



19 Jan 1984

The Missouri Miner, January, 19, 1984

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MISSOURY MINER

For the students of UMR

Volume 72, Number 15

Thursday, January 19, 1984

Twelve Pages

Curators impose surcharge

BY PAUL McLAUGHLIN

"The Board of Curators approved a surcharge." Seven words surprised, upset, mildly phased the student population of the University of Missouri as it returned for this semester. Some students accuse the University of breaking contract with the people who paid their fees last December. Others merely acquiesce.

The administration says this surcharge was not effort to sneak some money out of student wallets. Rather, it was a scramble to allow for \$3.3 million withholding of appropriations that Governor Bond made.

Thus, on Dec. 20, 1983 at a special meeting, the Board of Curators approved the surcharge as a way of raising some of the lost money. The Board also approved using some emergency money and ordered a general cutting of expenses.

Robert Rahner, assistant director of financial services (the cashier's office), says

there were two surcharges for all students and a third for out-of-state students.

There was an incidental fee surcharge of \$1 per hour (up to 14 hours), and 50¢ was added to the engineering supplemental fee. Non-residents are paying an extra \$2.50 per hour. Thus, someone taking 14 or more hours can expect at least a \$14 surcharge.

It is not known, at this

DUE TO STATE REDUCTION OF APPROPRIATIONS, THE BOARD OF CURATORS ON DEC. 20, 1983 APPROVED A SURCHARGE FOR WINTER SEMESTER 1984.

point, exactly why Governor Bond withheld the money from the University. Speculation is made that this should not have happened in the face of increased state income (estimated at 12 percent). Partial blame has been placed on the desegregation program in St. Louis.

Melvin Carnahan, Missouri state treasurer, says that the "prosperity" is really something of an illusion. He cites an example of one source of state income that shows a marked increase. This increase, he says, is really a temporary boom due

to a change in payment methods. "The budget situation is tighter than we'd like it to be, and it's tighter than it apparently looks," he states.

Neil Smith, vice chancellor of administrative services, says, "The problem we face [is that] we've had really flat state appropriations for some while."

UMR Chancellor Joseph Marchello says that state funding has decreased for four consecutive years. "It's discouraging," he says. "The faculty and staff are already underpaid, and we need more equipment."

To meet the situation, the Board of Curators decided to increase student fees through the surcharge. Neil Smith says this is a one-time increase. This is not enough so two other sources are being tapped: some contingency money and spending cuts.

The Chancellor says that the emergency money is funds that had been set aside in anticipation of such a cutback as this. It had been hoped that this situation



The line forms at the cashier's office to pay semester fees. This semester though, an added surcharge has made this line even bigger.

would not have arisen and that the money could have gone toward improving University libraries and buying equipment elsewhere in the UM system.

Neil Smith states that a total of \$161,100 is coming

from this contingency money. To be specific, \$77,800 is coming from money set aside, and \$83,300 is coming from the Missouri Research Assistance Act.

The spending cutbacks are to total \$102,000, says Smith.

University-wide, campuses are cutting back by \$857,500. He says that each campus was cut basically by percentage. "These costs are pretty

see Surcharge page 12

Quality of education worries professors

Faculty begin to take action

BY PAUL McLAUGHLIN

About 50 UMR faculty members met last Thursday night to continue plans to organize into a force to better the quality of higher education in Missouri.

The director of the meeting, Dr. Carol Ann Smith, stated the group's focus in her opening remarks when she said they were "concerned about the possible degradation of higher education in Missouri."

The meeting itself was the second in what may become three organizational meetings to form an organization of Concerned Faculty. Its goal, at this point, will be to inform the public on the problems of not having a strong public higher education system.

Topics discussed included membership, committee structure, and the style of organization this group

should be.

Membership, it was decided, could include faculty, students, and city people.

The committee structure, which may change as the group further defines itself, was settled as at least seven committees to handle basic administration, public relations with the public and with other similar groups, fact-finding and publicizing, and finance.

The style of organization has not been decided yet. Curt Adams posed a question of whether the group would be a union, a lobby group, a political action committee (or PAC), or simply a public information source. More debate will ensue.

It was agreed that the group of concerned faculty would, as Smith said, "try to create a public awareness."

Del Day read a rough draft of the organization's

purpose which stated:

The purpose of this organization is to encourage and gain support for (quality) higher education in the State of Missouri by providing the citizens of Missouri with information for the economic, cultural, and sociological benefits of higher education, its current status, and future needs.

Possibilities discussed included combinations of working through the legislature, the media, and the public.

The main target, at this point, seems to be raising taxes. One faculty member pointed out that Missouri is "dead last in tax burden" meaning that among the states in the Union, Missouri has potential for paying much more, but is not.

In the meeting, Smith admitted that this group may be a little out of the ordi-

nary. It is unusual for professionals to go public in the way that this association is asking the faculty to go public, but I think we're beginning to realize that not just in our classes but on the university as a whole that the quality of education in Missouri is starting to decline."

The group seems optimistic about the chore they have taken on. Clyde Wade spoke, at one point, saying, "I don't see how we can do anything other than benefit through this education process. My belief is, from what I've read and what I've seen, that we are going to gain by this hundreds of influential allies all throughout the state of Missouri—allies in little towns and places where we need them—and I think we should expect to get a considerable amount of support."

"So many people who don't vote for taxes are

working against the notion where you say, 'I don't want you to take any more of my money.' But when was the last time we saw anybody

promote education for what it is: an investment. Not an expense, but an investment! see Faculty page 12

Electric lab to be dedicated

Source: OPI

Rolla, Mo. —The public is invited to attend dedication ceremonies for the University of Missouri-Rolla's new Emerson Electric machines and Drives Laboratory Friday, Jan. 20, on campus.

Tours and demonstrations of the laboratory will be conducted from 10 to 11 a.m. in Room G-8 of the Electrical Engineering Building and a formal dedication program will be held at 11 a.m. in Room 105 of the Electrical

Engineering Building.

The laboratory features six multi-machine test stations from the Emerson Electric Co. Industrial Controls division. They were purchased through a \$440,000 donation from the Emerson Electric Co. Charitable Trust.

Other companies donating equipment, funding or engineering services for the laboratory are: Daytronics, Digital Equipment Corporation, Furnas Electric Company, Lebow Products, Vertec Associates Inc., and Burns and McDonnell.

CALENDAR OF EVENTS

THURSDAY

Chi Alpha Christian Fellowship

We, the members of Chi Alpha Christian Fellowship, invite you to join us in a time of worship of our Lord Jesus Christ and a time of fellowship with some of His believers here on this campus. We would like to introduce you to our wonderful Saviour. We meet every Thursday evening at 7 p.m. in the Ozark Room, Univ. Center-West (upstairs). We look forward to seeing you there.

Counseling Center

The Counseling Center is offering a special presentation by Ted Richmond of the McDonnell Douglas Corporation on the topic of Personal Presentation Effectiveness Training. The workshop will be held in the Missouri Rm., Univ. Center-East, 2:30-4:00 p.m. on Thurs., Jan. 19. Preregistration is not required.

M-Club Meeting

There will be an M-Club mtg. Thurs., Jan. 19 at 7 p.m. Officers: 6:45. The place is C.E. 114.

MSM Climbing Club

The MSM Climbing Club will meet tonight at 6:30 in Norwood 305. Elections of officers will be held, and activities will be planned for this semester. Anyone interested is encouraged to attend.

UMR Film Series

"M*A*S*H," starring Donald Sutherland, Elliott Gould, Robert Duvall and Gary Burghoff, 7:30 p.m., Miles Aud., Mech. Eng. Bldg. Season ticket or \$2.50 at the door.

FRIDAY

IEEE

Friday, Jan. 20, Larry Keyes from Emerson Electric along with others will dedicate the new Emerson Motor Controls lab. It will be held in the EE Bldg., rm. 105, at 11 a.m. Come help us celebrate our new lab.

MONDAY

Summer and Co-op Opportunities with Procter and Gamble
Representatives from Procter and Gamble Paper Products Division will be sponsoring an informal seminar today at 4:30 p.m., Missouri Rm., University Center-East. Juniors interested in summer engineering opportunities as well as sophomores and juniors interested in coop opportunities are encouraged to attend.

Remmers Special Artist/Lecture Series: Thomas J. Peters

Thomas J. Peters, co-author of the current best seller, "In Search of Excellence," will speak at 8 p.m., Centennial Hall, Univ. Center-East. Admission is by ticket and there is no charge; tickets are available from 8 a.m. to noon and 12:30-4:30 p.m. weekdays in Rm. 217, Univ. Center-West.

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.

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

THE MISSOURI MINER

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

TUESDAY

SAE January meeting: Pontiac Fiero

The UMR Student Branch of the Society of Automotive Engineers is pleased to announce Mr. Tom Kalush of the Pontiac Division of the General Motors Corp. as the speaker for the Jan. mtg. of the society. Mr. Kalush is the administrative engineer for the Fiero Project and his topic will be:

*The Pontiac Fiero
Design Concept to Showroom Floor*

The mtg. will be at 7 p.m., Tues., Jan. 24, in the Mech. Eng. Aud. Everyone is welcome to attend. Memberships will be taken and refreshments will be served.

WEDNESDAY

IEEE

The first IEEE mtg. of the semester will be on Wed., Jan. 25, EE 105. The speaker will be from Union Electric, talking about "The Progress of the Callaway Nuclear Plant." Other topics will include T-shirts and the spring membership drive. It's at 7 p.m. Refreshments will be served following the mtg.

NODAY

Additional loan funds available!

Any student who has a remaining need according to the '83-84 ACT family financial statement and wishes to receive additional loan funds for the Winter '84 semester should contact the Student Financial Aid Office, 106 Parker Hall.

ACT Need Analysis Forms available!

The 1984-85 ACT Need Analysis Forms (Family Financial Statements) for financial aid consideration are available in the hall outside the Student Financial Aid Office, effective immediately.

This form must be completed after Jan. 1, 1984—but before April 30, 1984 (first preference)—for a student to be considered for need-based financial aid for the 1984-85 academic year.

Engineer in Training (EIT)

If you are a student graduating from an accredited engineering curriculum during the spring, summer, or fall, 1984, you are eligible to apply for enrollment as an Engineer in Training. The Fundamentals of Engineering Examination will be given on Sat., April 14, 1984, from 8 a.m. to 5 p.m. at UMR. Applications for enrollment are available in the Civ. Eng. office, Rm. 111 of the Butler-Carlton Civ. Eng. Hall. The application must be completed and, along with a check for \$20, mailed directly to

Missouri Board for Architects,
Professional Engineers and Land Surveyors
P.O. Box 184
Jefferson City, Mo. 65102

Since applications are to be typed, duplicator sample copies are also available in CE 111. Read all application directions carefully. Anyone can witness the applicant's signature.

The deadline for applications to reach Jefferson City is Feb. 29, 1984.

Aerobathon sponsored

BY PAUL McLAUGHLIN

Panhellenic, the governing body of the sororities at UMR, is sponsoring an aerobathon Jan. 28 to raise money for L.O.V.E., the Local Organization for Various Emergencies.

Carol Suit, head of the special events committee in Panhellenic, says, "We'd like to raise as much money as we possibly can."

Anybody can help.

To do so, explains Suit, you collect pledges for minutes of doing aerobics. On the 28th, in Centennial Hall in the University Center, you dance until you decide to quit (to a maximum of four hours).

Refreshments will be served to the aerobacizers

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and there will be prizes from local businesses for the biggest money raisers.

For more information, contact Carol Suit, phone 364-8989.

Fellowship and Scholarship opportunities

1. Phi Kappa Phi Graduate Fellowship Program—\$4,500 is given to fellow-ship winners. Recipients must be members of Phi Kappa Phi Honor Society. Applications are due Feb. 10, 1984.

2. Tulane Law School Regional Scholarships—\$4,000 is given toward tuition and fees during the first year of law study. Awards are renewable for two additional years.

A nominee must: 1) be a graduating senior, 2) with an excellent undergraduate record and LSAT score, 3) have applied for admission to Tulane Law School by Mar. 1, 1984.

UMR applications are due Feb. 10, 1984.

For info see:

Wayne Cogell
Associate Dean, College of Arts & Sciences
G-7 Humanities/Social Sciences
341-4131

UMR Film Series

"Say Amen, Somebody," directed by George Nierenberg, 7:30 p.m., Miles Aud., Mech. Eng. Bldg. Season ticket or \$2.50 at the door.

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StuCo explains surcharge

by Brian Ruhmann

As your probably noticed, the UMR administration had another bill waiting for you when you returned from break. Student Council President Kevin Renfro offered some insight and background information on the situation responsible for the increase.

The problem was first seen by Governor Bond. Last fall, he called a special session of the state legislature to discuss the state bond issue on capital improvements and also to discuss a tax increase to increase state revenue.

Bond feared the state revenue was going to be below expenditures for fiscal year 1984. The solution proposed was a tax increase to provide more revenue or subsequent budget and service cuts.

The special session of the state legislature did not pass a tax increase or release any of the bond funds, except for \$50 million designated for maintenance of existing structures. The legislature did not release the funds designated for the new Mineral Engineering building.

Governor Bond reduced the appropriations to the

UM system by two percent, or \$3,346,942, of which UMR's share is \$397,800. Due to this reduction, the UM Board of Curators met in a special Dec. 20 session. In that session, they decided to compensate for the budget cut by a combination of three methods:

1. Fee Surcharge
2. Reduction of Monetary Reserves
3. Reduction of Expenditures

The fee surcharge produced \$134,700 of revenue.

The fee was based on the number of credit hours the student carried. In-state stu-

dents pay \$1 per hour up to 14 hours. Out-of-state students pay \$2.50 per hour more up to 14 hours. Both pay an addition 50¢ per engineering credit hour.

Approximately \$161,100 was released from reserves. This money is routinely held out of appropriations for emergencies. The use of this money creates no immediate problems, unless the University faces another emergency.

The budget cuts represent \$102,000. The administration cut staff, supportive services, froze hiring and purchasing, and cut telephone services.

This surcharge represents only the tip of the iceberg. President James Olson of the Board of Curators said, "Admittedly, the proposal before you is a band-aid approach, which will only help slow the bleeding of the University during the second semester."

The real problem is the declining support by the state for higher education. President Olson also addressed this larger problem. He said, "The University has struggled

valiantly to keep the erosion of the past four years to a minimum, but our state support has continued to lag. In terms of real dollars, our buying power after inflation, is only about three-quarters what it was in 1980."

Student Council has also recognized the problem of declining support for higher education. It has formed a committee to inform the legislators on the plight of students and to lobby with the legislators on the students' behalf.

Minority

Scholarship deadline extended

Source: OPI

Rolla, Mo. —The deadline for application for University of Missouri-Rolla Minority Engineering Program scholarships has been extended to February 15.

The Minority Engineering Program, designed to increase the number of minority engineering graduates from UMR, offers twenty \$4,500 scholarship packages for the 1984-85 academic year. Applicants must be of American citizenship and belong to one of the ethnic groups now underrepresented in engineering: American Indian, Black American, or Mexican American. Since the Minority Engineering Program began in 1974, almost 300 students have received scholarships to UMR.

Selection of students for the program is based on academic success in high school, interest in engineering, national test scores, recommendations from high school counselors and teachers, and Missouri Mathematics Placement Test scores.

The program begins with a summer session at UMR at no charge to participants. Students live in the residence halls and take special courses at their level of achievement in mathematics, English composition and chemistry.

Graduate teaching assistants and upperclass students tutor those who need help. Special seminars are held with industrial representatives who describe opportunities for minority students in their industries. Also, students meet with chairmen of

UMR's engineering departments who report on the types of work done by UMR graduates from their departments.

On weekends the students, counselors, and tutors plan special activities such as athletic contests, swimming parties, picnics and special trips for participants.

Counseling and tutoring services are available throughout the students' four years at UMR. A limited number of scholarships are available beyond the freshman year.

A Minority Engineering Program application and a copy of the student's high school transcript must be received by the UMR Minority Engineering Program by Feb. 15.

For additional information contact:

Minority Engineering Program

University of Missouri-Rolla
204 Rolla Building
Rolla, Mo. 65401

Or call: Floyd Harris, director (314) 341-4212 or 341-4213.

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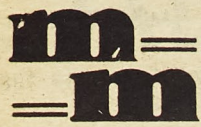
-Year \$1080.00 -Semester \$540.00 -Daily Cost \$4.887

Contact Auxiliary Services at:

212 University Center West or call 4238.



Martin Brose (left), Jefferson City, president of the Mid-Missouri Section of the American Society of Civil Engineers (ASCE), presents a certificate of commendation to Mark Webb, Jefferson City, president of the student chapter of ASCE at the University of Missouri-Rolla. The chapter was commended for its "excellence in the effective and meritorious conduct of its affairs" for 1983. UMR's chapter is one of only a few to receive the award made by the ASCE's National Board of Directors on the basis of chapter activities and service to the community. This is the second consecutive year that the UMR chapter has been honored. One of the chapter's community service projects was design and construction of special playground equipment for the Cerebral Palsy School.



Features

MISSOURI MINER

Thursday, January 19, 1984

Page 4

Hurry up and wait in line

BY
DARREN HAVERSTICK

As we return to school for the coming semester, we are confronted with probably the worst side-effect of democracy: The Line. If ours were a country with military rule, or no rule at all, we would not have to put up with this annoying product of the free world. A policy of "Let the strong survive" would be in effect and instead of waiting, we would merely have to fight and steal for what was ours, hopefully staying alive in the process. No more wasting time and being bored. With anarchy, there would never be a dull moment.

Ancient records show the Line has been around for a long time. However, the evil possibilities of the Line were not explored until the 1600s when a demented mathematician, named Hugo Waite, decided that a line on paper was very useful but rather boring. With this in mind, he created a line of people, which was not very useful and still rather boring. For some unexplained reason,

this idea caught on and by the middle 1800s, everyone in the free world who could stand had stood in a line sometime during his or her life.

Although they continue to be time consuming and bothersome, lines still persist in our society. It has been an unofficial opinion in the psychology world that since lines seem to be going strong, some people must actually like to stand in them. An interesting experiment concerning this was conducted in St. Louis and Kansas City, Missouri.

Psychologists constructed two giant amusement parks, one in each city, that were designed for maximum line size capacity, although most people seem to think they go to amusement parks for the entertainment and rides, these psychologists seem to think it was because of some subconscious urge to stand in a line. As you probably know, this experiment has been very successful. Every summer, thousands of people wait in long lines, in any kind of weather, not to

ride a five-minute ride, but just for the pure pleasure of standing in line. There sure are some sick people in the world, if you think you could be one of those people, I suggest you get some counseling immediately.

UMR, obviously, has more than its share of lines. There's lines to register, lines to drop, lines to pay, and lines to collect. It seems there is a live for everything. Last semester, a friend of mine had to wait in line to throw up. I

don't know about you, but I think that's just a little ridiculous. Some things should be sacred from line makers.

So where does this leave us? Somebody always suggests "Invent something better. Surely someone could

make an improvement over lines." I know a guy who did that once. He died waiting for his turn at the patent office. So I guess we will continue to wait in and be bored by the monster of organized society: The Line.

SUB has full schedule planned

BY JANE SHEPUTIS

As the weekend approaches here in UMR, how many students only look forward to either a party and recovery or just two peaceful days in this rustic community? As a change of pace, though, many entertaining programs have been planned this semester.

The Student Union Board and the University's Applied Arts Department are already distributing the schedules of when the programs they have developed for the students will be held.

The Campus Performing Arts Series will again be sponsoring performances by

internationally famous talents like the Musici di Roma, one of the world's finest chamber orchestras which will be playing here April 2.

The Student Union Board publicity committee gave out folders that had SUB's entertainment schedule listed on them around campus and in the dormitories last Friday. These thin folders probably will not last a semester's wear for most, but by then most people will decide which of the current movies, speakers, or concerts are the ones they want to go to.

"We sponsor enough events, I don't have the time to see everyone I'd like to," says one SUB committee

member. The only thing she thinks SUB needs more of is "student input."

"Every student has to pay incidental fees," she says. It would be better "to hear from the whole student body rather than just the few who sign up [for committee work]."

Particularly foreign student organizations, she

thinks, could pool their knowledge and money to bring in a greater variety of productions.

If you would like to see a particular act or if you have

see SUB
page 6

Cohen authors book

BY PHYLLIS J. HARSTER

Have you ever wondered how towns like Racht, Peculiar, or Barely Do, Missouri got their names? Gerald Cohen, associate professor of Russian and German at UMR, has undertaken such a study.

In *Interesting Missouri Place Names, Volume I*, Cohen studies the origins of about 20 place names. Information is being collected for Volume II of a proposed series. He plans to publish an additional place-name volume about every three years "as long as I keep going and as long as people keep sending information." He also uses material compiled by the late Robert Ramsey, an English professor at UMR. Ramsey oversaw the compilation of index cards bearing the names of 35,000 places in Missouri. He died in 1953 before he could publish the work though. Cohen said Ramsey's work is considered the "Bible" of name places.

Here is how *Interesting Name Places* relates the history of several towns:

Racht in Benton County was named because of the constant squabbling of the

local storekeeper and his wife.

Peculiar in Cass County got its name when the first postmaster had submitted several names to Washington, D.C., but they were all turned down because there were already post offices by those names in the state. When he submitted another list, he wrote that if those names were unacceptable, Washington should, itself, select some "peculiar," that

is distinctive, name. That is precisely what some Washington official did.

Barely Do in St. Frances County allegedly was named because "the people there are so poor that they barely do get along."

Cohen said the usual explanation of how Rolla got its name is that George Coppedge wanted to name the town after his home of Raleigh, N.C. Edward Bishop, however, objected

to a southern name, and a compromise was reached by using its phonetic spelling. But the problem with that explanation is that genealogical records indicate that Coppedge was from Kentucky not North Carolina. Another factor which might have been involved was that there was the already existing name Rolla, given to a swashbuckling hero in Sheridan's popular play of the time, Pizarro.

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Birthright

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Summer and Coop Opportunities with Procter and Gamble
Representatives from Procter and Gamble Paper Products Division will be sponsoring an informal seminar Jan. 23 at 4:30 p.m., Missouri Rm., University Center. Juniors interested in summer engineering opportunities as well as sophomores and juniors interested in coop opportunities are encouraged to attend. Interested students are also encouraged to submit a resume to the second floor of the Buehler Bldg., Rm. 201 no later than 3 p.m. on Friday, Jan. 20.

Needed in the Department of Metallurgical Engineering's Generic Mineral Technology Center for Pyrometallurgy. Will assist researchers to fabricate, construct, set up, operate, and maintain sophisticated instrumentation and equipment for high temperature research. A bachelor's degree in materials science, metallurgical engineering, chemistry, chemical engineering, or a closely related area, or an equivalent combination of education and experience from which comparable knowledge and abilities can be acquired is necessary. Six months to one year of professional, directly related experience is required. Working knowledge of at least two of the following areas: computer science, electronics, basic metalworking, instrumental chemical analysis, drafting, or glassblowing, is desirable. Excellent fringe benefits, including educational assistance. Application deadline: February 14, 1984. For application forms, contact: Personnel Services, G-1 Parker Hall, University of Missouri-Rolla, Rolla, MO 65401, or call (314) 341-4241. UMR is an Affirmative Action/Equal Opportunity Employer.

To whoever stole the weights from the gym--Please consider returning them. Because of the theft, the gym (weight room) is now only open for two hours a day during the week, and not at all on the weekend. How is everyone supposed to work out in two hours??? Come on, give us a break!!! Return the weights so everyone can use them.

Signed,
In Shape & Like to Stay That Way

EIT (Engineering-in-Training) applications are now available in Room III of the Civil Engineering Building. Deadline for their return to Jefferson City is February 29, 1984. Test date is April 14, 1984.

For Sale: Left-handed softball glove. Never been used. Originally \$30.00 but will sell for twenty (\$20.00). For more information call Whimpy at 341-2671.

The College Bowling League is accepting new members for the second semester. The league is open to all UMR students and student spouses. No skill is required--it is a handicap league. There are plenty of openings for individuals as well as full 5-person teams. The league meets Monday evenings from 9:00-12:00 at Colonial Lanes. Please call Randy at 364-2646 to reserve a spot or for more information.

The Student Union Board welcomes everyone back for another successful semester. To start off 1984 SUB will present the hit comedy movie "Mr. Mom". Show times are at 6:30 and 9:00 pm on Friday, January 20 in Centennial Hall. Some other movies plan for later in the semester are "Risky Business", "Tootsie", and "Octopussy" to name a few. Mid semester SUB will present a Clint Eastwood tribute with three of his best movies.

For those of you interested in live entertainment SUB has a great semester planned for you. Al James, Hypnotist, will be returning for a command performance. Hot Shandy, a comedy duo, will perform, also the Alpha Omega Players will be performing in the theatrical play "6 Rms. Riv Vu". Star Trek's, Gene Roddenberry will be featured in late February. Be expecting to see a magician, a jazz and chamber musicians.

A new tournament to look forward to on the outdoor level is Mud Volley Ball. Right now it is scheduled for mid April.

Another semester at UMR and still no repairs have been made to the courtyard in front of the Library!

UMR can build a halfsize Stonehenge and manage to move all those massive blocks of stone, but a few five pound bricks can not even be carried to the courtyard and dropped into the holes that exist.

One brick is missing very close to the front door entrance and numerous bricks are missing throughout the courtyard. Thousands of people walk through this area on weekdays and weekends. I have seen many people trip and fall as a result of the missing bricks in the courtyard. It is surprising that no one has filed a lawsuit for a broken ankle, etc., as a result of this dangerous condition that has existed semester after semester!

The UMR Target Pistol Club will begin their regular weekly meetings on Thursday, January 19. Meetings are held every Thursday of regular school weeks at 6:30 p.m. in the UMR Rifle Range (Basement ROTC-T2). Pistols and targets are provided, and ammunition is available. New members are welcome anytime!

WANTED: A second advisor is being sought for the UMR Target Pistol Club. Any faculty or staff member of UMR is eligible. Anyone interested can contact Mark Bauer (Pres. UMRTPC) at 364-3747 or come to any of our regular weekly meetings held at 6:30 p.m. every Thursday in the UMR Rifle Range.

To the Citizens of the United States of America,

Sell all your stock invested in alcohol products. It has come to the attention of this investigative council that Clint C., alias Chuck M., has gone on the wagon and that it is only a matter of time until the alcohol industry folds under due to a 68.3% drop in market revenue. It is also suggested that you reinvest your money in the chewing tobacco industry.

The Federal Revenue Council

Jim,

Congratulations on a successful completion of three years of driving without a conviction of a driving offense. May your accident record take note.

The Missouri State Highway Department

Female roommate wanted to share two bedroom apartment, \$95.00 per month with low utilities. Call 364-6063.

I am missing about 75 cinderblocks. If anybody knows where they are let me know. They were taken finals week.

Sincerely,
T. J. Tube

To the Lady Members of TEC.

We appreciate your presence this semester as always. We also apologize for those RARE occasions when we make you blush.

P.S. That includes you, Curly.

Who Else

SPEAKERS. 30W, almost new, Parallax. Perfect condition. Will play for you. Pair \$90 or best offer. Doug--364-3124.

CAMERA--35mm SLR w. 3 lenses and accessories. Cheap, must sell. Rick--364-3124.

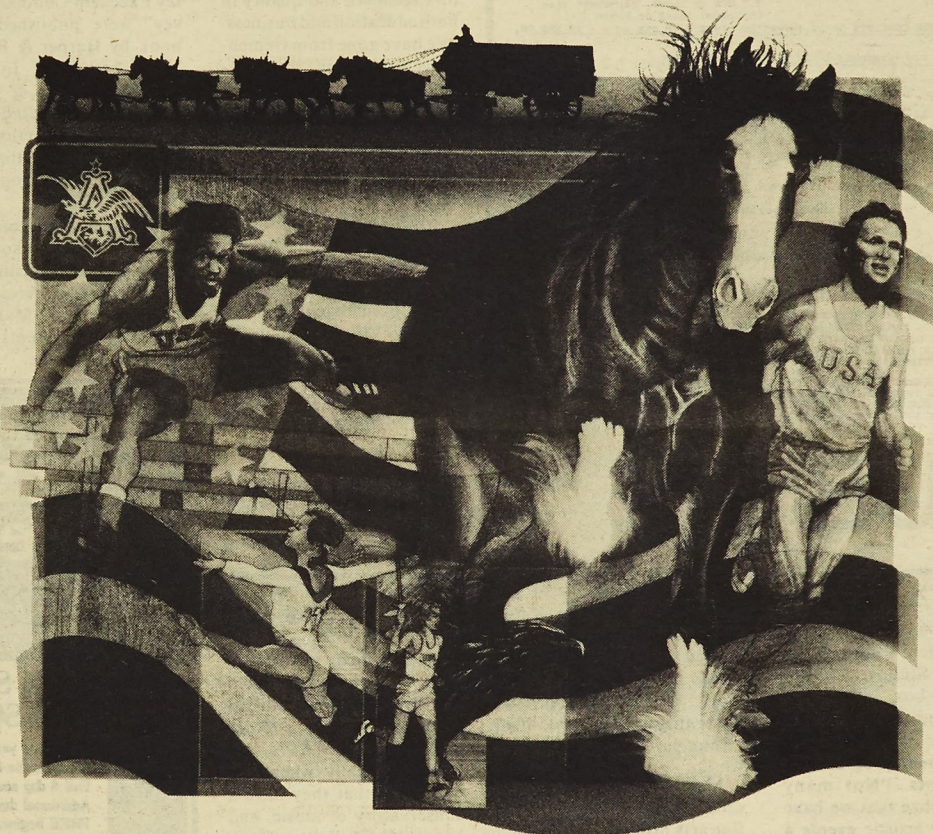
FOR SALE: sleeper sofa with Serta mattress in good condition, call 364-6303.

NEEDED: Female to share apartment for Spring '84 semester. Own room. Call 341-2483.

Female roommate wanted to share a two bedroom apartment. If interested call Ann or Linda at 341-3545 or 364-7793.

FOR SALE: '81 GS750L Suzuki. In very good condition with less than 11,000 miles--garage kept. Cruise control, sissybar (padded) and cover. Asking \$1900.00. Phone Number 314-336-4641.

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That's our philosophy at Anheuser-Busch, and that's the opportunity we're offering you in terms of a meaningful and rewarding career to look forward to. Bringing out the best in our people demands creative management, well-defined career objectives, reasons to succeed, and tangible rewards for doing so. Some call it winning. We call it tradition. If you'd like the opportunity to bring out your best, consider the following fast track challenges.

B.S.M.E. - CENTRAL ENGINEERING
If you're on your way to a B.S.M.E. degree, we'll provide you with the opportunity to advance in such diverse fields as material handling, equipment layout, piping system development, steam generation, compressed air systems, ventilation, heating and air conditioning, and high speed bottle and can packaging.

B.S.E.E. - CENTRAL ENGINEERING
Individuals graduating with a B.S.E.E. degree can expect involvement in such areas as electrical machine design and application, power distribution, substation layout along with industrial and commercial lighting, electrical control circuits and systems control.

Both of these CENTRAL ENGINEERING opportunities are project-oriented, and present the challenge of taking the project from conception through completion.

HOW TO BRING OUT YOUR BEST
Anheuser-Busch representatives will be interviewing on campus.

Wednesday, February 1, 1984

To reserve your personal interview time, sign up at the campus Placement Office. We'll take you further. Faster.



ANHEUSER-BUSCH COMPANIES
St. Louis, Missouri

An Equal Opportunity Employer M/F

"1984" lecture next Monday

ROLLA, Mo.—University of Missouri-Rolla Chancellor Joseph M. Marchello says that excellence is the thrust of the '80s and that the Jan. 23 Remmers Lecture on campus will highlight ways of achieving quality.

"When the UMR Remmers Artist/Lecture Committee looked for a special presentation for a '1984' Remmers Lecture, members came up with an author

whose ideas were dramatically different from those predicted in the book '1984' by author George Orwell," Marchello said.

Thomas J. Peters, the 1984 Remmers Lecturer, is co-author of the best-seller, "In Search of Excellence: Lessons from America's Best-Run Companies," a book which is "a testimonial to the success of the American system," according to Marchello.

In "1984," Orwell made our predictions about what high technology and a socialist form of government would do by 1984. "It is now 1984, and we have found that free enterprise and technology work very well together," Marchello said. "This is exemplified in the success of the excellent companies studied in the book."

Marchello said that "In Search of Excellence" is timely in terms of guiding business and higher education in meeting international competition.

"There is no question that the thrust of the '80s will be on excellence and quality in both education and business. We have gone from tremendous growth in the post-sputnik era to the recent pressures of limited economic resources. It is time for higher education to focus once again on excellence," he added.

Marchello pointed out that, in a sense, Peters' appearance is parallel to the Remmers Lecture visit of Louis Rukeyser, business journalist two years ago. "Rukeyser's financial advice is becoming even more widely followed than it was in 1982," he said. "Peters has been in the national and

international limelight since his book became a best-seller. I am confident that his audience will grow even more in the future, and we in Rolla will have had the opportunity to hear a rising star in the management area just as we did in the financial area two years ago."

"In Search of Excellence," co-authored by Peters and Robert Waterman Jr., grew out of research on successful American and European companies done by the two as principles in McKinsey and Company, a management consulting firm. The findings of their study for "The McKinsey Excellent Company Survey" were published as a book by Harper & Row in November 1982. In April 1983 "In Search of Excellence" became number one on national non-fiction best-seller lists. More than one million hardback copies are in print.

"I think everyone concerned with managing personal affairs—as well as business affairs—will be interested in hearing Peters," Marchello said. "He presents good ideas for everyone."

"Peters says that his advice is really just 'common sense,'" Marchello added. "It is very much people-oriented. He continually stresses the importance of such things as concern for employees and customers, enthusiasm on the part of the individual for the place of employment, receptiveness on the part of management to employees' ideas, and a system of recognition."

"It works," he said.

Peters' lecture will be at 8 p.m. Monday, Jan. 23, in Centennial Hall, University Center-East. Free tickets may be picked up in Room 217, University Center-West during regular business hours (8 a.m.-noon and 12:30-4:30 p.m.).

This lecture is the sixth presentation of the Remmers Special Lecture/Artist Series established by UMR alumnus Walter Remmers and his wife, Miriam.



Thomas J. Peters, co-author of "In Search of Excellence: Lessons From America's Best-Run Companies" will be at UMR next Monday as part of the Remmers Lecture Series.

Co-op

from page 8

TUESDAY, FEBRUARY 21, 1984

Location:
Interviewing:
Requirements:

THE CHEVRON COMPANIES (STANDARD OIL)
San Francisco, California
Ch. E., E.E., M.E.
3.3 GPA or above, Permanent Visa,
Sophomore level or above

*ONE SCHEDULE CONSISTS OF 12 INTERVIEW TIMES 6 IN THE AM - 6 IN THE PM.

SIGN-UP FOR MCDONNELL DOUGLAS CO-OP INTERVIEWS

WHEN: MONDAY, January 30, 1984

WHERE: LOBBY AREA OF UNIVERSITY CENTER - WEST

TIMES: FOR MORNING SIGN-UPS -- 8:30 a.m. - 10:30 a.m.
FOR AFTERNOON SIGN-UPS -- 1:30 p.m. - 3:00 p.m.

INTERVIEWING: A.E., C.Sc., E.E., M.E., Eng. Mgmt.

REQUIREMENTS: 2.8 GPA or above, American Citizenship.

THE ACTUAL INTERVIEW DATE WILL BE FEBRUARY 22 AND FEBRUARY 23.

MCDONNELL DOUGLAS HAS REQUESTED THAT WE FURNISH THEM WITH 72 RESUMES FOR PRE-SCREENING. AFTER PRE-SCREENING, MCDONNELL DOUGLAS WILL CORRESPOND WITH YOU INDICATING IF THEY ARE INTERESTED IN INTERVIEWING YOU. INSTRUCTIONS FOR THE ACTUAL INTERVIEW SIGN-UP WILL BE ISSUED IN THIS LETTER.

MCDONNELL DOUGLAS CORPORATION IN ST. LOUIS WILL ALSO BE INTERVIEWING ENGINEERING MANAGEMENT MAJORS. PLEASE SIGN UP ON MONDAY, JANUARY 30, 1984 IN THE LOBBY AREA OF UNIVERSITY CENTER-WEST.

SUB

from page 4

a suggestion for SUB, you can have it printed in the Miner, tell someone involved in the Student Union, or put it in the Student Council suggestion box.

Apparently, this college presents a fair selection of entertainment programs to its students. "Not many people realize that we have about 100 artistic events a year on campus," says Dr. David Oakley, chairman of the Music Department.

According to him, the quality and quantity of UMR's artistic productions are at the very least average for a campus this size and that "already a lot of money is being spent on the arts."

Dr. Oakley still feels that those responsible for campus productions are understaffed and that "attendance could be improved." He would like to see students "identify art as a viable and strong part" of Rolla.

Most students, however, do not seem interested in the fine arts programs at UMR.

Chem. E junior Christy Vatterot says, "I would like to see those events like the flutist that's coming, but I'm busy, and they [the productions] are my least priority."

Comp Sci sophomore Jay Krull does not see everything he would like, to because

"one thing or another happens, or I forget until it's too late."

Those who do go to cultural events, however, seem gratified. "Rolla's Madrigal Dinners were three times better than UMKC's last year. Especially when you remember that they have a conservatory of music, and here at UMR all they offer is a minor in music," says Chemistry major Jay Eimor.

Cathy McNeely, a former member of the Collegium Musicum, the featured group in the dinner production says, "We had them beat in both experience and spirit."

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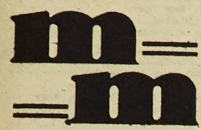
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Comments

MISSOURI MINER

Thursday, January 19, 1984

Page 7

Expose Islamic Republic regime

Four and a half years have passed since the February uprising of 1979 which brought down the Shah and forced open the doors of political prisons. At the time when the people were invading and overrunning the prison grounds to welcome and free tens of thousands of their sons and daughters, they were hoping to be closing down political prisons forever. They were sacrificing their lives to be, once and for all, burying torture, assault, and repression. Many, with tears in their eyes, would be hearing horror stories about the Shah's torture chambers as they envisioned building a society in which no one would be arrested, bodily harmed, or executed for speaking in support of the oppressed.

As months went by, however, the government of the Islamic Republic, fearful of the gains of the revolution, started re-instituting the same vicious practices, greatly accelerating the trend after June, 1981. As the regime increasingly lost its mass base, it turned further and further to suppression of workers, peasants, students, and revolutionaries.

Today, Iranian prisons are filled with over 60,000 prisoners of conscience, as Amnesty International calls them. The conditions of the prisoners are a disgrace to the human race. Individuals are arrested without cause and are denied the right to defense attorneys. In most cases, no trials are held. Some are immediately executed upon arrest.

Cells are packed beyond capacity. In some cases, up to twelve people sleep in solitary cells, and prisoners are sometimes kept in the halls.

As a prisoner once reported, there are approximately nine restrooms for each 300 people, and they have to line up to use the restrooms. To use the bath, each person is allowed five minutes to wash up. Diseases such as tuberculosis, typhus, and many types of fungi plague the prisoners, and the prisons are infected with lice.

Physical and psychological torture of prisoners for the purpose of interrogation or intimidation is common practice. Amnesty International reports of torture chambers in Tehran's Evin prison, "the ironing room" in which prisoners are tied to

a bed while the torturers burn their backs, buttocks, and the soles of their feet with an iron or with cigarettes.

Flogging with electrical cables, electric shock, hanging by the wrists, rape, and the cutting of the limbs display the extent of the barbarity of the Regime of the Islamic Republic.

The brutal acts of the regime's mercenaries do not stop even at execution time. As reported many times before by Iranian revolutionary organizations and recently by the International Federation of Human Rights and the London Sunday Times, many individuals are subjected to bloodletting before execution. Many die due to the loss of blood; the rest are immediately executed. The corpses, particularly those

of the marxist prisoners, are mostly buried in unnamed graves and, many times, the relatives are not even informed of the execution. Those visiting their graves are oftentimes harassed, stoned, and chased away by the Guards.

Ironically, despite public outcry and objections by international human rights agencies, the government of the Islamic Republic, unable to resolve the political and economic problems of the society, continues its vicious practices against political prisoners. Due to interna-

tional pressure and fearful of the people, it has now resorted to secret executions of prisoners. We say these practices must be stopped. The crimes of the Islamic regime must be exposed everywhere. The entire world's public opinion must be mobilized against these crimes. This is the outcry of tens of thousands of innocent men, women, and children from the dungeons of the Islamic Republic. We should all respond to it.

UMR Iranians

Placement

Permanent

Campus interviewing for week of February 6-10, 1984

Signups are located in the basement of the Buehler Building, 9th & Rolla Streets, (use door on the southeast corner). Signups for morning interviews: 8:30-11:00 a.m.; signups for afternoon interviews: 1:00-3:30 p.m. ONLY.

NOTE: One (1) schedule consists of approx. 14 interviews (depending on beginning and ending times of schedules). A morning signup can have as many as 8 interviews; an afternoon signup can have as many as 6 interviews per schedule, or interviewer.

Graduates previous to May 1984 may sign on back-up list ONLY, unless otherwise stated in weekly detail sheet. JULY 1984 GRADS may sign on back-up list for schedules requesting May 1984 grads only.

MORSE INDUSTRIAL PRODUCTS, Ithaca, NY
Will interview MAY 1984 GRADS ONLY with BS/Engineering Management, Mechanical Engineering for Technical Sales. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED BY COMPANY.
Location: nationwide
Interviewer: Mr. William Stewart
Interview date: February 6, 1984
Number of schedules: 1
Priority signup: January 20, 1984
Regular signup: January 23, 1984

MORFOLK SOUTHERN CORPORATION, Roanoke, VA
Will interview MAY 1984 GRADS ONLY with BS in Electrical, Mechanical Engineering for Management Training Program - approx. dur. 12 mos., then field management supervisor. U.S. CITIZENSHIP REQUIRED.
Location: NW-SR Sys.
Interviewer: unknown
Interview date: February 6, 1984
Number of schedules: 1
Priority signup: January 20, 1984
Regular signup: January 23, 1984

NOTE: MAY, JULY 1984 GRADS with BS/Civil Engineering; JULY 1984 GRADS with BS/Electrical, Mechanical Engineering may sign on back-up list. These areas will be called in the event the schedule does not fill.

NAVAL AVIONICS CENTER, Indianapolis, IN
Will interview DECEMBER 1983, MAY, JULY 1984 GRADS with BS/MS/Electrical Engineering ONLY for design, appl. research, mfg. tech., test & tech. evaluation, systems engr., communications system microwave, contract monitoring. U.S. CITIZENSHIP REQUIRED.
Location: Indianapolis, IN
Interviewer: unknown
Interview date: February 6, 1984
Number of schedules: 1
Priority signup: January 20, 1984
Regular signup: January 23, 1984
*Schedule date originally Feb. 7

HEWLETT PACKARD COMPANY, Corvallis, OR
Will interview MAY, JULY 1984 GRADS ONLY - schedules are listed below:

SCHEDULE #1 - BS/MS/PhD in Electrical Engineering, Computer Science for: Design, Production, Marketing - digital hardware and/or software; analog; integrated circuit. Location: Calif., Oregon, Wash., Colo., Idaho, Penn., N.J., Mass., plus many field offices.
Interviewer: Bob Livengood

SCHEDULE #2 - BS/MS/PhD in Mechanical Engineering for Design, Production, Manufacturing, Marketing, Sales. Location: Idaho, Calif., Colo., Oregon, Wash., Mass., N.J., Penn.
Interviewer: Dave Prouty

SCHEDULE #3 - BS/MS/PhD in Electrical Engineering, Computer Science for: Field Sales, Systems Engr., Customer Engr., Marketing, Design, Production. Location: Field offices in most large cities.
Interviewer: Rick Bryne

SCHEDULE #4 - BS/MS/PhD in Electrical Engineering for: Design, Production, Marketing, Sales Engineers - hardware, integrated circuits.
Location: Calif., Colo., Wash., Oregon, Idaho, Mass., N.J., Penn., many sales offices.
Interviewer: Ron Riedel

U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED ON ALL HEWLETT PACKARD SCHEDULES. STUDENTS ARE REQUESTED TO SIGN ON ONE SCHEDULE ONLY.
Interview date: February 7, 1984
Priority signup: January 23, 1984
Regular signup: January 24, 1984

HEWLETT PACKARD WILL HOST A CAMPUS RECRUITING GROUP MEETING ON MONDAY, FEB. 6, 1984, IN THE MECHANICAL ENGINEERING AUDITORIUM, 5:30 P.M. This will be a chance to meet the recruiters, find out about hp opportunities, discuss the interview procedures and is open to anyone interested in employment with any Hewlett Packard division.

AMERICAN ROCHSTER CORP., Somerville, NJ
Will interview on February 10, 1984. Details are not available at this time.
Priority signup: January 25, 1984
Regular signup: January 27, 1984

NORTHERN TELECOM, INC., Richardson, TX
Will interview on February 7, 1984. Information is not available at this time.
Priority signup: January 23, 1984
Regular signup: January 24, 1984

PROCTER & GAMBLE MANUFACTURING COMPANY, Cincinnati, OH
Will interview MAY, JULY 1984 GRADS ONLY with BS/MS/Chemical Engineering for Process Development, Products Research, Technical Packaging for R&D Product Development. MUST BE U.S. CITIZEN OR HOLD PERMANENT IMMIGRANT VISA.
Location: Cincinnati, OH
Interviewer: A.R. Spector
Interview date: February 7, 1984
Number of schedules: 1
Priority signup: January 23, 1984
Regular signup: January 24, 1984

GENERAL MOTORS CORPORATION, Detroit, MI
Will interview MAY, JULY 1984 GRADS ONLY with BS/MS/PhD in Mechanical Engineering, Engineering Mechanics, Electrical Engineering, Computer Science, Metallurgical, Ceramic Engineering, Engineering Management, Chemistry, Chemical Engineering for Product Eng., Production Eng., Industrial Eng., Production Supv. Reliability, Q.C., Data Processing & Sales. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED.
Location: various - 2.8 GPA REQUIRED ON ALL GENERAL MOTORS SCHEDULES
Interviewers: unknown
Interview dates: February 7-8; call backs: Feb. 9, 1984
Number of schedules: February 7
1 - Mechanical Eng./Engineering Mechanics
1 - Electrical Engineering
1 - Computer Science
1 - Metallurgy/Ceramic Engineering: 9 openings
Met. Engr.; 3 openings for Cer. Engr.

February 8
1 - Mechanical/Engineering Mechanics
1 - Electrical Engineering
1 - Engineering Management
1 - Chemical Engineering/Chemistry
Priority signup: January 23, 1984
Regular signup: January 24, 1984

PEACE CORPS, Kansas City, KS
Will interview MAY, JULY 1984, DECEMBER 1983 GRADS with BS/MS/PhD in all majors. Volunteers receive a monthly living allowance, transportation, language training. Most openings are for Civil Eng., but all majors are acceptable. U.S. CITIZENS ONLY.
Location: overseas
Interviewer: Tom Lassiter
Interview date: February 7, 1984
Number of schedules: 1
Priority signup: January 23, 1984
Regular signup: January 24, 1984

BLACK & VEATCH ENGINEERS-ARCHITECTS, Kansas City, KS
Will interview MAY, JULY 1984 GRADS ONLY with BS/MS/Electrical Engineering, Computer Science, Mechanical, Chemical, and Civil Engineering for Design Engineers - Architects (see Careers Notebook in Placement Center Library for more details). U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED BY COMPANY.
Location: Kansas City, MO or Overland Park, KS
Interviewers: unknown
Interview date: February 8, 1984
Number of schedules: 1 - EE/Comp Sci
1 - ME/ChE
1 - CE
Priority signup: January 24, 1984
Regular signup: January 25, 1984

EDWIN COOPER, INC., Saugee, IL
Will interview MAY 1984 GRADS ONLY with BS/Mechanical Engineering for R&D. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED.
Location: St. Louis, MO
Interviewer: unknown
Interview date: February 8, 1984
Number of schedules: 2
Priority signup: January 24, 1984
Regular signup: January 25, 1984

EMERSON ELECTRONIC & SPACE DIV., St. Louis, MO
Will interview MAY, JULY 1984 GRADS ONLY with BS/Electrical Engineering, Computer Science for digital circuit design, RF/analog circuit design, software development, applications & products. U.S. CITIZENSHIP ONLY. STUDENTS WILL BE EXPECTED TO BRING COMPLETED PERSON APPLICATION TO THE INTERVIEW WITH THEM.
PLEASE NOTE: EMERSON APPLICATIONS WILL BE AVAILABLE AT: TIME OF SIGNUPS
Location: St. Louis
Interviewers: unknown
Interview date: February 8, 1984
Number of schedules: 3
Priority signup: January 24, 1984
Regular signup: January 25, 1984

NORTHERN ILLINOIS GAS COMPANY, Aurora, IL
Will interview MAY 1984 GRADS ONLY with BS/Geological, Electrical, Petroleum, Civil, Mechanical Engineering, Engineering Management. Engineering dept. assignments in the first 12-18 months typically include project experience in pipeline, underground storage and station design engineering as well as experience in gas system planning. Knowledge acquired in these areas will assist in preparing the engineer for future field assignments. PREFERENCE WILL BE GIVEN TO U.S. CITIZENSHIP.
Location: Naperville, IL
Interviewers: unknown
Interview date: February 9, 1984
Number of schedules: 1
Priority signup: January 25, 1984
Regular signup: January 26, 1984

CARTILL, INC., Dayton, OH
Will interview MAY, JULY 1984 GRADS ONLY with BS/Chemical, Mechanical Engineering for Production Supervision, Processing Group. U.S. CITIZENSHIP REQUIRED.
Location: unknown
Interviewer: unknown
Interview date: February 10, 1984
Number of schedules: 1
Priority signup: January 26, 1984
Regular signup: January 27, 1984

Contract dispute

Dear ACME Lawfirm,

Whatever happened to the good ol' days when a signed contract meant something. It has come to my attention that the Cashier's office at the University of Missouri-Rolla does not operate by this well-followed legal practice. It seems that if they see fit, they have the "right" to cancel the contracts of the student body enrolled for the Spring 1984 semester. The UMR Cashier's office has cancelled the finalized class schedules of most students and has reissued new contracts, threatening withdrawal from classes if the new contracts are not accepted. This came about on January 3, 1984 as stated on the new

statement of fees. These new contracts were not mailed until January 11, 1984 and were not received until the first day of classes of that Spring semester. The majority of these students' legal agreements had been finalized during the past year. How is it that as the old year faded away, past legal understandings may also decay? After all, what is the purpose of preregistration? Please withhold my name and student number as I wish to remain enrolled in this University and do not want to be "forced to withdraw."

Name withheld

Have
fun
with
flowers

This hot air balloon
will make a lively
addition to any
party. See us
for other fun
balloon ideas.

For a new arrangement,
give balloons.

sunny wall

1107 Pine Rolla

364-3161



Permanent from page 7

INTERVIEW ACCEPTANCE CO., INC., St. Louis, MO
 Will interview MAY 1984 GRADES ONLY with BS/Computer Science for entry level programming. PERMANENT RESIDENT OR U.S. CITIZENSHIP REQUIRED.
 Location: St. Louis, MO
 Interviewers: unknown
 Interview date: February 10, 1984
 Number of schedules: 1
 Priority sign-up: January 26, 1984
 Regular sign-up: January 27, 1984

PERSON-TO-PERSON, INC., St. Louis, MO
 Will interview MAY 1984 GRADES ONLY with BS/Computer Science for Programmer. Details will be available at time of signups. U.S. CITIZENSHIP REQUIRED.
 Location: St. Louis
 Interviewers: unknown
 Interview date: February 10, 1984
 Number of schedules: 2
 Priority sign-up: January 26, 1984
 Regular sign-up: January 27, 1984
 Will hold a reception on Thursday, February 9, at 7:00 P.M. in the Missouri room of the student center east. Please indicate on sign-up sheet if you plan to attend.

DAVID L. MATTHEW DEVELOPMENT & READINESS COMMAND (DARCOM), Davenport, IA
 Will interview MAY 1984 GRADES ONLY with BS/Electrical, Mechanical Engineering for Production/Production, Safety, Maintainability or Quality & Reliability Engineering. Training will be for one year at the Intern Training Center, Red River Army Depot, Arkansas, TX, with subsequent assignment to a permanent duty location at one of the DARCOM installations located nationwide. ALL POSITIONS ARE CIVILIAN.
 FEDERAL PERSONNEL REGULATIONS REQUIRE U.S. CITIZENSHIP FOR SECURITY CLEARANCE.
 U.S. J.F.A. PROGRAMS START IN JULY 1984.
 Location: Nationwide
 Interviewers: unknown
 Interview date: February 10, 1984
 Number of schedules: 1
 Priority sign-up: January 26, 1984
 Regular sign-up: January 27, 1984

AMES MOULTRE ELECTRIC COOP, Mattoon, IL
 Will interview MAY 1984 GRADES ONLY with BS/Electrical Engineering for Electrical Engineer (Power Distribution). U.S. CITIZENSHIP REQUIRED.
 Location: Mattoon, IL
 Interviewers: unknown
 Interview date: February 10, 1984
 Number of schedules: AFTERNOON ONLY - 6 openings
 NOTE: AFTERNOON SIGNUPS ONLY
 Priority sign-up: January 26, 1984
 Regular sign-up: January 27, 1984

Summer

CAMPUS INTERVIEWING FOR WEEK OF FEBRUARY 6-10, 1984

Signups for the following companies will be held on Tuesday, January 24, 1984, at UNIVERSITY CENTER WEST. Signups for morning interviews will be held from 9:30-11:00 a.m. ONLY; signups for afternoon interviews will be held from 1:00-3:30 p.m. ONLY.

STUDENTS ARE REQUIRED TO BRING THE CAMPUS INFORMATION FORM (RESUME) WITH THEM AT TIME OF SIGN-UP FOR SUMMER INTERVIEW, OR BACK-UP SHEET. EMPLOYMENT CANDIDATES SHOULD ALSO HAVE REGISTRATION FORMS ON FILE WITH CAREER DEVELOPMENT OFFICE - 2 TO STAMPS.

CARILL, INC.
 Will interview JUNIORS majoring in Chemical or Mechanical Engineering for Summer Engineer in Processing Group. U.S. CITIZENSHIP REQUIRED.
 Location: unknown
 Interviewers: unknown
 Interview date: February 10, 1984
 Number of schedules: 1 (8 openings for morning; 6 openings for afternoon interviews)

PROCTER & GAMBLE CO., CINCINNATI, OH
 Will interview STUDENTS IN CHEMICAL, MECHANICAL, CIVIL ENGINEERING, ENGINEERING MANAGEMENT who are one year from final degree, BS or MS for summer intern program. MUST BE U.S. CITIZEN OR HOLD PERMANENT IMMIGRANT VISA.
 Location: Cape Girardeau
 Interviewers: J. Bowman
 Interview date: February 7, 1984
 Number of schedules: 1 (8 OPENINGS FOR MORNING; MORNING SIGNUPS ONLY)

Will interview STUDENTS IN CHEMICAL ENGINEERING who are one year from final degree, BS or MS for SUMMER INTERN PROGRAM - RAD PRODUCT DEVELOPMENT. MUST BE U.S. CITIZEN OR HOLD PERMANENT IMMIGRANT VISA.
 Location: Cincinnati, OH
 Interviewers: A.R. Spector
 Interview date: February 8, 1984
 Number of schedules: 1 (8 openings for morning; 6 openings for afternoon interviews)

PERSON-TO-PERSON, INC., St. Louis, MO
 Will interview STUDENTS who have completed 60 HOURS OF COURSE WORK IN COMPUTER SCIENCE for summer intern. U.S. CITIZENSHIP REQUIRED. STUDENTS WHO ARE SIGNED IN SCHEDULE ARE INVITED TO ATTEND A PRESENTATION THE EVENING PRIOR TO THE INTERVIEW DATE (THURSDAY, FEB. 9) IN THE MISSOURI ROOM OF THE STUDENT CENTER EAST- 7:00 p.m. PLEASE INDICATE AT TIME OF SIGNUP YOUR INTENTION OF ATTENDING.
 Location: St. Louis
 Interviewers: unknown
 Interview date: February 10, 1984
 Number of schedules: 1 (8 openings for morning; 6 openings for afternoon interviews)

PERKINS CORPORATION, Denver, CO
 Will interview SOPHOMORES IN PETROLEUM ENGINEERING (STUDENTS WHO HAVE 2 SUMMERS LEFT BEFORE GRADUATION) for summer routabout positions. U.S. CITIZENSHIP OR VALID WORK PERMIT REQUIRED. STUDENTS ARE REQUIRED TO BRING THEIR TRANSCRIPT, AS WELL AS RESUME, TO THE INTERVIEW WITH THEM. (TRANSCRIPT CAN BE OBTAINED AT THE EMPLOYER'S OFFICE)
 Location: OKC, OK; Lubbock, TX; Houston, TX; Billings, MT; Bakersfield, CA (positions will be located in the districts associated with the 5 regions listed).
 Interviewers: unknown
 Interview date: February 9, 1984
 Number of schedules: 2 (11 openings for morning; 12 openings for afternoon interviews)

NATURAL GAS PIPELINE COMPANY OF AMERICA, Chicago, IL
 Will interview SOPHOMORES AND STUDENTS WHO HAVE COMPLETED THEIR JUNIOR ONLY in Chemical, Mechanical, Civil, Electrical Engineering for summer engineering.
 Location: Lombard, IL
 Interviewers: Dale Stephenson
 Interview date: February 10, 1984
 Number of schedules: 1 (8 openings for morning; 6 openings for afternoon interviews)

GENERAL MOTORS CORPORATION, Detroit, MI
 Will collect resumes ONLY FROM STUDENTS WITH THE FOLLOWING MAJORS: Mechanical, Electrical, Engineering Mechanics, Electrical Engineering, Computer Science, Metallurgical, Ceramic Engineering, Engineering Management, Chemical Engineering, Chemistry. PLEASE TURN RESUME IN TO PERSON IN CHARGE OF SUMMER SIGNUPS ON THURSDAY, JANUARY 24, 1984, UNIVERSITY CENTER WEST, DURING SUMMER SIGNUP HOURS.

General Motors has requested that students who have turned in resumes check with either on Tuesday or Wednesday, February 7, 8, 1984. They will then be informed of the possibility of an interview on Thursday, Feb. 9, 1984.
PACIFIC GAS & ELECTRIC COMPANY, San Francisco, CA
 Will collect resumes ONLY FROM students in Electrical Engineering. Please turn resume in to person in charge of summer signups on Tuesday, January 24, 1984, University Center West, during summer signup hours.

Co-op

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.

DEADLINE FOR THIS REGISTRATION IS JANUARY 23, 1984. ANY STUDENTS INTERESTED IN INTERVIEWING THIS SPRING, 1984 SEMESTER, MUST BE REGISTERED BY JANUARY 23. THERE WILL BE NO EXCEPTIONS.

**ONE (1) SCHEDULE CONSISTS OF APPROXIMATELY 12 INTERVIEW TIMES DEPENDING ON BEGINNING AND ENDING TIMES OF SCHEDULES. A MORNING SIGN-UP CAN HAVE AS MANY AS 7 INTERVIEW TIMES, AN AFTERNOON SIGN-UP CAN HAVE AS MANY AS 6 INTERVIEW TIMES.

EACH TIME YOU LEAVE THE CAMPUS FOR YOUR CO-OP JOB, YOU MUST COME BY THE OFFICE AND REGISTER FOR YOUR WORK SESSION. THERE IS A FEE OF \$43.00 FOR EACH WORK SESSION THAT MUST BE PAID IN ORDER TO PARTICIPATE IN THE CO-OP PROGRAM. THERE IS A LATE FEE OF \$43.00 IF IT IS NOT PAID ON TIME, BRINGING THE TOTAL FEE TO \$86.00. SO BE SURE AND PAY THE \$43.00 BEFORE YOU LEAVE THE CAMPUS TO GO TO WORK.

SIGN-UPS START JANUARY 25, 1984
 SIGN-UP HOURS ONLY. IF YOU WANT AN INTERVIEW IN THE MORNING WITH A COMPANY, THE SIGN-UPS START: 7:30 a.m. - 11:00 a.m.
 IF YOU WANT AN INTERVIEW IN THE AFTERNOON WITH A COMPANY, THE SIGN-UPS START: 1:15 p.m. - 3:00 p.m.

THURSDAY, FEBRUARY 2, 1984
 Location: ANHEUSER-BUSCH COMPANY, St. Louis, Missouri
 Interviewers: Eng. Mgmt.
 Requirements: 2.5 GPA or above, Permanent Visa
 **ONE SCHEDULE CONSISTS OF 13 INTERVIEW TIMES - 7 IN THE AM, 6 IN THE PM.

MONDAY, FEBRUARY 6, 1984
 Location: BUSSMANN DIV, MCGRAW - EDISON, Ellisville, Missouri (St. Louis)
 Interviewers: E.E.
 Requirements: 2.5 GPA or above, American Citizen, STUDENTS MUST HAVE INTEREST IN VIDEO, ENG. SALES OR POWER

**TWO SCHEDULES CONSISTS OF 26 INTERVIEW TIMES 14 IN THE AM, 12 IN THE PM.

TUESDAY, FEBRUARY 21, 1984

Location: EDWIN COOPER, DIV. ETHYL CORP., Sauget, IL (across river from St. Louis)
 Interviewers: M.E.
 Requirements: 2.7 GPA or above, Permanent Visa
 **ONE SCHEDULE CONSISTS OF 13 INTERVIEW TIMES 7 IN THE AM - 6 IN THE PM.

TUESDAY, FEBRUARY 21, 1984

Location: DOW CHEMICAL, Freeport, Texas
 Interviewers: Ch.E., Chem., E.E., M.E.
 Requirements: 3.0 GPA or above, American Citizen, Sophomore level or above
 **ONE SCHEDULE CONSISTS OF 11 INTERVIEW TIMES 5 IN THE AM - 6 IN THE PM.

WEDNESDAY, FEBRUARY 22, 1984

Location: UNION ELECTRIC COMPANY, St. Louis, Missouri
 Interviewers: E.E., M.E., Nuc.E.
 Requirements: 2.5 GPA or above, Permanent Visa, Must have completed 24 semesters of Engineering major, second semester Juniors only can sign up.
 **ONE SCHEDULE CONSISTS OF 12 INTERVIEW TIMES 6 IN THE AM - 6 IN THE PM.

FEBRUARY, 1984

Location: GULF STATES UTILITIES, Beaumont, Texas
 Interviewers: C.E., M.E., Nuc., E.E., C.Sc.
 Requirements: TO COMPANY UPON REQUEST FROM STUDENT
 RESUMES ONLY. LIMIT (12) WILL BE SENT TO COMPANY UPON REQUEST FROM STUDENT

FEBRUARY, 1984

Location: DEFENSE MAPPING AGENCY AERO. CTR., St. Louis, Missouri
 Interviewers: Math, C.Sc., Geology, Geo.E., Geophysics, Physics
 Requirements: 2.0 GPA or above, American Citizen TO COMPANY UPON REQUEST FROM STUDENT
 RESUMES ONLY. LIMIT (12) WILL BE SENT TO COMPANY UPON REQUEST FROM STUDENT

FEBRUARY, 1984

Location: SHERWOOD MEDICAL, St. Louis, Missouri
 Interviewers: M.E., Ch.E.
 Requirements: 2.0 GPA or above, Sophomore level TO COMPANY UPON REQUEST FROM STUDENT
 RESUMES ONLY. LIMIT (12) WILL BE SENT TO COMPANY UPON REQUEST FROM STUDENT

FEBRUARY, 1984

Location: CARGILL INC., Lansing, New York
 Interviewers: Geo.E., Mining
 Requirements: 2.0 GPA or above, American Citizen Junior level or above
 RESUMES ONLY. LIMIT (12) WILL BE SENT TO COMPANY UPON REQUEST FROM STUDENT

TUESDAY, FEBRUARY 7, 1984

Location: PROCTER AND GAMBLE COMPANY, Cape Girardeau, Missouri
 Interviewers: Ch.E., C.E., E.E., M.E., Eng.Mgmt.
 Requirements: 2.0 GPA or above, Permanent Visa, **TWO PM SCHEDULES CONSISTS OF 12 INTERVIEW TIMES - 12 IN THE PM.
 AFTERNOON SIGN-UPS ONLY.

THURSDAY, FEBRUARY 9, 1984

Location: GENERAL MOTORS ASSEMBLY DIV-LEEDS, Kansas City, Missouri
 Interviewers: Eng. Mgmt.
 Requirements: 3.0 GPA or above, American Citizen, Sophomore level or above.
 **ONE SCHEDULE CONSISTS OF 12 INTERVIEW TIMES 6 IN THE AM, 6 IN THE PM.

FRIDAY, FEBRUARY 10, 1984

Location: TAMKO ASPHALT PRODUCTS INC., Joplin, Missouri
 Interviewers: E.E., M.E.
 Requirements: 2.8 GPA or above, American Citizen
 **ONE SCHEDULE CONSISTS OF 13 INTERVIEW TIMES - 7 IN THE AM, 6 IN THE PM.

THURSDAY, FEBRUARY 16, 1984

Location: AVX CERAMICS, Myrtle Beach, South Carolina
 Interviewers: E.E., M.E.
 Requirements: 2.5 GPA or above, American Citizen, **TWO SCHEDULE CONSISTS OF 24 INTERVIEW TIMES 12 IN THE AM - 12 IN THE PM.

see Co-op on page 6

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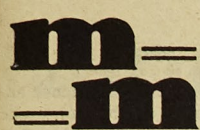
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Major/Minor _____

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Sports

MISSOURI MINER

Thursday, January 19, 1984

Page 9

Miners set win mark

BY BRETT GIDDENS

While most of us were trying to shake off the winter chill during the Christmas break, the UMR basketball team was enjoying a red-hot road trip. The Miners came from behind to stun Division I Arkansas State 63-56 on January 3, and four days later held off a late rally by Indiana State-Evansville, defeating the Eagles 78-73. Prior to the Arkansas State game, it was announced that UMR was ranked 20th in NCAA Division II.

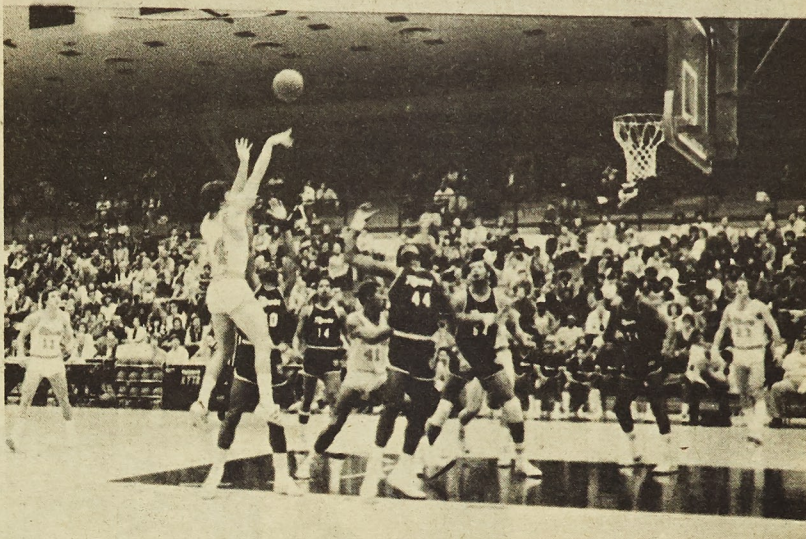
A close game throughout, Arkansas State held a five-point advantage at intermission and increased their

lead to nine early in the second half. The Miners, putting a cold-shooting first period behind them, lit up the scoreboard with ten unanswered points to take the lead with thirteen minutes to play. Curtis Gibson sank four free throws down the stretch to put the game out of reach. Gibson led the Miners with 18 points while senior Stan Shuemaker tossed in twelve. Sophomore center Mark Zarr added eleven points.

Balanced scoring again provided UMR with the upper hand in the Evansville contest as all five starters scored in double figures. They needed it, as the hot-shooting Eagles gave the Miners their

money's worth. Evansville jumped out to an early eight-point lead but the Miners proved themselves equal to the task, rolling to a nine-point margin at the half. The remainder of the contest saw the Eagles draw close only to have UMR stifle their challenges. Shuemaker took scoring honors with 19 while Gibson hit for 16, Todd Wentz for 14, Zarr added 10 and Tyree Hall chipped in 10 points.

The Miners ran their record to 8-1, tying a school mark for consecutive victories with seven. UMR also broke a conference mark in the Evansville game by shooting a phenomenal .702 from the field.



Todd Wentz sinks two over Lincoln as UMR defeated the Blue Tigers to raise their record to 9-2.

Men 14th nationally

Rolla, Mo. —University of Missouri-Rolla men's basketball coach Billy Key knew the conference portion of the Miners' 1983-84 schedule would be tough, and recent NCAA Division II rankings have proven him right.

In this week's coaches' poll, the Miners are ranked 14th nationally, with Central Missouri State 13th and Northwest Missouri State fifth. The Miners moved up six spots from last week's 20th rating.

"I have maintained for some time that this is one of the finest basketball conferences in the nation," Key said. "It certainly isn't often that three schools within a conference can be represented in the top 20."

UMR rode its ranking and an 8-1 record onto Wednesday night's conference home

opener with Northeast Missouri State only to see the Bulldogs pull an 80-74 upset.

The Miners held a 40-39 lead at the half, but second half foul trouble for starters Tyree Hall and Todd Wentz eventually took its toll as both fouled out. Northeast Missouri enjoyed 63 percent shooting from the field, including a 27-point, seven rebound outburst from newcomer Greg Gordon. Stan Shuemaker paced the Miners with 20 points, with Curtis Gibson adding 15 and Dave Moellenhoff and Wentz chipping in 10 apiece.

"We shot 57 percent from the field and that is usually good enough to win the game," Key said, "but this is MIAA play now, and we realize that all the teams are sky high for conference play."

The loss snapped a seven-

game UMR winning streak. That streak had tied a club record for consecutive wins set in 1963-64.

"We have to regroup as there is a lot of basketball left to play this season," Key said. "Lincoln comes in here Saturday for an 8 p.m. game, and they will be a much-improved team."

If the Miners can get another winning streak under way, the team has a chance to stay in the thick of the MIAA chase and in contention for top national rankings.

"It is a real tribute to the MIAA that three teams from the conference already have been ranked in the top 20," Key said. "And everyone expects a team like Southeast Missouri to be there before it is all over. The balance of talent in the league this year is very impressive."

Fine season continues

BY JACK SUPLAY

Wrestling for the first time after Christmas break, the UMR wrestling team place fifth in the fourteen-team MacMurray Tournament. Placing ahead of the Miners were Alma College from Michigan, Lincoln and Wheaton Colleges from Illinois, and Coe College from Iowa.

"All the hard work we put in over the semester break paid off as we placed five wrestlers," commented coach Joe Keaton. The Miner squad started practicing in Rolla twice a day on January 4 for the tournament.

Leading the Miners at the tournament were their three most successful wrestlers, Jim Siekmann, Greg Schoenberg and Mark Weston. Captain Siekmann won the tourna-

ent, running his record to 8-2-1. "Jim's been really an outstanding worker and leader for us and I'm glad to see him rewarded by winning the tournament," continued Keaton.

Schoenberg, at 126 pounds, kept up his winning ways by taking second place and improving his record to 9-3. He suffered a knee injury in the semifinals that hampered him during the championship match and could keep him out for possibly two weeks. Weston won the most matches of the

tournament, winning four of five en route to his third place finish at 118 pounds. The other placers were 134-pound Chris Colona and heavyweight Jon Perry.

Just before leaving for Christmas the wrestling team faced the 10th ranked Missouri Tigers in a dual meet and competed in the eight-team Central Missouri State Tournament. Wrestling Mizzou, the Miners had their

See Wrestling

page 10

Frumhoff All-American

Source: OPI

Rolla, Mo. —University of Missouri-Rolla goalkeeper Lisa Frumhoff has been selected to the National Soccer Coaches Association of America's (NSCAA) women's All-American second team.

The Miner sophomore was named to the All-West Region team after the 1983 season.

Frumhoff, a graduate of University City High School in St. Louis, paced the Miners with a goals-against-average of .93, recorded six shutouts and helped the second-year UMR program soar to a 10-5 record against some

of the top talent in the Midwest.

"This is indeed quite an honor for Lisa," said UMR-Rolla women's soccer coach Paul McNally. "And I feel

she can get even stronger as she is the type of player who

See Frumhoff
page 12

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Is success in USFL's future?

BY BOB GAYNOR

In professional sports, it is not enough to be the best or the biggest. Every league wants to be the only. The most recent challenges to a major league's monopoly, the United States Football League, may wind up as the most successful. Their tactics and timing have given the fledgling league a prosperity that separates it from nearly all past challenges to a professional league's sovereignty.

A look at sports history shows some valuable lessons that the USFL has surely not ignored. Most recently, the World Football League attempted parity with the NFL. Notwithstanding a national syndication television contract, the league soon folded as a result of poor managing, shallow pockets, weak connections to talent sources, and a NFL near its peak of popularity.

Starting a business is tough enough without having an established monolith to battle against. The World Hockey Association began in the early 70's also. Their success was guaranteed by the signing of Bobby Hull and coaxing the great Gordie Howe out of retirement. It could have been a 5-team league, but with two of the finest players ever, the fans, money and young talent were forced to consider the new kid on the block. That success resulted in the WHA's most stable teams' being absorbed into the NHL once the new league's presence was regarded as growth-inhibiting to the NHL. This actual act of mercy by the NHL gave the old league the expansion they needed without severe growing pains.

In 1967 came the American Basketball Association. The NBA still had a long period of growth to experience that it was just beginning. What

helped the ABA, to a great extent, was that it was an innovator in the sport. Multi-colored basketballs and the 3-point shot made it a different game from that of the NBA. The presence of Julius Erving and George McGinnis on the league's roster helped also. When the league began to falter, the NBA embraced the more solid teams as its own and the old league continued to grow years later.

The American Football league survived because it filled a need for a football-

hungry public. The NFL was still young in 1960 and was unwilling to extend itself to close that opening. So, the AFL, with equal parity, kept itself going for ten years with its innovative pass-oriented, high-scoring games. The NFL accepted their challenge by inviting the league to play in the Super Bowl, beginning in 1966. The NFL won the first two, but when Joe Namath led the AFL to victory in 1968, the NFL got scared. The Chiefs won the next year, but that was the last inter-league Super Bowl.

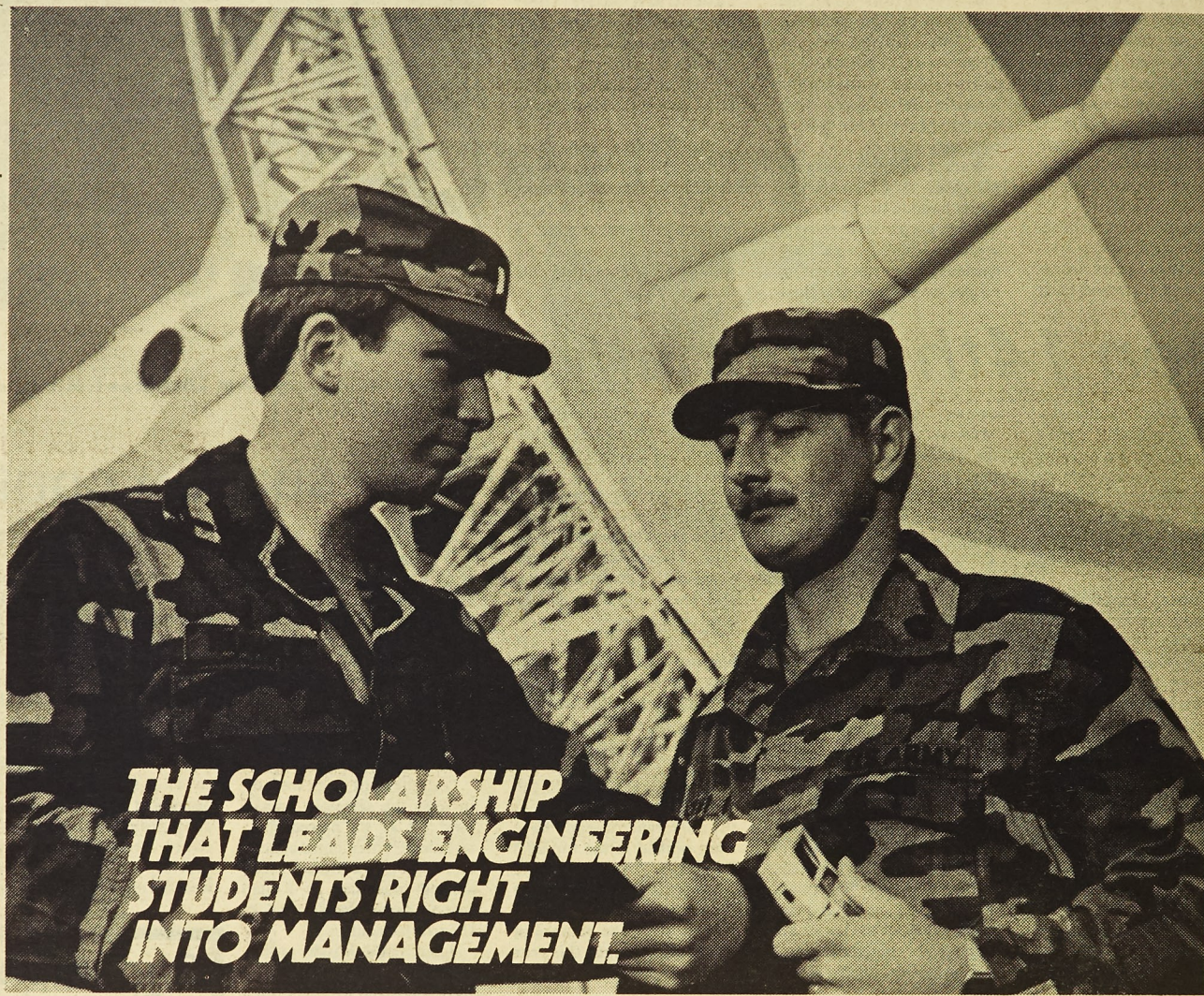
Parity was reached and the two became one. The same tactics of starting when the "old" league is still young was used when the American Baseball League challenged the more established National Baseball League in 1901.

How does the USFL's future look, if past history is a guide? Their future does look bright. The connections to top talent are strong, as the Hershel Walker, Mike Rosier, Anthony Carter, Brian Sipe, ad nauseum signings show. The former college and NFL coaches in

the league have been successful in their searches for top talent. The money is there, too, as those signings have shown. The USFL is an innovator, also, in that the season is played throughout spring and summer. Television contracts with CBS and ABC are bringing in the bucks for them.

Finally, the NFL is again ripe for a challenge. The league's laid-back, haughty attitude from defeating the WFL has lulled it into a sense of security, the NFL's drafting and exclusive-rights

rules make free agency and contract competition a joke. The strike of 1982 has left its scars on attendance. With top-quality talent and a seemingly endless money supply, the USFL is showing signs of being around for a long time to come, in one form or another. The big question is whether the league will remain autonomous or be annexed into the NFL. Whatever the result, history shows that the established league will be strengthened by this strong and viable challenge to its livelihood.



**THE SCHOLARSHIP
THAT LEADS ENGINEERING
STUDENTS RIGHT
INTO MANAGEMENT.**

Wrestling

from page 9

hands full, losing 46-2. All the matches weren't as lopsided as the team score indicated. The two points were scored as Siekman tied his opponent.

The team did have a bit more luck in the Central Missouri tourney, having both Siekman and Schoenberg place second. The team placed fifth, marking the first time a UMR team ever finished in front of Warrensburg's wrestling squad in any wrestling competition. Beating Warrensburg again will be the goal of the squad as Warrensburg is their opponent in a home dual meet this Tuesday.

Tonight the Miners square off with Division I opponent Western Illinois.

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Women's Basketball

Miners tough in overtime

Rolla, Mo. — The University of Missouri-Rolla women's basketball team played one of its best games of the season Wednesday night, despite losing 68-65 in overtime to Northeast Missouri State.

The conference opener for both teams was tied at 57-57 at the end of regulation before some late free-throw shooting provided the Lady Bulldogs with the victory.

"I'm proud of the team,"

UMR head coach Cathie Schulte said. "They played hard the entire night and gave it a great effort."

Freshman Sandra Vaughn had her best effort in a Miner uniform, leading the team with 17 points. Senior forward Gail Halsey chipped in 13 points and paced all players with 12 rebounds.

The loss dropped the Lady Miners to 2-7 overall and 0-1 in MIAA action.

"Even in defeat, this game showed me something," Schulte said. "We have a long way to go, but the players pulled together as a unit and really battled a team that was much taller than they were. Our hustle kept us in the ball game."

The Lady Miners will try to pick up their first conference win Saturday, hosting the Lincoln Lady Blue Tigers in a 5:45 p.m. game.



Linda Hill defends against the Lincoln Blue Tigers as the Miners picked up their first conference win of the season.

Winning Swimming

BY ANNE WERNER

While the rest of us were busy studying for finals, the UMR Men's Swim Team was busy swimming in a meet against Drury college last December 9, 1983. The meet was spread out over Friday and Saturday so that the swimmers would have the best opportunity to lower their times. Several swimmers made their best times for the season. The Miners made twenty-eight national qualifying times in various events. The final score of the meet was 106-48 in UMR's favor.

Over the Christmas break, the team traveled down to Tampa, Florida for some hard training and sunshine. The Miners left on December 28th and trained for two days in Huntsville, Alabama. Then it was down to Tampa for five days of training and a meet against Tampa. The Miners won the meet with a final score of 59-54. The meet was held outdoors, but

the weather was not very cooperative. The temperature was around 55° F at the beginning of the meet and lowered to the 40's by the end.

Martin Rodseth took three first places in the meet, one in the 1000-yard freestyle, one in the 100-yard freestyle and another in the 500-yard free. Rodseth set a varsity record time in the 1000-yard free with a 9:50.83. Chris Aria grabbed a first in the 200-yard backstroke with a time of 1:59.79. In the 200-yard breaststroke, Derek Coon came in first place with a time of 2:13.20. John Staley took first place in both the 1-meter diving and 3-meter diving events.

Although co-captain Joe Pericich commented that the trip was "a great time," the team did plenty of training. From 7:00 to 10:00 in the morning there was swim practice and then once again between 5:00 and 7:00 in the evening. The divers practiced all afternoon while the

swimmers went to the beach to get a tan and whatever else they could find.

The trip ended with a visit to Little Rock, Arkansas. The Miners swam against the University of Arkansas at Little Rock at the Trojan Swimming Complex. The final score on the meet was Rolla, 67 and Little Rock, 35. The Miners placed first in every event swum and in both diving events. No varsity records or national qualifying times were set. However, Martin Rodseth had a lifetime best time of 22.30 in the 50-yard freestyle when he placed first in that event. Mark Shlanta also had a lifetime best in the 500-yard free with a 5:02.09. Senior Ed Krygier grabbed two first places in the meet, one in the 200-yard individual medley and one in the 200-yard breaststroke.

This weekend, January 20, the Miners will travel to Southwest Missouri State in Springfield for a duel meet. The meet begins at 7:30 p.m.

All-American Soccer

Rolla, Mo. — Two members of the 1983 University of Missouri-Rolla's soccer team have been named to the National Soccer Coaches Association of America's (NSCAA) All-Midwest Team for the NCAA Division II.

Miner backs Kevin Keenoy and Matt Budd were named to the first team in a vote of NSCAA coaches throughout

the Midwest.

Keenoy, a junior college All-American while at Lewis and Clark Community College, enjoyed a tremendous junior season for UMR. "When he arrived, we hoped he could replace Chris Generous in our lineup," said Miner head coach Paul McNally. "He did a great job and lived up to all the fine things we had heard

about him."

Budd, a senior from University City High School in St. Louis, became the only second four-year letterman in UMR soccer history. (The first was Don Anselm.) "He usually had the responsibility of guarding the opponent's

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Surcharge

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uniformly spread."

Locally, on the Rolla campus, cutbacks have been portioned out, by Marchello, on the basis of the departments' shares of UMR spending.

Student response has been varied. Some merely accept what they hear. Many say they are not upset because the extra "really is not that much." Says one student, "I'm just going to bow and go with it."

Other students have wondered how the University can legally, let alone morally, make such a surcharge. David Privett said, "I don't see how they can do it. It doesn't seem fair to those who have already paid."

Rahner at Financial Services says, "Very few [students] have commented on the surcharge whatsoever. I

believe it's because it's not an excessive surcharge."

He adds that the people in the cashier's office had, perhaps, the strongest response to the surcharge. They were faced with a more complicated task in billing multiplied over 6000 students. Says Rahner, "The ladies up there were stunned."

Incidentally, Rahner estimates that the cost of this surcharge, figured in computer time and postage, may total \$1000. The surcharge is expected to bring in \$134,700.

The future of continued appropriations is uncertain.

Marchello says, "The key question that we face now is what are we going to do about next year."

The February meeting of the Curators will address that problem. If the Governor

cuts funding more, as is expected, the Board will have to consider fee hikes or program cuts.

Marchello says that UMR has little room to raise its fees. "I feel with our fees at

33 percent of the cost of instruction, that that's as high as we ought to go."

He also says that program cuts may cause problems with accreditation. Some cuts have already been made. To

deal with such, so far, enrollment has been limited. It is being brought down to 6000 for UMR. If funding had been present the way the University would have liked, enrollment could be allowed to rise maybe 2000 higher.

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Faculty

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"Ben Franklin had this great love for money with his philosophy 'A penny saved is a penny earned,' but he also founded the University of Pennsylvania. And you read what Franklin said over and over and over again. He never saw education as an expense; he saw it as an investment! And he contributed hugely to that investment.

"I believe that this spirit is out there."

The organizational committee right now is the ad hoc committee which is composed of Drs. Carol Ann Smith, Don Cronin, Del Day, Ray Edwards, Nord Gale, Glen Haddock, Frank Kern, Hank Sauer, Nick Tsoulfanidis, and Clyde Wade.

M-Club

Athlete of the Week

The M-Club is proud to present this award to sophomore Scott Carney of the Swim Team.

Scott has had national qualifying times in three individual events, the 100-yard fly, 200-yard fly, 200-yard individual medley, and in the medley relay (Aria, Coon, Carney, Rodseth). His time in the 200-yard individual medley and the relay were new varsity records.

Congratulations, Scott!

Soccer

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top scorer, and he came through for us in top form in 1983," McNally stressed. "We will hate to lose him."

Three members of the University of Missouri-St. Louis squad made the team along with three Northeast Missouri State players. Other first-team selections came from teams in Colorado and Texas.

Frumhoff

is always asking for additional training and practice time. She is always in pursuit of excellence."

Frumhoff's accomplishments are extraordinary, considering the Miner program is so young.

"Her high school did not field a soccer team," McNally

noted. "All of her training came through amateur programs in the St. Louis area."

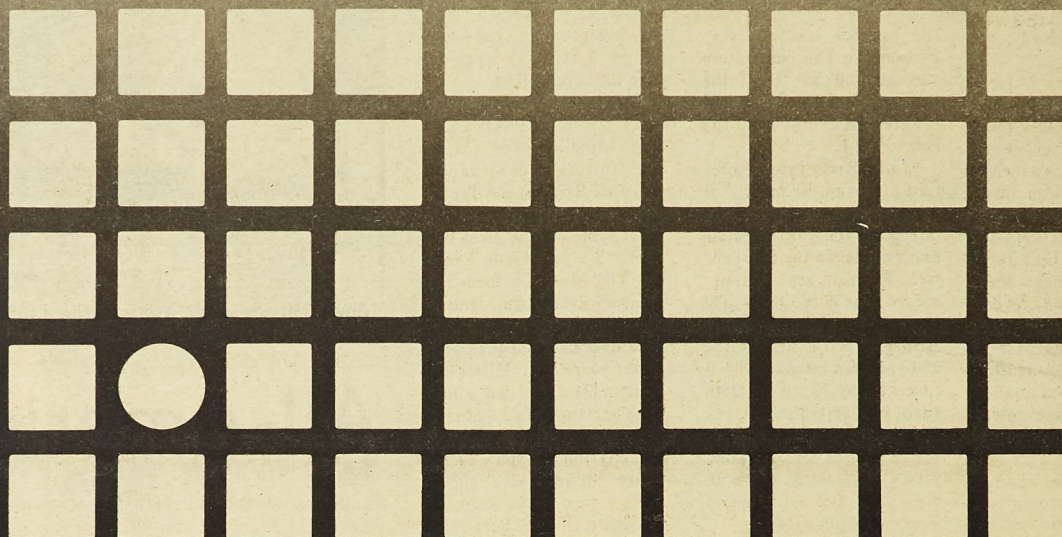
Other second-team All-American selections came from teams such as Princeton University, University of Connecticut, Colorado College, Harvard University, Boston College, and the

University of North Carolina. The University of Missouri-St. Louis placed back Jan Gettemeyer on the first team, with back Joan Gettemeyer and forward Debbie Lewis gaining third-team honors.

With most of his players back next season, McNally

looks for a solid 1984 squad.

"As long as Lisa is a goalkeeper for us, we have every reason to be optimistic," he said. "This All-American honor verifies something we have known all along—she is one of the best defensive soccer players around."



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