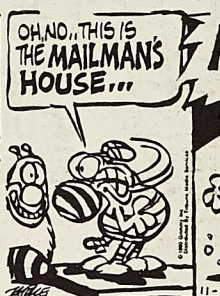
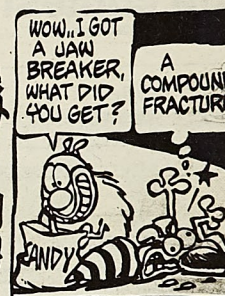


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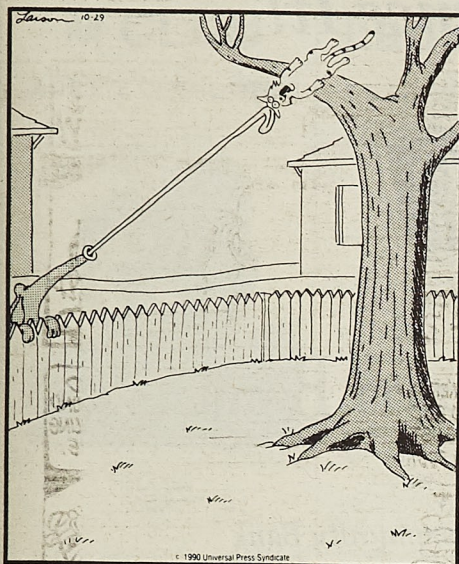
Mother Goose & GRIMM

by Mike Peters

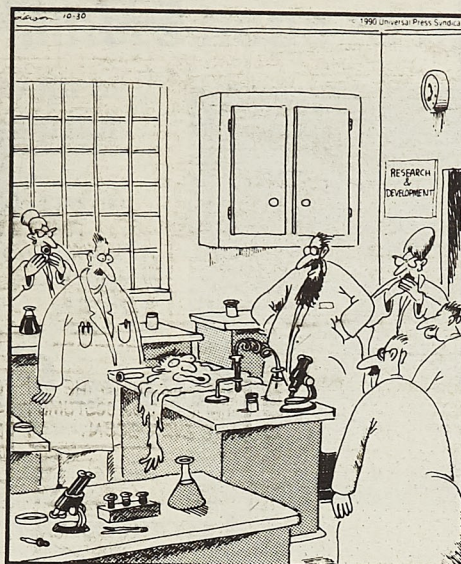


THE FAR SIDE

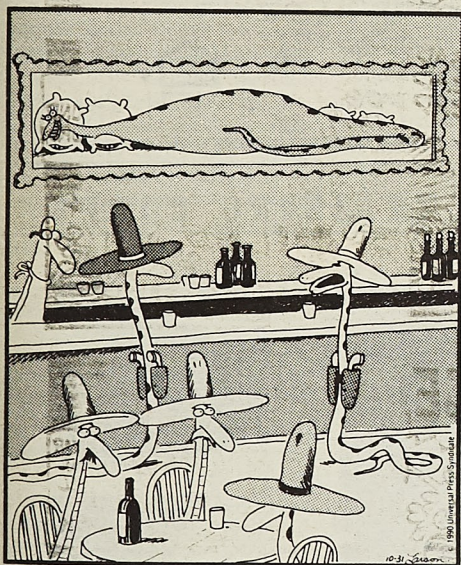
By GARY LARSON



Aardogs



"My God! It is Professor Dickie! . . . Weinberg, see if you can make out what the devil he was working on, and the rest of you get back to your stations."



"Who are we kidding, Luke? We know this is going to be just another standoff."



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Halloween approaches at KMNR's annual Freakers Ball




Kevin Biggers

Jack Rozdiski (left) and Anna Boyd enjoy the atmosphere at Sig Tau during the Freaker's Ball.



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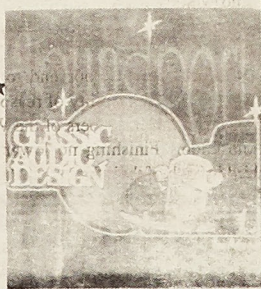
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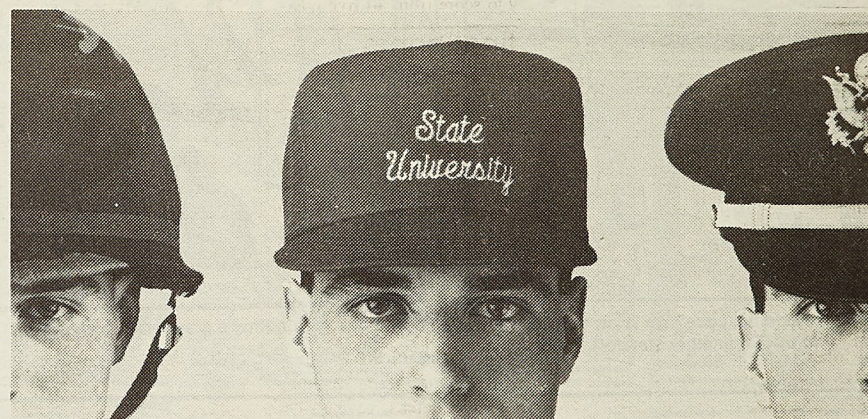
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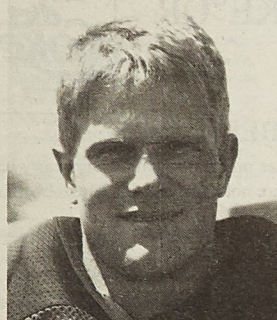
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Sports

M CLUB

ATHLETE OF THE WEEK



Susan Lowe

M-Club SOURCE

M-Club athlete of the week is Mark Diamond. Mark is junior free-safety on the UMR football team. He is from Carbondale, Ill. and is majoring in mechanical engineering. He has led the team in tackles the past two games with 19 in each outing. Last week against CMSU, Mark had 7 unassisted tackles and 12 assisted tackles. He, also, has two interceptions so far this season, one of which he returned for a touchdown. Mark is the leading returning tackler from last season, when he was third on the team. Congratulations Mark!

Lady Miners hope to have a successful season

as they try for a 20 win campaign

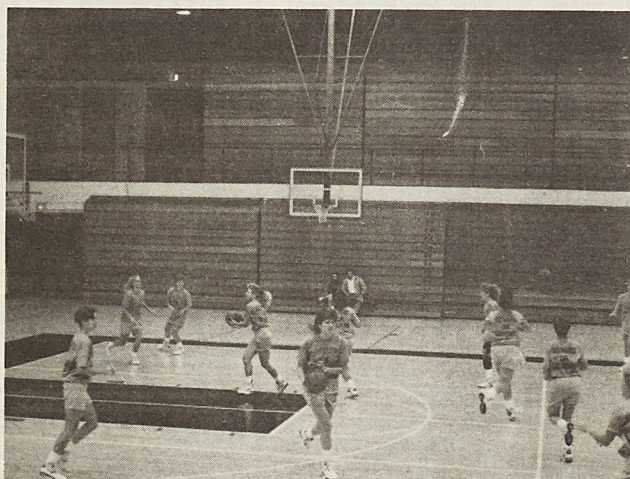
By Tom Brown
ASST. SPORTS EDITOR

It's coming! Basketball season is close at hand and the Lady Miners are fired up and ready to battle for the conference title. Back at the helm of the Lady Miners is Coach Mary Ortelee. Although the team has lost the leading scorer in the UMR history, Jennifer Cordes, there is plenty of people to take up the slack.

The Lady Miners have nine returning players from last season as well as two transfers who are now eligible for action. Joining the squad are three talented freshmen who will be battling for playing time. Four seniors are back: Sarah Conyers, Casey Engstrom, Jan Grotenhuis, and Jen Schnur. Schnur and Grotenhuis will be the team's co-captains.

Coach Ortelee feels that "this is probably the deepest team we have ever had." It will be a toss up at most positions for a starter this season. "With the talent we have, I don't think you will see a set starting line up for each game," said Ortelee.

The team is well balanced and has the ability to score from all five posi-



Deve Libiaz

The Lady Miners opened the basketball season with a midnight practice to get a head start on the competition. Their season home opener is on the 27th of November.

tions. Ortelee will be able to shuffle people in and out to go from big, inside team, to a quick, fast break team. "The line up depends on how we match up against the team we are playing," commented Ortelee.

The Lady Miners have six people

over 5'11, giving them the ability to power the ball inside. Battling inside for UMR will be Conyers, Engstrom, Schnur, Karissa McCarter, and Stacy Mathes. Joe Kvetensky, a 6'1 freshman, is the second tallest player and will be playing at the guard/forward

spot, which shows the versatility of the basketball squad.

Handling the quarterbacking responsibilities for the Lady Miners will be Suzanne Spencer and Anita Keck both are juniors. Freshmen Amy Geiler will also be working at the point guard spot, as she is learning the position at the college level. The off guard position will be filled by a combination of Grotenhuis, Trish Van Diggele, Korena Stevens, Cathlin Maloney, and Erika Nelson.

"We have potential to do as well as the team that went 19 and 8 ... This is probably the deepest team we have ever had."

- Mary Ortelee

Miner football prepares for final home game of the season against MO Southern

By Tom Brown
ASST. SPORTS EDITOR

With only two games left in the season, the Miner football team is struggling to avoid the goose egg. The Miners have now dropped to 0-8 on the season after suffering two losses, one to Pittsburgh State, 52-7, and the other to Central Missouri State by the score of 37-0. The football squad must try and salvage their season by defeating Missouri Southern and Southwest Baptist and restore some pride.

A challenge to the fans—prove people wrong support the team with pride and enthusiasm!

The UMR team found themselves in unfriendly territory this past weekend as they traveled to Warrensburg to take on the CMSU Mules for their homecoming. The Miner offense, which has sputtered in the past, came to a stand still as they recorded only 86 total net yards for the game. They converted just two of 13 third-down conversions, while managing to scrape up 7 first-downs. Vincent Banks led the Miners in rushing with a meager 21 yards.

While the offense has continued to be ineffective, the big surprise was the inability of the UMR defense to contain the Mules ground game. It was not that the defense spent the majority of the time on the field because the Mules scored on four of their first five possessions of the game. Granted the offense did no more than run a few plays before they were forced to punt which gave the defense little rest. But this was early in the game when the team should be fresh. The Miner defense gave up 390 yards rushing to CMSU, who had close to 400 more total net yards than the Miners.

The defense, or lack thereof, shows up in the stats as the two leading tacklers were safeties. Mark Diamond had 19 tackles and Dan Herzberg had 13. Linebacker Kurt Daniels had 12 for the game.

The play of the Miners so far this season has been disappointing. But since they are a young team, an ending on a high note would be a tremendous boost for next season. With one home game left against Missouri Southern this Saturday at 1:30 p.m. this could be a great opportunity for the Miners. So challenge goes out to the team—prove people wrong, finish strong with pride and enthusiasm. A challenge to the fans—prove people wrong, support the team with pride and enthusiasm!

Waterpolo Aquajocks finishes their season with an impressive 10 - 4 record

By Paul Baudendistel
STAFF WRITER

The UMR Water Polo Club finished off a fine season by capturing third place in the University of Indiana's tournament October 20. The Aquajocks won two out of three games to raise their overall record to a lofty 10-4.

The Miners pummeled Northwestern 7-4 in the second quarter of their first match and coasted to a 17-10 victory. Rich "the Rocket" Berger hammered in five goals to lead UMR's potent offense. Hat tricks by Jeff "Periscope" Kuta and Paul "Lob" Baudendistel provided further scoring, while Andy "the Whip" Connolly, Tim "Layout" Streb and Doug "Campster" Cordier added two tallies each.

Rolla then crushed the tourney's hapless hosts by punishing Indiana to the tune of 22-7. Converting on five of eight man-advantage situations, the Miners took control of the game with a 6-0 first quarter and never slacked off. For the only time this year, each member of UMR's squad scored in the same game. Rolla's bombardment consisted of hat tricks by Berger, Connolly, Streb and freshman Greg Houille; two goals a piece from Mike

"the Worm" Stus, Cordier, Baudendistel, and fellow novice Brian "the Hammer" Klein; and single scores by Kuta and "Mr. Dedication" Rob Wagner.

In their last contest of this season, the Miners looked to beat a tough Michigan squad. UMR's offense once again stalled, as Rolla was held to only five goals, as Connolly and Streb powered in two each and Stus added a single tally. The Miners' defense adjusted surprisingly well to Michigan's double-hole offense. The difference in the defensive battle, however, was the refereeing. While both teams had four man-advantage opportunities, Michigan was awarded penalty shots on three separate occasions as a result of questionable calls. The never-say-die Aquajocks battled to stay within one goal the entire game, and even could have sent the game into overtime with the eight seconds left, but failed to convert.

Despite such a poor end to their season, UMR has plenty of reasons to be proud of the members of the Water Polo Club. Finishing no lower than third in each of their four tournaments, the Aquajocks outscored their opposition 200-96 in posting an impressive 10-4 record. Rolla's balanced scoring attack was led by Bat-set Tim Streb's

43 goals. Stus and Berger racked up 37 and 36 tallies, respectively, while Connolly and Baudendistel surpassed the twenty-goal barrier. Cordier, Kuta and Klein knocked in ten apiece in limited playing time.



J. JONES 10-22

The Water Polo Club would like to thank all of those students who attended games at Rolla's home tournament September 14th and 15th, as well as those who expressed a general interest in water polo by reading this and other articles. Finally, the Aquajocks would like to thank Coach Mark Mull for putting up with their antics and StuCo for making it all possible.

Men's Basketball looking to improve Momentum for playoffs to provide spark

By Jeff Lacavich
STAFF WRITER

What is the outlook for this year? Head Coach Dale Martin is feeling very optimistic about his squad after a late rush into the MIAA Playoffs last year.

His feelings comes from the fact that a large portion of that team that made the school's first appearance in the tournament is back. The team has some very fine young ball players, so the team can only get better with time.

According to Martin, "after the team's finish last year, we have more confidence in our ability to play in the MIAA." With three returning starters and a healthy William McCauley back, there is a good feeling going into the season. McCauley averaged 12 points his junior year.

Eight of the 13 players on the roster are either freshmen or sophomores. The youth of the team is not Martin's main concern. Three of the team's four returning starters are sophomores who saw valuable clock as freshmen.

"This was the first time that we have made it through the pre-season without anyone getting hurt," Martin said. "I feel at this time that we should be further ahead than at the same time last year because of the returners that we have."

The Miners have one of the biggest players in the conference on the inside with 6-9 sophomore Donnie Brown. He is strong on the offensive end. Chris Schneider, a 6-7 senior is strong at defense. The two will do a lot of sharing at the same position.

At forward, the Miners have big people in freshman Tony Johnson and Larry Smith, both of whom could see a lot of playing time. The Miners have

two solid small forwards in McCauley, at 6-2, and Chris Dawson, a 6-3 sophomore who made the MIAA's All Freshmen team last year.

The backcourt is yet to be determined. Bill Jolly, who led the team with 36 tri-vectors, will try to recover his spot. Mike Parmeley and Jon Huecker will be knocking on the door.

Point guard will probably be filled by junior college transfer Danny Gold. He's an excellent passing guard who has a great transition game. Freshman Rod Jackson, could also see time at the shooting guard position.

"Gold will really stabilize the point guard spot, which will allow Jolly to go back to his natural position at two guard," Martin stated. "Our new 6-6 forwards (Smith and Johnson) should help us and we have a fine athlete in Jackson."

One of the keys to the Miner season will be shooting. The Miners were last in the conference last season at 43.4 percent. It will have to improve to better a sixth place finish.

Martin said, "How well we shoot from the field will be a key to our success, along with how well defensively we can stop a good player at forward."

Defensively, the Miners should be solid. Despite the offensive weakness, UMR finished third in the MIAA in points—following behind NCAA participants Central Missouri State and Southwest Baptist.

The Miners have an exhibition game versus Hobart Tassie Devils from Newcastle on Sunday, November 11. The team will be good this season so go to the games. "Crowd participation has been down, let's change that," said Martin.

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Classifieds

Miscellaneous

\$25 Reward

A \$25 reward is being offered for the return or for information leading to the return of two volleyball standards that were abducted from the Schuman Park the first week of October. These are metal poles painted red & blue & set in cement. They are property of UMR and On The Loose. If you have any information please contact The Student Union Board at 341-4220 or On The Loose at 341-6488.

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Personals

Jeff,

Next semester you will have two friends again!!

Your only friend

Deanna,

You are the coolest! Let's go out and party sometime.

Flem

Jill,

Didn't you like those pizza delivery boys?

Zeta Alumnae,

Thanks for all you do for us!

The Zetas

Christina,

you are a great little sister! Thanks for everything. I will have your crest framed, soon.

Jill,

What did that one taste like?

Your roommate

Zeta Pledges,

You guys are AWESOME!

The Zetas

Ray,

You are so lame!

Your Two lame Big Sisters

Beth B.,

Hang in there! We're all very proud of you and we're behind you all the way!

A KD sister

Schonda,

It's great having you around! Keep that beautiful smile shining!

A KD sister

Jill,

You really shine for Kappa Delta! Thanks for being a super sister!

A KD sister

GET PSYCHED FOR THE SLEEPOVER KD's!!!

Beth,

Thanks for all you're done for big sister appreciation. I appreciate you too!!

KD love,

YBS

TOO MUCH SLEEP CAUSES WEIGHTGAIN!!

Clara,

I appreciate you so much, you awesome big sis!!

Love in AOT,

YLS

ZTA & XΩ,

Thanks for having us over for Sorority dinner exchange.

The Ladies of Kappa Delta

Heather G.,

Thanks for the kiss. It helped more than you know.

Love in AOT,

Mary Helen

John (a.k.a. Don)

Or is it Congo? What should I call you???

YBS

Hayes,

What did that personal mean?!

Flem

Hayes,

I would prefer the painter because no one else could look so good in those little shorts with that bod!!

Ha Ha

Harry, Papa, and Andy,

When are you going to have us over for dinner?

The Zeta Girls

Amy Lou,

Your room looks like a mortuary! Enough roses already.

Your neighbor

Becky,

How are you ever going to be able to run 2 miles?

Lissy,

Where did you learn how to drive?

ZLAM,

Lucky to be alive

Janice,

I wouldn't laugh about Lissy's driving, you are not much of a co-pilot!

ZLAM,

Flem

Connie,

I heard it was hot at Pikes?

Happy Birthday, Julie Montefusco, Dorle Schultz, Nancy Nawojski, Becky Bohannon, and Lisa Molner.

Love,

The Zetas

The Beast Room by Jones and Griff



J. JONES 10-29

BAT SLEEPING DISORDER CLINICS

Kelly,

Sorry about all the noise the other night! We will try to keep it down!

ZLAM,

Noe & Michelle

Julie D.

Let me know when you want to go to MU - I'll take you and I promise to bring you back!! Let's party soon!

Zlam,

Noe

Chelle,

I don't think I'm ever gonna have a late night burnito!!! Never, ever, ever!

ZLAM,

Noe

Musty, Rusty, Busty! ha ha ha. What a great exercise!

Nancy,

Sing me the jungle song again!

Zlam,

ybs

ML,

Stick your butt out the window the next time you fart! They really, really stink!

Your blown away roommate

PS I'll get you a concrete

Joz,

Thanks for all your help! You are the best grandma ever!! I really miss ya!

Zlam,

Ylls

Jarrett,

Don't ever stop smiling cuz my sun stops shining!

Your buddy

ZTA loves Julie O. and Julie D.

Julie-O,

I'm so happy you are a ZETA! You are the coolest!

Zlam,

Noe

See Classifieds, pg. 14

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Classifieds

from page 13

ey Gang, You know who you are! You're awesome! at's party agoon soon! Noc & Michelle	Leslie, Don't forget October 13th! That was a way cool day! We'll have to work on it a little harder though! Zeta Love, Dyan	Dyan R., I'm krazy enough to say I'm in love (or write this personal), but too shy to say hi. KK	Mike, On all those cold November nights.....Just think of those warm, summer afternoons spent at the fourth floor copying machine. Bermuda Triangle	Chris M. When are you going to wear a suit and tie to the game? The volley ball team
anne, Are you sure you aren't an international adent?? Zlam, Noc	CJ, (alias Ms. Cutsey) You are such a fun person. I was really psy- ched to go to last night and we had such a totally WAY COOL time. It was major league AWESOME and we have to do it again soon. You are the mega-coolest roomie????!!!!!! You know who	Hey Bauer! Who are all of these people sending you per- sonals? KK	KA, Get psyched for a wild grafitti party We are!! Chi-O	Tavish, When are we going to shoot some pool again? Flem
S I live at ZTA to the house, Nice birth control glasses! Who gets to wear nem in the next picture? Just wondering	Jackye, Why don't you come exchange with Noc & I? Z-love Mich	Jackye, When are we going to go out and party like we did last year all of the time? I'm sure we can find someone to play asshole with us. Zlam, Your roomie,	Sigma Pi, Thanks for the TGIF, Let's party again soon. Chi-O	John E. Want to play some handball? K
Jennifer & Jackye, Is is steamboat or Vail? Noc, What is that smell? Hee	Zeta loves Sig Nu! Happy Halloween Tommy! Your little sis loves you! Phil, sorry about your head! How's it doin' now? Just be glad I don't hurt you as much as myself! Zeta Love	Lucinda and Jackye, You guys are the best roommates and friends! Thanks for always listening to may many stories and problems! Zlam, Anne	Robin R. Hey, guess what—you've finally gotten a personal! Aren't you happy? By the way, you are a great big sis! Lico, YLS	ED, My date is too short, but you are not! Smooch
Sig Nu, Get psyched for Dots, Dudes, and Dames! Zeta	We love Pigsex! You guys are the coolest! 2 of your favorite Zetas	Dyan & Leslie, Let's go pre-party at Kappa Sig again! Maybe we can listen to "come sail a whale " again too. Zlam, Anne	Frankie, I'd come up to talk to you if you were ever there. Should I make an appointment or what? Lico, Noelle	Ray, Where did you get that silly string? Hope I didn't get you in trouble. YBS
Anne, Which one will it be?	S, Inhale, exhale. Ok, Let's do another eight for me. Or should we use the cans of peass? What a workout! Let's do it moer often! D	Dyan, Why did you ever let me like a freshmen? But he is so cute! Noc, Soare you from the Middle East?? I am from St. Louis! Zlam, Anne	Deanna, Nice "rippable" pants! Where do you shop— K Mart? Lico, N	Jill S. We will get you again, when you least expect it. Zlam, The first floor
Karla, You're the best big sis! We will have to go out more often. (After studying, of course.) Love ya! Zlam, YLS	The "ZTA Annex" is the coolest!	Ryan and Mike at Sig Nu, You guys are great little brothers! Come visit me sometime, it's only across the street. Love, YBS	Men are Pigs: Pigs are men!	Angle, You are a great new addition to our family. Zlam, YBBBS
M. Brown, Hi, little brother. YBS loves you!	Susan, Don't walk around dark corners! Those wicked townies from hell might be lurking in their trucks! Zlam, Dyan	Lissy, I love my grand-daughter! Come see me sometime. Zlam, Granny	April, Remember "I'm locked in the bathroom!" and "Hey there's Billy Idol! We will have to go out on a foursome more often. Turtle.	Jennifer, "I will not talk to him again! I mean it!" Jodi, Yes! Both trees have done it!!! S & B
Zeta Tau Awesome!	We love our Zeta Alums!	Lissy, Keep up your awesome grades! You're defi- nitely the smartes one in our family. Zlam, ybs and ybbs	John, Will you please shave my head? (Because all of my friends are bald!) Woody, Sorry about your other eyebrow.....did it get caught in your visor? Bermuda Triangle	Becky, If food was meant to be airborne, God would have given it wings! J & S
Sus, Avez-vous vu ton freie recement? Zlam	Zetas Love Kapp Sig.	Zeta love partying with Kappa Sig! Thanks for the TGIF.	George, (Jorg) se also Scott F. Remember at your extreme age 9/10 will slap you.....hang in there for #10, buddy. Bermuda Triangle.	S, Thanks so much for singing to me when I felt bad. You are the greatest. SS
Ette, How did you get that name? Dan	Anne, Here is your personal. What a surprise, Huh? Zlam, Dyan	Noe, Don't you just love it when "accidents" hap- pen? I do! Zlam, Anne	Today's special! Sandy, ala flambe' courtesy of our fumace (and yeas the clothes are still dry— a little scorched, but still dry!) J & B	Cutsey, He looks good; he smells good, he sings good; he does dishes; is there anything he doesn't do good? I know he eats alot, but I guess that means he even does that right. Mildly envious
Happy Halloween Regina! (AKA) Love, Your secret pal	Jill, It was the shirt!! Zlam, Aim	Errik, Let's go out to eat again sometime. This time my treat. Thanks for heaping with all my stuff. Love ya, D	To the Men of Pi Kappa Alpha, You dudes are awesome! A loyal little sister	Buffy, Careful next time you are trashed. Remem- ber how to stand!
Cathy, Shopping was fun! Let's do it again some- time. Zlam, Dyan	Erik, Let's go out to eat again sometime. This time my treat. Thanks for heaping with all my stuff. Love ya, D	Unenlightened	Jenni, Michelle, Laura and Jill, You are way cool! Zeta love, the Matriarch	Lanie, I love my big sis! Lico, YLS
			Little Eddie is that you?	Kristi, I love my adopted big sis too! Lico, YALS

Placement

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PERMANENT EMPLOYMENT

FALL WEEKLY DETAIL LIST #11 Additions --

SIGNUP LOCATION: G-3 Buehler Building
SIGNUP HOURS: 7:45 to 11:15 a.m.
1:00 to 4:15 p.m.

CRAWFORD, MURPHY & TILLY CO.
2750 W. Washington St.
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NUMBER OF SCHEDULES: 1
MAJORS: BS/CE, EE or Environmental Engineer
POSITIONS: Descriptions are not available at this time.
LOCATION: Springfield or Aurora, IL; St. Louis
DECEMBER 1990 GRADS

DEADLINE FOR TURNING IN RESUMES: Thursday, November 1
INTERVIEW DATE: November 13, 1990

NOTICE: At the present time, this is the last company to schedule interviews this semester. Please watch placement office and department bulletin boards for any additions.

DECEMBER 1990 GRADS, PLEASE TURN IN ALL JOB OFFERS AND ACCEPTANCES TO THE PLACEMENT OFFICE. THIS INFORMATION IS VITAL TO OUR STATISTICS. ALL INFORMATION IS CONFIDENTIAL.

MAY 1991 GRADS, REMEMBER TO RE-REGISTER WITH THE PLACEMENT OFFICE FOR THE WINTER 1991 SEMESTER. FORMS ARE AVAILABLE ON THE SECOND FLOOR, PLACEMENT OFFICE, 201 BUEHLER BUILDING. COMPANIES WILL BEGIN INTERVIEWING ON FEBRUARY 6, 1991.

IBM CORPORATION CO-OP INTERVIEWS, NOVEMBER, 1990

IBM WILL HOLD AN INFORMAL INFORMATION AND SIGNUP DAY ON WEDNESDAY, NOVEMBER 7, 1990, IN THE CENTENNIAL HALL, UNIVERSITY CENTER-EAST. HOURS WILL BE FROM 12:00 - 5:00 PM. (STOP BY ANYTIME) STUDENTS INTERESTED IN CO-OPING WITH THE IBM CORPORATION ARE INVITED. ACTUAL INTERVIEW DATE WILL BE ON THURSDAY, NOVEMBER 8, 1990.

DISCIPLINES: CO-OP OPPORTUNITIES INCLUDE BUT ARE NOT LIMITED TO SOFTWARE DEVELOPMENT, TECHNICAL MARKETING AND ENGINEERING.

POSITION(S) & LOCATIONS: REPRESENTATIVES FROM VARIOUS U.S. LOCATIONS WILL CONDUCT AN INFORMAL INFORMATION SESSION ON NOV. 7. STUDENTS INTERESTED IN INTERVIEWING WITH IBM SHOULD ATTEND. DETAILED INFORMATION WILL BE PROVIDED AT A LATER DATE.

ALL STUDENTS MUST HAVE A RESUME AND TRANSCRIPT ON FILE AT THE CO-OP OFFICE BEFORE YOU WILL BE CONSIDERED FOR CO-OP EMPLOYMENT.

YOU MUST SUBMIT (4) COPIES OF YOUR CO-OP RESUME FORM TO IBM ON THE INFORMAL INFORMATION AND SIGNUP DAY, NOV. 7.

Note: IBM will consider U.S. Citizens, Permanent Residents or "Intending Citizens" as defined by the 1986 Immigration Reform and Control Act.

<p>Sheila, Don't forget keep your calendar open. It's only five months.</p> <p>Bruns, Did you say Luke Skywalker was hot? Or maybe the name was Han Solo.</p> <p>Ryan, Forget about taking me to that really expensive place I already bought my own pack of gum.</p> <p>Noelle, Giving up guys? Right!</p> <p>Deanna, Which house was that again? I can't quite place it.</p> <p>Sue S. I have my halloween cup, got your? Let's party! Happy Halloween></p> <p>Crackers, Explain to me again how and earring ended up on the floor by doing nothing?</p> <p>Sheila, Guess who's at the library? You had better come now.</p>	<p>Sheila, Got any patterns picked out yet for the sewing we're goin to do?</p> <p>Erin, Which house is it again that you pay house bills at?</p> <p>Lynda Lou, Congratulations, you lucky girl! We can't believe</p> <p>Lyda Lou, Congratulations, you lucky girl! We can't believe you kept it a secret for so long. We love you (and we envy you,too.)</p> <p>John T. (KA) Get psyched to party with your big sister this weekend! Have you figured out who I am yet?</p> <p>Chris & Marc (KA) You guys are awesome big brothers! (Really, you are!)</p>	<p>Heather, Where are you? I miss you!</p> <p>Jamie F., SMILE!!</p> <p>Susan W., Don't EVER be afraid to tell me anything! You're definitely the coolest. I love ya!</p> <p>Brett, Thanks for running over when I needed you. You helped me out a lot. It was good to have someone to talk to.</p> <p>Love, Your best friend.</p>	<p>Rhonda, I miss you so much! Please keep in touch, I hope things are okay for you.</p> <p>John Flake, You have a wonderful sofa and you make great Kool-Aid, but</p> <p>HEY DUDES!! I have found a new home on a wall on two south come see me HOMEBOYS!!!</p> <p>Bart J. Simpson</p>	<p>AEPI and Sigma Pi Volleyball Team We ARE gonna win soon I know it ... I can feel it in my blood!!!</p> <p>Jim Van Nest, We appreciate your coaching abilities. You are the best!</p> <p>Love, The Volleyball Team of D.O.E.</p> <p>Papa Smurf, Could you say these was mine? Than one moon over Stonehenge last weekend?</p> <p>Davemum</p>
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DATE	Monday, Nov. 5	TIME	10 AM - 3 PM	PLACE	University Center-West (In front of the bookstore)
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