



15 Nov 1984

The Missouri Miner, November 15, 1984

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Elbow room expected in the future

by Art Smith

As most students are aware, enrollment in the University of Missouri system is decreasing (2.8% overall from 1983 to 1984, 7.92% at UMR) due to a 2% a year

decrease in the college age population coupled with the recent recession and decrease in college financial aid. UMR was affected more than the other campuses due to the continued popularity of engineer-

ing and the resulting strain this caused upon faculty and equipment. The future looks much brighter though, according to Chancellor Joseph Marchello.

Marchello states that in Febru-

ary 1982, the fact that UMR resources had not kept pace with a 40 percent increase in enrollment during the previous five years prompted the Board of Curators to approve an enrollment management program for UMR. The objective was to keep enrollment at or below 7000 students, depending upon available funds. Limits were adopted for the campus as a whole and especially for the Aerospace, Electrical, Mechanical, and Petroleum Engineering departments.

As the figures below indicate, UMR did not drop below the 7000 enrollment level until 1984. This year the restrictions were dropped for all but the Electrical Engineering program. As a result of the drop, Marchello states that they expect enrollment to stay between 6000-7000 for the rest of the century and that he would like to hold the present level.

According to Marchello, the decrease in enrollment is beneficial to students in many ways both now and in the future. An obvious advantage is a lower student to faculty ratio, which results in greater student/instructor interaction and more time for presently overworked faculty to spend on research projects.

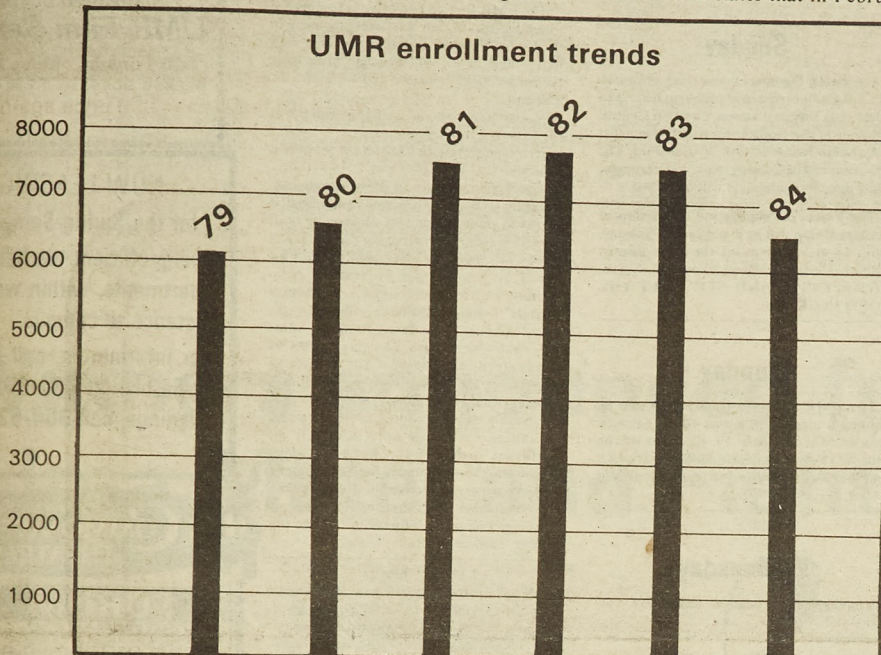
Marchello stresses that UMR

expects to double or triple its present level of \$6.5 million in research grants and contracts for within the next ten years. He adds that they look for real growth in graduate study and an increase in staff as a result of research funding. This would also give UMR a tremendous opportunity to contribute to the quality of life.

Marchello states that UMR can't do much more with fees in the future, but he looks for an increase in state and federal funding to make a significant contribution. He feels the country has to put more money into science and education to be competitive with other nations and that the government and industry will realize this to a greater extent. He adds that it will take a couple of years to feel the impact at this level.

The enrollment at UMR is expected to decrease again next year. Consequently, Marchello comments that UMR is now in a recruiting mode as opposed to turning students away in the past. He is extremely optimistic about the future of UMR and feels that conditions will be improving greatly as our resources increase.

Shown on the graph are the enrollment figures for the University of Missouri system.



major miner stories

page 1
University enrollment dropping

Student retention workshop

page 8
Life after graduation

page 13
Curtis Gibson to be all-time leading scorer

Improving our education

source: OPI

All University of Missouri-Rolla faculty and staff are invited to attend a "Student Retention Workshop" Nov. 15-16 on campus.

The workshop is being presented by the Selection Research, Inc. (SRI) College Productivity Center at the recommendation of the UMR campus retention committee.

Session topics and times are:

Thursday, Nov. 15—"Student Performance and Persistence—Toward Quality in the 80's," 9-10:30 a.m. and 10:45 a.m.-noon;

—"Critical Factors—Who Stays, Who Leaves, What Makes the Difference," 1-2:15 p.m.; and

—"College Faculty as Key Retention Agents," 2:30-4 p.m.

Friday, Nov. 16—"Academic Advising Concepts, Skills and Techniques," 9-10:15 a.m. and 10:30-11:45 a.m.;

—"Toward Student Success on Campus—The Importance of People in 'Front-Line' Positions," 1-2 p.m.; and

—"Consultation with Campus Decision-makers—Implementing Changes and Making Them Work!" 2:15-4 p.m.

Speakers in the workshop include: Dr. Lee Noel, president, SRI College Productivity Center,

and Dr. Randi Levitz, executive vice president, SRI College Productivity Center.

Noel is a former executive director of the American College Testing Service (ACT) National Center for the Advancement of Educational Practices. He is a nationally recognized authority on college student retention and was identified by the "Chronicle of Higher Education" as a "pioneer" in the field of student retention. He and Levitz are co-authoring a work on student retention that will be published in 1985. Noel holds a Ph.D. from Northwestern University.

Levitz is a former assistant director of the ACT National Center for the Advancement of Educational Practices. Her consulting and research focus on matters related to student retention, organizational development, teaching and advising and education in general. She holds a Ph.D. from the University of Michigan.

"Individual faculty and staff members will be notified as to especially pertinent sessions," said Dr. B. Ken Robertson, dean of students at UMR. "The Thursday morning sessions are especially important for faculty members; however, they may attend as many sessions as they like." For more information contact Robertson at 341-4292.



Getting down

Not everyone was getting down but a lot of people were getting lower at the APO Dance-a-thon last weekend. The Dance-a-thon was held to raise money for muscular dystrophy. Over 3700 dollars was raised. (Photo by Bill Carty.)

Calendar of Events

Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday

Thursday

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

"Fools," UMR Theatre. Thursday-Saturday, Nov. 15-17, 8 p.m. Cedar Street Center. Admission charged: Thursday, all \$1; Friday and Saturday, students and retirees \$2.50, all others \$3.50. Tickets available at the reservation desk in the University Center-West 8 a.m.-noon and 12:30-4:30 p.m., weekdays and at the door one hour before the performance.

Helix Club meeting Thursday, Nov. 15, at 6:30 p.m. in room 206 of the Chemistry building. All students are welcome.

Interfraternity Council is presenting "Fast Times at Ridgemont High" tonight at the Uptown Theatre (7 and 9:30 p.m.). Tickets will be available at the door for \$1.50.

Intercollegiate Knights will have a general meeting on Thursday, Nov. 15, in room 139 of the Chemical Engineering Bldg. (There will be a page test after the meeting.)

ISC LECTURE SERIES: There will be a lecture on "Visa and Immigration Problems of International Students, Faculty and Staff" on Thursday, Nov. 15, at 6:30 p.m. in Chem. Eng. 125. A question and answer session will follow the lecture.

M-Club will hold a smoker and important meeting at Sigma Phi Epsilon at 8:00 on Nov. 15. It will include plaque signing and officer nominations. Our prospective advisor will also attend.

MSM Climbing Club

Will hold its next to last meeting tonight at 6:30 in room 305 Norwood Hall. All members are urged to attend. Slides from the Tetons will be shown tonight.

Phi Eta Sigma will hold a meeting on Thursday, Nov. 15 in G-5 of the H-SS building. All active members and pledges should attend.

UPE, the Computer Science Honor Society, has a pledge meeting tonight at 7:00 p.m. in MCS 327. All pledges please attend to take the pledge quiz.

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

Veteran's Club

Will hold a meeting Thursday, Nov. 15. All Veterans and those receiving VA benefits are invited to attend. New advisor nominations and constitutional changes will be discussed.

Saturday

District High School Honors Band Concert, Centennial Hall, University Center-East, 7 p.m. Free.

The **UMR Radio Club** is planning to "go all out" this year in the annual A.R.R.L. sweepstakes contest on Nov. 17 and 18. If you're a ham with a general or higher class license, we can use you as a primary operator. Other hams and non-hams may operate the contest under the direction of the primary operators. The club also plans to have a pizza party, for members and participants, Saturday evening on a "pay your own way" basis. For more information on the contest or the party call Ray at 364-0417.

Election of officers is scheduled, so all members should plan to attend. Refreshments will be served.

Tau Beta Pi will hold a general meeting and officer nominations on Nov. 27, 7 p.m., G-5, H-SS. All actives and initiates must attend.

Noday

UMR Radio Club

The UMR Radio Club offers a free service to send telegram style messages anywhere in the United States or Canada (outside of a 15 mile radius of Rolla). Messages must have the following information and format:

The date
A complete address and telephone number of the person it is being sent to.

A return address with a telephone number if possible.

Please limit messages to 25 words or less, telegram style-use only periods and question marks as punctuation. No obscene or business messages. We reserve the right to reject or edit any message. Messages are sent on a purely voluntary basis by amateur radio operators across the country in a "bucket brigade" manner. Although some messages may take only a few hours to arrive, some may take several days. Delivery cannot be guaranteed, especially if the telephone number of the addressee is not included. Messages may be sent by dropping them in the plainly marked container sitting under the railing of the steps going down into the northwest corner of the Rolla Building's basement (the steps under the WOFF sign). The container will be removed during holidays and other times that the service is not running. For more information about this service, contact the Radio Club.

UMR Students

All are invited to participate in Glamour Magazine's Top Ten College Women Competition. Winners will be selected on the basis of academic achievement and/or extracurricular activities on campus or in the community. The Top Ten College Women will be featured in Glamour's August issue, and will receive an all-expense paid trip to New York City. For an entry brochure, see Cindy Miller, Room 202, Rolla bldg. 341-4329.

Sunday

Dr. Brian Dempsey, Associate professor of Civil Engineering, will speak on his trip to Nicaragua this past summer and on Central America at the Rolla Unitarian Universalist Fellowship House at 11th St. and Iowa. The Program will be Sunday, Nov. 18, starting at 11:00 a.m. Refreshments will be served.

The Voices of Inspiration of the Baptist Student Union will be in concert on Sunday, Nov. 18 at 2:00 p.m. at the First Baptist Church. Please come and fellowship with us. **COME TASTE AND SEE THAT THE LORD IS GOOD!!**

Monday

The **UMR Amateur Radio Club** will be holding a meeting in Room 101 EE at 6:30 p.m. on Monday, Nov. 19. Elections will be held for Vice-President and Secretary. All members and anyone interested please attend.

Wednesday

Thanksgiving Vacation begins for students at 7:30 a.m.

Tuesday November 27

The **Society of Women Engineers** will be holding a business meeting on Tuesday, Nov. 27, at 5:45 p.m. in the Mark Twain room.

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.

Subscriptions are available to the general readership at a rate of \$7 per semester. Submissions for publication in the **Miner** must be in our drop box (first floor Rolla Bldg., east side) by 4:30 p.m. Friday or may be brought to the meetings at 8:30 Sunday night before the Thursday of publication. No submissions will be accepted after the meeting.

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* THE MISSOURI MINER

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Math 2, 4, 5, 8, 21 and 22
6:30 - 8:00 PM

Monday and Thursday
202 Math/Computer Science Bldg.

SOCIETY OF PHYSICS STUDENTS

Physics 21, 23, 24, 25 and 107
Tuesday 7:30-9:30 PM

130 Physics Building

CHEMISTRY DEPARTMENT

Chemistry 221
Tuesday 4:30-6:30 PM

125 Chemical Engineering Bldg.

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Thursday EM 150

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Madrigals harmonize with holiday season

source: OPI

The University of Missouri-Rolla Collegium Musicum will present the annual Madrigal Dinners on two consecutive weekends this year—Nov. 30 and Dec. 1 and Dec. 7 and 8. All of the programs will begin at 6 p.m. with a reception in the Miner Lounge, University Center-East, with dinner at approximately 7 p.m. in Centennial Hall, followed by the formal musical program.

For the 11th year the UMR Madrigal Dinners will signal the beginning of the holiday season in Rolla. This year's program will recreate the twelfth night celebration of Henry VIII's England. You are invited to join the royal court as it

travels to Sheriff-Hutton Castel in Yorkshire as guests of the Countess of Surrey. The celebration is to honor the appointment of John Skelton, the king's poet laureate, to the exalted position of orator regius.

The decor and costumes of the performers are patterned after the period, and the music presented is authentic. Musical instruments used during the program are replicas of those used during the period.

There are four parts to the evening's celebration. As participants gather for the evening in the Miner Lounge—just outside the banquet room—they will be entertained by instrumental groups. After the guests enter the hall and are seated

at the dining tables, the full company of the Collegium Musicum makes its formal entrance. Introductions to the various groups within the company are combined with the opening wassail ceremony.

Entertainment by members of the company continues throughout dinner. The menu consists of a green salad, beef steak, green beans almondine, baked potato with sour cream and butter, rye rolls, ginger bread with sweet whipped cream, coffee, and iced tea.

The formal segment of the program begins after dinner and features selections by vocal and instrumental groups. The evening ends with everyone joining together in singing traditional

Christmas carols.

"We are looking forward to performing with a better stage set and more powerful lighting system this year," says Joel Kramme, assistant professor of music and director of the evening's events. "We have an excellent cast of musicians, and it includes a number of local students."

The price of the dinner and evening's entertainment is \$12.50 per person. Brochures with detachable reservation forms will be available beginning the week of Nov. 12 at area banks, Rolla's bookstores and the reservation desk in UMR's University Center-West.

Reservations may be made by mail by sending the completed

application form, a self-addressed stamped envelope for confirmation, and payment in full to Madrigal Dinners, Applied Arts and Cultural Studies, 236 Humanities and Social Sciences Building, University of Missouri-Rolla, Rolla, Mo. 65401. Reservations will be assigned in the order received.

Reservations can be made in person at the reservation desk in the University Center-West during regular office hours 8 a.m.-noon and 12:30-4:30 p.m. weekdays. Reservations will not be accepted on the phone.

For further information call 341-4185 between 9 a.m. and noon and 12:30 to 4 p.m.

Winners announced for the Alma Mater and Fight Song

source: OPI

Dr. David L. Oakley, chairman of the University of Missouri-Rolla department of applied arts and cultural studies, has announced the winners of the contest for words and music for an alma mater for UMR and words for the Miner fight song.

The winner of the alma mater portion of the contest is Nancy Mackaman of Rolla. She received a \$500 prize for her "Alma Mater Hymn."

The winner of the fight song portion of the contest is Harold Cleveland of Rolla. He received a \$100 prize for his lyrics to the Miner fight song, "Fight Miners."

According to Oakley, the alma mater will be arranged for band and orchestra and choir and solo voice with piano accompaniment. "The alma mater will be performed at official events such as commencement and homecoming," he said. "It will provide a special

dimension to those events and enhance the campus's many traditions."

The words of the alma mater are:

"Alma Mater Hymn"

Through the years with
Honor glowing,
Love for you is
Ever growing

From our hearts
Forever flowing,
Alma mater

Wrought in silver,
Forged in gold,
Always in our
Hearts we'll hold

UM-Rolla,
MSM
Alma mater.

"The Miner fight song originally was commissioned by the football team for UMR's centennial, but it lacked lyrics until now," Oakley



said. "The words will be printed in programs for UMR athletic events to help fans urge the Miners on."

The words to the Miner fight song are:

"Fight Miners"

Go you Miners, hit 'em again;
Clap hands Miners, we're gonna win!
Roarin' scorin' as th' season goes,
Everybody knows, there's nothin' finer
Than a Miner!

Go you Miners, we're on th' ball;
Clap hands Miners, we've got it all;
Clear th' way, cause we're here to stay—
Th' Miner Gang from UMR!

UMR alumni, faculty, staff and students as well as the general public were invited to enter the contest. A panel made up of members of UMR's alumni band judged the entries without knowing the names of the contestants during homecoming October 26-27.

source: OPI

The University of Missouri-Rolla Choir and Orchestra will present a performance of the Christmas portion of George Frederick Handel's "Messiah" on Sunday, Dec. 2. The performance begins at 2 p.m. at the First Baptist Church in Rolla.

Handel's "Messiah" was written in 1741, and was first presented in Dublin, Ireland, in 1742. The first performance in England was on March 12, 1743, at the Covent Garden in London.

"The UMR performance maintains the basic integrity of the Christmas-related portion of the oratorio," said Joel Kramme, UMR assistant professor of music and director of the concert. "It will run about two hours and contains all of Part I, half of Part II and Part III of the original."

"This year's performance will be based on a more recent edition of the 'Messiah' than we've used in the past and will be truer to Handel's original intentions," he added.

Choir, orchestra to perform 'Messiah'

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Comments

Legalized gambling now: What can be next . . . prostitution?

by Art Smith

Unless you reside in an isolated hole, you've already heard that the lottery and pari-mutuel betting are now legal in this great state of Missouri. Isn't it great that we all can now legally expand our hedonistic horizons? I don't know about you, but this small victory in the area of moral revisions has only whetted my eudaemonic appetite. I thirst for even more liberty!

Call me an idealist, but in my flushed excitement I made up a shopping list of fun-loving, pleasure-seeking musts. I feel sure that all of you who supported those two wonderful amendments will be exhilarated with the overwhelming possibilities that still remain to be explored! The heights of self-gratification to be reached are almost limitless. Go for the gusto, the self-indulgence, the joie de vivre!

Let's begin our quest by legalizing prostitution. It's not society's responsibility to legislate such things. Prostitution is, after all, a victimless crime. Ask any teenage runaway fortunate enough to have had the option of making money in this opportunity-filled career while meeting a wide variety of people with nice cars.

After we reach a level of greater lascivious liberty, we should next set our sights on freeing ourselves from those oppressive controlled substances regulations. We are, after all, mature adults in a society that clearly supports the pursuit of happiness (a Constitutional right), and what can make a person happier than artificial adventures to exotic worlds. All that stuff about these wonderful alternatives being harmful to our



health is just so much propaganda spread by those who wish to suppress free-spirited individuality. Remember, reality is for people who can't face drugs.

Well, we're off to a pretty good start at this point, but there are still an awful lot of boundaries to be overcome. Since it is my right to be happy and satiate my every desire, I resent those other precepts that state I should restrain, restrict, avoid, abstain, forgo, eschew, renounce, etc., all those experiences essential to one's personal amusement. Just because I don't desire to do something is no reason to prohibit someone else who relishes the activity from partaking in it.

My list continues with some other endeavors that heretofore have been totally and wrongfully banned by some nosy government agency. In short, these include acquiring merchandise not necessarily my own (I want it-I deserve it), driving with free abandon (I enjoy it-Let 'em get out of the way if they don't like it), blowing up buildings at random (that one is for my roommate), eliminating those that are a bother (they avert total self-gratification), eliminating persons just for kicks (Serial murderers have rights, too), and getting a 4.0 without doing any work (hey, I paid for the class). I'm sure you can think up even more goals of outright decadence to shoot for. To be safe, let's just punt all regulations.

Now that we're on the right track, let's keep it rolling. Write your congressman and tell him you won't be needing his services anymore. Go to it! Make Caligula proud!

0 (Liberal) to 100 (Conservative)

Elections move power rightward in Senate

by Cordell Smith

Probably the two most important Senate races decided on November 6 occurred in North Carolina and Illinois. The outcome of these races will touch off some changes in Senate leadership, which we will examine below.

In the remarks that follow, the number in parentheses following a person's name is that person's rating on the Conservative Index, ranging from 0 ("Liberal") to 100 ("Conservative"), as compiled by the Conservative weekly *The Review of the News*.

In North Carolina, Conservative Senator Jesse Helms (99) won re-election over radical Governor James Hunt. This race was a cliff-hanger, with polls indicating a dead heat up to Election Day.

Senator Helms is well-known for placing principle above party loyalty. In late 1982, for example, Helms led a filibuster against the 5¢ a gallon gasoline tax hike proposed by the Reagan Administration. The filibuster kept the lame-duck session of the 97th Congress tied up until two days before Christmas. Helms explained that he "did not come to Washington to win a popularity contest." Perhaps not, but re-election is the next

best thing.

The contest in Illinois between "Liberal" Senator Charles Percy and even more "Liberal" Congressman Paul Simon (2) appears to have been decided in favor of Simon, as of this writing. Percy's rating of 31 put him in the company of Leftists such as Frank Church (28) and Tom Eagleton (23).

Senator Percy was chairman of the Senate Committee on Foreign Relations, and would have been next year, had he been re-elected. Now, however, the chairmanship will be in different hands. This is where the fun begins.

Next in line on the Committee was Senator Howard Baker (42) of Tennessee. Since he retired, he will not head the Committee either.

The next chairman of the Foreign Relations Committee, then, should be Senator Jesse Helms. This will be a dramatic improvement over the pathetic "Liberalism" of Charles Percy. Senator Helms will be in a position to help implement many conservative foreign-affairs policies, hopefully including measures that will stop Communist aggression in Central America.

Senator Helms is presently Chairman of the Commit-

tee on Agriculture, Nutrition, and Forestry, which brings in a conflict. Helms will give up one of his committees, and the rumor is that he will give up Foreign Relations in favor of Agriculture. In that event, the chairman at Foreign Relations would be moderate Senator Richard Lugar (48) of Indiana, still a considerable improvement over Percy.

On the other hand, if Helms gives up his Agriculture seat, the control of that committee would likely fall through Kansas Senator Robert Dole (52) to Senator Richard Lugar (again). I, for one, suspect Dole would give up leadership of Agriculture in favor of his present chairmanship of the Finance Committee, since from Finance he can pursue what appears to be his favorite hobby: hiking taxes.

In general, then, the November 6 elections have moved the power in the Senate rightward, despite the haunting presence of Tom Harkin (7) of Iowa and Paul Simon. When this is considered, along with the dramatic upset victory of Conservative Mitch McConnell over "Liberal" Kentucky Senator Walter Huddleston (37), we have more to be thankful for than just the deafening landslide of Ronald Reagan.

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Another look at McDonnell Douglas

Dear Editor,

While reading the October 11, 1984 issue of the *Missouri Miner*, I encountered a very disturbing article. The article was written by Bill Latham and was entitled, "A Summer at McDonnell Douglas." Mr. Latham's article expressed great dissatisfaction with his summer position at MDC. He felt that the company did not deliver the promised work assignment and that the work he did per-

form was of little value to his career advancement. I feel that another point of view concerning MDC's contributions to a student's work experience needs to be presented.

The intentions of this article are not to condemn Mr. Latham's opinions, but rather to interject a different opinion of what it's like to work for the McDonnell Douglas Corporation. Before I do this, However, I would like to discuss a

few uncertainties concerning Mr. Latham's article.

First, what type of work did MDC promise to deliver Mr. Latham based on his comment that he "hadn't much experience" in the area of designing circuits? With little experience, it seems unlikely that MDC would hire an undergraduate to specifically design circuits. It seems more likely that MDC intended to give Mr. Latham the opportunity of working in a circuit design department, in order to expose him to this type of work. If, however, Mr. Latham was hired to primarily design circuits, what action did he take in response to his job dissatisfaction besides reminding his supervisor that he had been "hired to design circuits?" As a co-op at MDC, I have been instructed to discuss any such problems I might encounter with my immediate supervisor. If this course of action does not result in satisfactory change, I have been encouraged to speak with my co-op coordinator about a possible transfer to another department.

Another question I have for Mr. Latham is what company offered a "thirty percent higher base salary" over that at MDC? I am sure several UMR students would be interested in interviewing with this company.

As a co-op at MDC, I see tremendous opportunity for advancement and learning within the huge corporation. In addition to their Aircraft Division, they have an Automation Division, Electronics Division, Astronautics Division, and much, much more. These

many divisions provide a wonderful opportunity to gain exposure in just about any field of study.

My first work session as a computer science undergraduate proved to be entirely beneficial. I was given the responsibility of maintenance work on COBOL programs and was introduced to the IBM-PC, along with several other tasks. My work was diversified, giving me the opportunity to utilize my knowledge in COBOL, as well as familiarizing me with the IBM-PC Assembly Language. This was extremely helpful in CSC83, an Assembly Language course offered here at UMR, in which I enrolled the semester following this work period.

During my second work session, I was primarily concerned with the task of designing an automated software drawing system for the F/A-18 Automatic Test and Program Development Stations. This involved analyzing their current system, defining a new approach, selecting hardware and software resources, coding, debugging, testing, and documenting. Initially, I found this overwhelming, but I was encouraged to ask questions without feeling inferior, enabling me to complete and implement the project before the end of my work session.

One of the greatest opportunities I have realized at MDC is the chance to work with people. I feel

that this is just as important as gaining practical experience related to my field of study. The ability to work well with others is considered by many recruiters to be of utmost importance. Because MDC is such a large corporation, I have had many opportunities to gain such experience.

During my work periods, my supervisors devoted the necessary time and assistance to help me understand and complete my projects. Their primary goal was to help increase my knowledge and experience in such a way that benefits me in the career I am pursuing. Personally, I've been given interesting, challenging, and rewarding work, enabling me to be a contributing member of the MDC Team. The projects which I have completed are currently being used in their day to day operation.

My experience with MDC is not just one of a small minority. I know of many other students who feel just as I do, that MDC has given us an experience that we could not have received from any other source. It seems very unfortunate that one individual's bad experience might sour the view of such a well-respected corporation. I stood in line outside the Buehler Building for twenty hours in February to sign up for an interview with MDC. If I had it to do all over again, I would do it the same way.

- Kia L. Enlow

SUB made mistake with the 'Misstakes'

Dear Editor,

In regard to the homecoming dance, I felt that SUB really did a nice job decorating Centennial Hall. The atmosphere was one which could have made the homecoming dance go over big.

The problem with the dance was the band that was hired, the Misstakes... which it was. The band seemed to perform for themselves in order to sell records.

When everyone at the dance requested the band to play some slow music, the Misstakes didn't know any. That's why everyone left.

Homecoming dance is attended by couples. Next year get a band who plays music couples can dance to. That is slow music.

SUB, don't make the same mistake at next year's Homecoming dance.

- David Eswine

Letters to the Editor:

We really want to hear and print your comments. We do, however, need a few things from you:

1. Name
2. Phone number

If you leave one of these off, we'll ignore your letter.

Upon request, we can withhold your name, and we'll never go ahead and print your phone number. We need these two items to verify that you really wrote the letter and to protect ourselves (and only a court order will get the information out of us).

FINAL EXAM SCHEDULE

Fall 1984

The final exam period will begin Monday, December 10, 1984, at 7:30 a.m., and end at 5:30 p.m., Saturday, December 15, 1984. Common finals are scheduled for those courses listed in Section II below. Room assignments for common finals will be announced by the instructor.

The courses not covered in Sections I, II, III are to be arranged by the instructor in cooperation with the students in that course.

I. Evening Course Finals are scheduled for the evening session during final week.

II. Common Finals include all sections.

- CSci 73, 83
- CSci 163
- CSci 218
- EE 61, 63
- EE 281
- Eng Mgt 208
- EM 50, 150
- EM 110
- Hist 112, 175, 176
- Math 2, 4, 8, 215
- Math 6, 204
- Math 21, 22
- Math 229
- ME 204
- ME 225, 229
- Phys 23, 24
- Phys 107
- Pol Sci 90

Tuesday	3:30- 5:30
Friday	1:00- 3:00
Saturday	7:30- 9:30
Wednesday	7:30- 9:30
Monday	7:30- 9:30
Tuesday	7:30- 9:30
Thursday	7:30- 9:30
Monday	7:30- 9:30
Tuesday	7:30- 9:30
Thursday	7:30- 9:30
Monday	7:30- 9:30
Tuesday	7:30- 9:30
Thursday	7:30- 9:30
Monday	7:30- 9:30

III. Regular Finals

First Weekly Class Meeting Time

- Monday, 7:30
- Monday, 8:30
- Monday, 9:30
- Monday, 10:30
- Monday, 11:30
- Monday, 12:30
- Monday, 1:30
- Monday, 2:30

Final Exam Time

- Wednesday 3:30- 5:30
- Monday 1:00- 3:00
- Thursday 1:00- 3:00
- Tuesday 1:00- 3:00
- Thursday 10:00-12:00
- Saturday 10:00-12:00
- Friday 10:00-12:00
- Monday 3:30- 5:30

- Tuesday, 8:05 or 8:30
- Tuesday, 9:30
- Tuesday, 10:30
- Tuesday, 11:05 or 11:30
- Tuesday, 12:30
- Tuesday, 1:30 or 2:05

- Wednesday 10:00-12:00
- Tuesday 10:00-12:00
- Thursday 3:30- 5:30
- Monday 10:00-12:00
- Friday 3:30- 5:30
- Friday 7:30- 9:30

According to the Manual of Information (p. 35), all requests to change the final schedule because of conflicts or having three or more examinations scheduled on one day "are to be made in the Registrar's Office at least one week before the beginning of the final examination week" (Friday, November 30).

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Time: 8:30-3:00

Where: Rolla Bldg. room G-1

World News Summary

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

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

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NATO adopts new doctrine

A defense plan entitled "Follow-On Forces Attack" was approved by a group of ambassadors from all NATO countries except France. These men comprise NATO's Defense Planning Committee.

Implementing the new doctrine would involve bombing deep into Eastern Europe were the Soviets to attack Western Europe. The plans involve only conventional weaponry in an effort to strengthen already existing defenses along the West German

border. Hopefully, this will prevent or at least delay the use of nuclear arms by the West to keep the Soviets from invading.

Adopting the Follow-On Forces Attack doctrine marks the beginning of many decisions involving what kind of new weapons need to be developed.

Cabinet of Chile Resigns

The political turmoil that has characterized life in Chile for the past week, resulting in the deaths of 14 people, triggered the members of Chile's Cabinet to resign. In so doing, the Cabinet felt

they would be leaving President Augusto Pinochet free to do whatever he deemed necessary to restore order to his government.

The resignations were made just after the second of two attacks made by guerrillas on the policemen. These attacks together killed 6 policemen and injured several others.

The head of the Cabinet, Interior Minister Sergio Onofre Jarpa, called the meeting to announce his own resignation, and within 25 minutes the entire Cabinet had decided to resign.

Prior to this meeting, Jarpa gave reporters his reasons for quitting. During this interview, he told them that as a Catholic, he could no longer tolerate the kind of relationship that the nation's bishops and archbishops are developing with Soviet communism leaders in Chile.

Along this line, Jarpa said he was unhappy with the bishops for displaying public disapproval towards Chile's policy of gradually pardoning political offenders.

Reagan open to begin summit conferences

President Ronald Reagan announced shortly after his reelection that he would be open to beginning a summit meeting with Soviet leader.

According to a US official, the President's landslide victory in his campaign for re-election should signify to the Soviet Union that the American people are backing his authority. The result of this will hopefully be the beginning of serious negotiations on nuclear arms control.

The fact that the formation of a senior envoy who would have the authority to speak for the nation on arms control is being considered by US officials was also reaffirmed by President Reagan.

The Soviet leadership is also expected to present a similar type group before too long.

Ronald Reagan refused the suggestion that there were any major

disagreements among Cabinet members concerning US arms control policies.

Lebanon, Israel reach first conflict in talks

As Lebanon and Israel began negotiations under the sponsorship of the United Nations, the first major disagreement arose over the matter of security for Israel's northern border.

Israeli leaders asked for involvement of the South Lebanon Army in preventing guerrillas in Lebanon from harassing those living in northern Israel. Representatives from Lebanon flatly refused to engage the South Lebanon Army in such activity.

The one thing that was agreed on by both delegations, was the meeting schedule. According to Timor Goksel from the United Nations, the negotiators will convene for the purpose of ending the Israeli occupation of Lebanon on Monday, Wednesday and Friday of each week.

Even as the talks began, fighting continued in downtown Beirut. Both the UN and Israel provided extensive security for the meeting which took place in Naqoura, not far north of the Israeli border.

Nicaragua protests US spy planes over cities

Last Thursday, the United States received its second notice from Nicaragua in 18 hours protesting against US aircraft invading Nicaraguan airspace.

Reconnaissance planes have been reported flying over the nation's cities, creating disturbances which were considered to be sonic booms.

Visits by the aircraft frightened the people of Corinto, one of Nicaragua's ports, into thinking that they may be under attack by the US.

Pentagon officials refused to comment either way as to whether or not a SR-71 spy plane could have flown over Nicaragua.

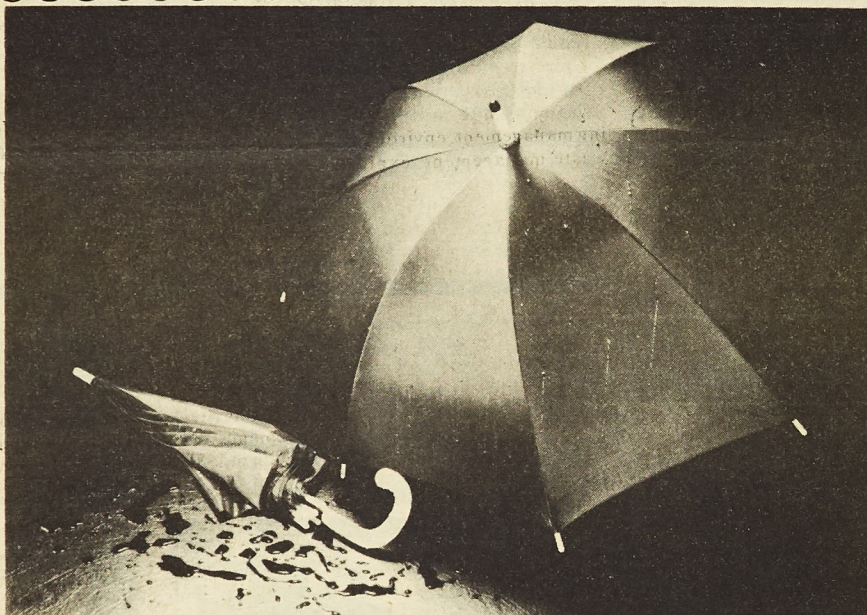
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Studies of UM programs completed as part of long-range planning adopted by UM system

Columbia, MO. — Studies of professional and doctoral programs offered on more than one of the University of Missouri's four campuses have been completed by a group of 41 education and professional experts, as part of the University's newly adopted long-range planning process.

The UM Board of Curators at its October meeting adopted the plan, which establishes goals and objectives designed to improve the quality of the University's teaching, research, extension and public service programs over the next 10 years.

Acting Vice President for Academic Affairs Richard L. Wallace notes that all programs of the University are being reviewed, and the studies of duplicated programs are only one part of a comprehensive information-gathering effort that will be used to determine priorities for all of the University's academic programs and administrative and support activities.

"Reports on findings of the duplicated program reviews are being provided to campus chancellors to supplement campus program reviews and to help the chancellors develop program priorities that are scheduled to go to UM President C. Peter Magrath in January," Wallace says. Magrath will use the program priority reports from the campuses and central administration in developing recommendations for the Board of Curators.

Consultants were not asked to set priorities for the programs they reviewed but to assess the need for the programs, their strengths and weaknesses, distinctive qualities, comparative or locational advantages and possibilities for cooperation among programs.

Wallace notes that not everyone will agree with all of the conclusions of the reviewers, who did not always agree among themselves. "But the insight of experts from outside the organization is extremely valuable in our planning process."

Wallace says the reviewers largely agreed that the reviewed programs, although offered on more than one campus, are needed, serve different clientele and are of good quality.

He notes that the consultants

consistently emphasized the need for more funding to maintain or improve program quality. Among areas where reviewers cited problems were medicine at UMC, chemistry at UMKC and geology at UMR. "I'm sure concerns of the reviewers will be carefully examined by the chancellors as the program review process concludes this winter," Wallace says.

Some general themes from the report summaries:

—Reviewers of social work programs pointed out differences in clientele. They noted the Columbia campus serves college-age students from throughout the state and St. Louis serves older, married, career-oriented students from the local community.

—Reviewers cited several instances where programs were adversely affected by inadequate levels of funding. A low financial base and low faculty salaries, combined with shortages of available faculty in engineering education, make it hard to recruit new faculty members, they said. Reviewers also noted a pressing need for additional state-of-the-art equipment and additional laboratory space. In mathematics, reviewers criticized understaffing that makes it necessary to use teaching assistants in advanced courses.

High quality was saluted by reviewers in most of the program areas studied. The three campuses offering education degrees were seen as having appropriate curricula and well-prepared and experienced faculty providing exceptionally high-quality instruction. In physics, the reviewers particularly noted excellence in research. The neutron scattering programs at Columbia and the atomic scattering work at Rolla were credited as being nationally respected.

Reviewed were the University's professional programs in medicine and law at IMC and UMKC, education and nursing at UMC, UMKC and UMSL, engineering at UMC and UMR and social work at UMC and UMSL; and doctoral programs in chemistry at UMC, UMKC, UMR and UMSL, psychology at UMC, UMKC and UMSL, mathematics at UMC, UMKC, and UMR, and geology and physics at UMC and UMR.

Long-range report advises improvements in budget area

source: OPI

The University of Missouri-Rolla Long Range Planning Liaison Committee recommended in a report to the University to Missouri Board of Curators Oct. 15 that UMR maintain excellence in its primary mission of education and research in engineering and allied sciences with no major modification in direction or operation and no program reductions.

According to the report, current resource deficiencies must be resolved for UMR to fulfill its primary objective of providing quality education. Increasing enrollment, inflation and a recession that produced severe reductions in appropriations are cited as contributing to these deficiencies.

"The campus has restricted enrollments, economized, raised fees and sought other sources of support, but these efforts have not been sufficient to overcome the reduction in state support," the report said. "The highest aspiration of the campus is to achieve resource parity with comparable institutions. Significant improvement is needed in every budget area: faculty and staff salaries and wages; expenses and equipment; library acquisitions; special equipment; and support services."

UM-Rolla offers undergraduate study in 27 fields and all academic programs are accredited. However, the report warned, "Current resource shortages pose potential accreditation problems if not resolved soon."

The report stated that strong humanities and social sciences programs, which complement UM-Rolla's engineering and science education, will continue to answer regional needs for general education. UMR also will continue its commitment to helping the state develop new high-technology industries and to educating the engineers of the future, and will increase its capacity to provide ongoing education to practicing professionals in technology through programs both on and off the campus.

Resolving facility needs by repair, renovation and new construction is another priority named in the report, with the mineral engineering building (McNutt Hall), Engineering Management and Auditorium/Music/Alumni Buildings having the highest priority need.

The report said that all UM-Rolla programs should be maintained. Programs to be enhanced in the near future are those named

in the 1985-86 legislative appropriations request for program improvement and in "Thrust for Excellence" (a private support development program).

Six priority areas are covered in the program improvements funding request. They are: intelligent computing and flexible manufacturing/mining; graduate research program enhancement; instructional laboratory modernization; student access to an electronic campus network; department of aerospace engineering; and eminent professorship program.

The "Thrust for Excellence" program identifies 55 areas of science, engineering and technology as areas of strength—capstone activities that offer the opportunity to build toward peaks of excellence.

The current list of areas of strength is:

In science—applied mathematics, applied statistics, atomic and molecular physics, ceramics, ergonomics, image processing, intelligent computing, materials research, optics, polymer chemistry, reliability theory, surface analysis and modification and surfactant science;

In engineering—aeronautic and automotive ceramics, aerosol production and control, biochemical reactor design and modeling, bio-separations, communication and signal processing, computer-aided design, electric power, electronic materials, engineering and construction management, engineering management, environmental waste management, explosives engineering, finite element analysis, gasification, mineral and fossil fuels exploration and development, nuclear power systems, nuclear fusions, petroleum reservoir simulation, pyrometallurgy, remote sensing digital image processing, river studies, rock mechanics, separation processes and vibrations control;

In technology—advanced glass technology, coal processing, composite materials, dust and smoke control, enzyme technology, flexible manufacturing system, geotechnical, industrial acoustics, metal fatigue, metal casting, mine health and safety, mine reclamation, mineral processing, organizational behavior and human relations, paints and protective coatings, polymeric materials, quality assurance and non-destructive testing, and waterjet cutting technology.

The major UM-Rolla goals are included in a summary of oppor-

tunities for action listed in the report, all contingent on certain assumptions for future directions. These goals and assumptions are:

—Improve instructional quality and support services; lower student-to-faculty ratio; reduce class size (assuming that undergraduate enrollment will be down slightly).

—Expand research activities; increase graduate programs; build on existing strengths (assuming that availability of research funds from government and industry will increase).

—Strengthen extension efforts and ties with industrial and community groups; develop telecommunications activities (assuming increased interest will be shown in off-campus credit programs and in non-credit courses, workshops and conferences).

—Adjust salaries and wages; improve operations, equipment and facilities; carry out needed repairs and renovations; and construct proposed new buildings (assuming appropriations and fee changes will ameliorate existing financial shortages).

—Participate in regional economic development, growth of industry and tourism; expand cultural activities (assuming increased interest in University/community endeavors will be of mutual benefit).

The action plan for achieving Rolla campus goals provides for alternatives recognizing that many of the recommended steps depend on outside factors, such as economic conditions and off-campus decisions. In view of the uncertainty of economic forecasts, the action plan for achieving UM-Rolla goals provides for annual review and adjustment.

According to the report, using financial considerations from the UM Long Planning Steering Committee, the real growth of campus revenue will be \$6.5 million in 1985 dollars. The estimated cost of UMR objectives will total \$5.94 million in 1985 dollars. "Thus, Missouri economic growth, with the University and the campus relieving a constant share, together with increased research support and private giving, could provide the revenue needed to achieve campus goals," the report said.

A copy of the complete report is available in the reserve section of the UMR Library.

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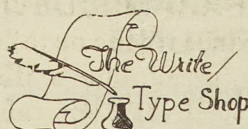
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After graduation

Getting to the end of the rainbow

by Sally Love

A culmination of years of hard work, study and hard knocks is now approaching the end for many of my readers. They will be receiving a degree, moving and going to work. To that end I address this article.

Here are some practical points for making it in the world, writing from my own experience of having supported myself over eleven years, and many moves and jobs while "on my own."

To begin, most people will either have found work through the placement office or be looking. Don't give up, now is the best time of your life to begin with a career, but don't do nothing if a "career" doesn't appear immediately. Work at any type of job rather than wait. You'll find it helps keep you out of the blues and poverty. You'll also discover, as I did, that you can always work your way up, if YOU work at it.

Most of you will be moving. Moving is fairly basic in itself, but where you go is also important. It's critical to select a place you can afford and realize there will be other expenses. If you buy or rent a home, be sure the payments are reasonable for your budget. A loan officer will be able to give you the average you should spend. You will need to purchase some household needs also. For some of you, this may mean a new broom, for others a complete set of dishes, cleaning supplies, and more major items like furniture and refrigerators. Check these things out before you agree to rent or buy.

Consider the transportation needed. Will you be able to drive to work. Does that mean you need to buy a car, fix up the old jalopy or will you have to ride a city transit system? Keep this in mind for your budget.

If you can, ask the "natives" of the area you're moving to about

the amount of crime in the area, the landlord, any unusual neighbors, nearest shopping areas, churches, parks, heavy traffic? Think up your own questions and take them with you. Another revealing question is how often does the house or apartment become empty. If it's sooner than every six months there is probably a significant reason.

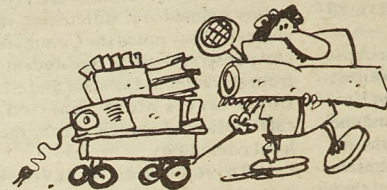
Now is the best time to begin life on a budget. Yes, I mean living within your means. It's a good time to see a financial counselor, whether you plan to invest or not, just for the good advice they will offer freely. At least list your necessary expenses before trying to justify the wants. These include shelter, transportation, food, utilities, clothing, insurance, recreation and emergency funds.

A common temptation to new graduates is to buy on credit. This may sound trite but avoid credit at all costs. The devil will have his due in interest charges and you will find that payments can be an ever increasing source of irritation. It's better to continue to live poor for an additional six months and get started paying cash or with smaller loans. Avoid the use of charge cards. The major companies are quick to give you the use of them.

Think about why and realize you're not the one making the money. I refuse to let anyone have 22 percent of the purchase price of something in addition to the price just so I can have the pleasure of making payments. This is a good time to check out the low interest family loans (mom and dad).

them pressure you into buying something that will take the joy out of your living. The wisest purchases are made by people who shop around, buy on sale, buy when they are looking and when they have the money.

MOVIN' ON!



In general, take time to ask questions. How much will this cost me in the long run? Check with your banker about what not to buy, they have lots of stories to tell. It's a good idea to have a banker for a friend anyway.

Keep in mind that salesmen are there to make a living. Don't let

Also remember that you have lived this long without a super duper multi-fantastic doodad and you'll probably survive a few more months.

A basic fact of life is that you have to pay the bills. Don't begin by assuming you'll have the money. Be realistic on your goals and purchases, later you'll be glad you did.

Something for the novices

by Make Himmelberg

Theta Tau Omega annually sponsors the selection of the Freshman of the Year.

Applicants are judged on grade point, memberships in UMR organizations, offices and committee chairmanships within these organizations, scholarships and awards received at UMR, participation in UMR varsity, club and intramural sports, and the applicants feelings on why he is deserving of Freshman of the Year honors.

Applicants are also interviewed by the members of Theta Tau Omega so that personality and leadership capabilities can be judged.

Joseph Daniel Ellis and Joe A. Nastasi were honored as the 1983-1984 Freshmen of the Year last Wednesday night and were each awarded \$100 scholarships.

Joseph Daniel Ellis completed his freshman year with a 3.35 in Electrical Engineering. Joseph, who was very active in the National Society of Black Engineers, held the positions of secretary, editor, chairman of the communications committee, and the chairman of the 1984 Region V Conference Planning Committee. He is currently president of this organization. Academically, Joseph was a Minority Engineering Program Scholar and received a 4 year Shell Foundation Scholar-

ship. Joseph also participated in intramural football, swimming, basketball and track.

Joe A. Nastasi completed his freshman year with a 3.889 in Engineering Management. As a member of Kappa Alpha Social Fraternity, Joe was pledge class president, rush chairman, honor pledge and received the Karl Moulder Award for his hard work and dedication to brotherhood. He was also very active in APO and A.S.E.M. Academically Joe received three different scholarships including a University of Missouri Curator Scholarship. Athletically, Joe participated in intramural football, soccer, basketball and track.

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Ex-Soviet virtuoso to give concert

source: OPI

Violinist Viktoria Mullova will be presented in concert by the University of Missouri-Rolla Campus Performing Arts Series at 8 p.m. Tuesday, Nov. 27, in the Cedar Street Center.

A native of the Soviet Union, Mullova came to this country in July 1983 shortly after she and her piano accompanist, Vato Jordania, sought political asylum at the American Embassy in Stockholm. She made her North American

debut in Toronto in September 1983. This was followed by recitals in Chicago, Pasadena, Baltimore and other cities.

Later in the current season, she will appear with the Toronto Symphony in Miami, the Indianapolis Symphony, and the Florida Gulf Coast Symphony in the opening of the new Ruth Eckerd Hall in Clearwater, Fla. She also will visit Europe in January, performing in Basel and Stuttgart.

Born in Moscow in 1959, Mul-

lova was enrolled in the Central Music School there at the age of 9 after four years of study in nearby Zhukovsky. Before going on to the Moscow Conservatory in 1978, she won first prize in the Wieniawski Competition for violinists in Poland at the age of 16. While at the conservatory, she won first prize in the Sibelius International Competition in 1980 and first prize in Moscow's Tchaikovsky Competition in 1982.

She has played with the orches-

tras of Moscow, Leningrad, and other major Russian cities, as well as with orchestras in Denmark, Norway, Finland, the Philippines, East Germany and Bulgaria.

Admission to the concert is by season ticket or individual performance ticket (\$5 for students and retirees, \$6 for all others). Advance tickets are available at the reservationist's desk in the University Center-West on campus or at the Cedar Street Center box office one hour before the performance.

The concert is presented by the Campus Performing Arts Series in cooperation with the UMR Student Union Board Fine Arts Committee.

UMR students who have current valid ID cards and have paid the current student activity fee may obtain free tickets from the Student Union Board Office, 217 University Center-West, one week prior to the performance. There is a limit of 100 tickets.



Violinist Viktoria Mullova will be performing at UMR November 27. (Photo courtesy of Shaw Concerts, Inc.)

1984 is the year of DUNE

The Berkley Publishing Group is delighted to announce that it has set an initial print run of 1.4 million copies for the movie tie-in edition of DUNE. Frank Herbert's epic novel, first published in 1965—and long considered a science fiction classic—is nearing its 20th year in print. Yet, the immense popularity of DUNE and Herbert's subsequent Dune Chronicles (DUNE MESSIAH, CHILDREN OF DUNE, GOD EMPEROR OF DUNE, and the recently released hardcover, HERETICS OF DUNE) is reaching new heights with the mounting anticipation of Universal's release of the film version of DUNE. The on-sale date of Berkley's tie-in edition will precede the film's opening

(December 14), by three weeks, and the cover of the book will feature new art work.

Throughout 1984, the sales performance of DUNE and the other Dune Chronicles has been spectacular, verifying the early '84 proclamation of The Berkley and Putnam Publishing Groups that 1984 will be "The Year of Dune." Important industry bestseller lists, i.e., B. Dalton's, Walden's, and Ingram's Demand list, have repeatedly reported DUNE—a 20-year-old-book!—to be in their top 25. The week of July 20, The Ingram Book Company reported that DUNE was #1 on its customer demand list.

see Dune page 11

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Reeds.

Parkview Missionary Baptist Church

Hwy 63 South & Basswood Drive

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

Dean Hawley, Pastor
Home Phone 364-7092
Church Phone 364-4018

YOU are welcome
Please Call if you need a ride

"And as it is appointed unto men once to die, but after this the judgement; so Christ was once offered to bear the sins of many; and unto them that look for him shall he appear the second time without sin unto salvation." Hebrews 9:27-28.

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Placement

Following is a list of companies that are tentatively scheduled to interview during the Spring 1985 recruiting season.

Note: Students who plan to interview during the Spring 1985 recruiting session must be registered with Career Development. (May 1985 grads currently registered need to re-register and turn in up-to-date resumes. A total of 30 resumes should be on file prior to signing-up for interviews. Detail sheets for the week of Jan. 30-Feb. 1 will be available at the Career Development Office, 2nd Floor, on Jan. 7, 1985; thereafter, they will be available in The Miner newspaper. First priority signups will be on January 15, 1985 (For all companies interviewing on Jan. 30, 1985). Further information on Career Development procedures is available: 2nd Floor, Career Development.

January 30
Central Illinois Public
Service

Conoco, Inc.
Control Systems
Ford
Storage Technologies
United Technologies -
Electro Systems
U.S. Navy

January 31
Arkansas Power & Light
Conoco, Inc.
Control Systems
Ford

Inland Steel
Norfolk Southern
R.R. Donnelley
Timken Co.
United Technologies-

Electro Systems
U.S. Navy

February 1
E Systems
MCI Telecommunications
Scott Air Force Base

February 4
Andrews Corp.
Burlington Northern
Cooper Industries
NCR-Colorado Springs
NCR-Wichita & Test Ctr.
Sunnen Corp.

February 5
Alcoa
Andrews Corp.
AT&T (KC)

Bendix
IBM (signups & interviews scheduled
in Centennial Hall-Feb. 5, 6, 7)
Northrop Corp.
Procter & Gamble
Rockwell International
U.S. Gypsum (N. Kansas City)

February 6
ARCO
AT&T (KC)
Bendix
Kansas City Power & Light
National Steel
Procter & Gamble
U.S. Steel

February 7
ARCO
AT&T (KC)
Data General
Hewlett Packard
Kansas City Power & Light
National Steel
February 8
Armco Steel
Hallmark, Inc.
Marathon Pipeline Co.
Naval Weapons Station-Seal Beach

February 11
Emerson Electronic & Space

February 12
Black & Veatch
Dow Chemical (Texas)
General Motors
International Paper
McDonnell Douglas Corp.

February 13
A.E. Staley
Century Electric
General Motors
McDonnell Douglas Corp.
Olin Corp.

February 14
General Motors
Laclede Gas

February 15
Citicorp Person-to-Person
Intel-Chandler, AZ

Public Serv. of Colorado
Shell Oil

February 18
Chevron Companies
Central Intelligence Agency
Gulf Oil
Maytag
Mobil Oil
Naval Avionics Center-Ind.
Wisconsin Power & Light

February 19
Arkansas Best
Chevron Companies
DuPont
General Electric
Halliburton Services
Texas Instruments
Wisconsin Power & Light

February 20
Arkansas Best
Butler Mfg.
DuPont
General Electric
PPG Industries
Texas Instruments

February 21
Arkansas Best
Boeing Companies
General Dynamics
Halliburton Services
Iowa Electric Light & Power
Mott
Motorola, Inc.
PPG Industries
Union Electric
Naval Weapons Ctr. - China Lake

February 22
Digicon, Inc.
General Dynamics
Naval Weapons Ctr. - China Lake

February 25
AT&T Information Systems Lab
Johnson Controls-Naperville
Johnson Controls-Milwaukee
Martin Marietta Energy Systems
NOAA
Sperry Flight Systems
Union Carbide

February 26
Anheuser Busch
AT&T Information Systems Lab
Conoco, Inc.
Edwin Cooper
Halliburton Services
Johnson Controls
Martin Marietta Energy Systems
Martin Marietta
Northern Illinois Gas
Pratt & Whitney
Professional Services
Standard Oil of Indiana
(Amoco Oil) - Refining,
Transportation & Engr.
Stauffer Chemical
Union Carbide

February 27
Bethlehem Steel
Harris Corp.
Kansas Gas & Electric
Martin Marietta
Morse Industrial Corp.
Pratt & Whitney
Procter & Gamble
Professional Services
Stauffer Chemical
Westinghouse Electric

February 28
American Electric Power
Coco Corp.
Fisher Controls
Halliburton Services
Natural Gas Pipeline
Pacific Missile Test
Procter & Gamble
Texas Utilities
TMS, Inc.
U.S. Navy
Washington Univ.-MBA

March 4
Transo. Co.

March 5
A.E. Staley
Butler Mfg.
Kansas Power & Light
Mott
Oklahoma Gas & Electric
Southwestern Bell
Transo.

March 6
Allied Corp.
Southwestern Bell
Transo. Co.

March 7
Bell Helicopter

March 8
Arizona Public Ser.
Litton Industries
Wells Mfg.

March 11
Whirlpool, Inc.

March 12
Lockheed Missile &
Sundstrand
Teledyne MEC
Whirlpool, Inc.

March 13
Amoco Research
Ingersoll Rand
Teledyne MEC

March 14-15
ST. PAT'S HOLIDAY

March 18
No interviews sched.
at this time

March 19
Illinois Dept. of
Transportation
Tinker AFB Base

March 20
U.S. Navy

March 21
U.S. Navy

March 22
Digicon, Inc.

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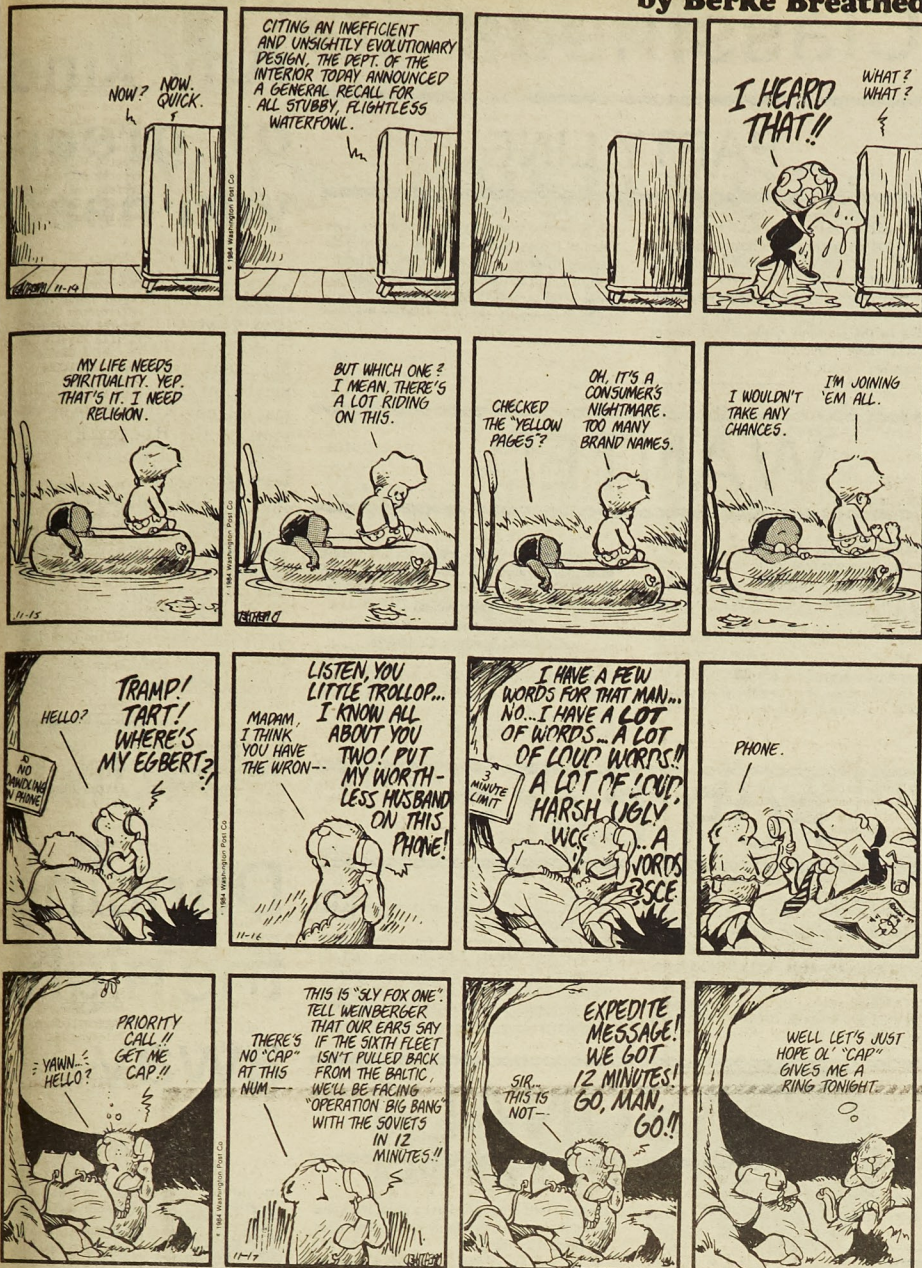
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BLOOM COUNTY

by Berke Breathed



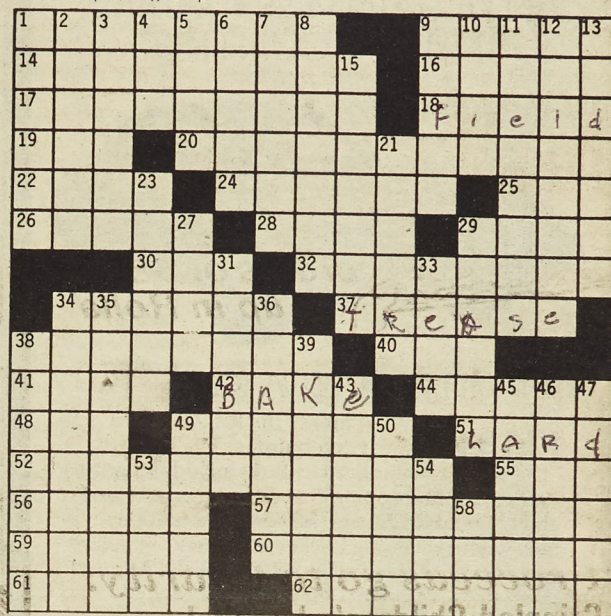
Cavern Crossword Contest

The Contest is sponsored by The Cavern which has donated \$10 to be given to the winner each week.

—364-5339

Crossword Contest Rules:

1. **Deadline:** Entries are due by 12 noon of the Tuesday after the Miner comes out.
2. **Form:** Mount it (by tape, etc.) on an 8 1/2 X 11 piece of paper. Include your name, address, phone number, and ID number.
3. **Turn it in:** at the Miner drop box, first floor Rolla Bldg., east side.
4. **Prize:** \$10. Call the Miner office (341-4235) Tuesday at 2 pm about picking it up.



© Edward Julius Collegiate CW83-10

ACROSS

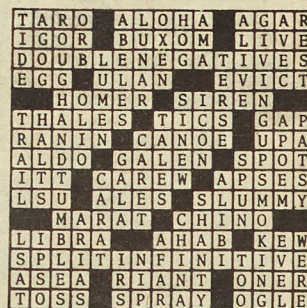
- 1 Dreamer
9 Residence
14 Scraped dry
16 Composer of "Bolero"
17 Give up
18 Western pasture grass
19 Three-toed sloths
20 Bartolomeo Cristofori's invention (pl.)
22 River flowing into the North Sea
24 Stirrup-shaped bone of the middle ear
25 Investor's income (abbr.)
26 "The Taming of the —"
28 Selves
29 Roast: Fr.
30 Faucet
32 Of improving humanity environmentally
34 "The Dark at the Top of the —"
37 Singer — Brewer
38 Rids of pollutants Ohio or Colorado (abbr.)
40 Ohio or Colorado (abbr.)

- 41 October birthstone
42 — shop
44 Bosc and Bartlett
48 Accelerate
49 Lincoln's Secretary of State
51 Fat used in making tallow
52 Fear
55 Ursula Andress' film
56 Was sick
57 One who reconsecrates?
59 Mother —
60 Inhumanly severe
61 Inferred conclusions
62 Loses weight
- 10 Lawyer (abbr.)
11 Outbursts of applause
12 — praecox (madness)
13 Rubber band
15 Failure in school
21 Uncle in "The Addams Family"
23 Sell to the public
27 Homeless child
29 Actor George or Steve
31 Prepared
33 Here rests in peace (abbr.)
34 Mother —
35 Film about far-away places
36 Toward the ocean
38 The act of transporting
39 Roof builders
43 Pertaining to a clan
45 Native of Melbourne
46 Review a case
47 Ship parts
49 Teams
50 "La — Vita"
53 Mexican money
54 — light
58 Noise (abbr.)

DOWN

- 1 Literary compositions
2 Crush (a bug)
3 Swearer
4 Prefix: gas
5 — show
6 — fatuus (deceptive goal)
7 Calm
8 "I Was a — Werewolf"
9 Greek city

answers.



Dune

from page 9

The December publication will bring the in-print figures for the Dune Chronicles to 12 million. Says Berkley Publisher, Rena Wolner, "... as a true classic of its genre, DUNE's appeal is timeless. Its potential for finding new audiences appears to be almost unlimited. Each generation is discovering it anew. We at Berkley are very proud to be the mass market and trade paperback publisher of the Dune epics and are confident that the release of Universal's film version will propel DUNE into an

orbit of success that few books have every enjoyed."

DUNE was rejected by approximately 20 publishers before its publication in 1965. The first printing was only 2200 copies, each now worth about \$600 on the collector market. DUNE won both the Hugo and Nebula awards, and by the end of its first year in print, 2 million copies had been sold.

There have been several attempts to capture DUNE on film. It has

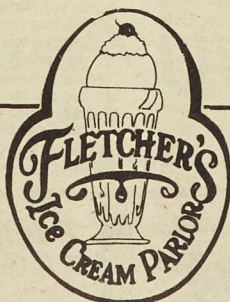
taken the combined talents of Dino De Laurentiis, Raffaella De Laurentiis and David Lynch to succeed, and Frank Herbert is "overjoyed" with the results. Commenting on the rough cut of the film, he said, "When you see the movie, you're going to know you've been to Dune." The author will play a key role in Universal's publicity campaign for the film version of DUNE throughout November and December.

Equinox

The moon and I are sisters
wearing finely tooled masks
of pure shimmering silver
restless waning bodies
draped in heavy cloaks
woven from luminous thread
of dark reflection
Cast out of the sun
to live sheltered within
the nights double shadows
turning men into wolves
turning women into witches
we gaze down from a cliff
screamed by the pulsing tide

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1984, Southwinds

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The winner of last week's crossword is Lisa Hoven. Congratulations Lisa, your \$10 prize is waiting for you.

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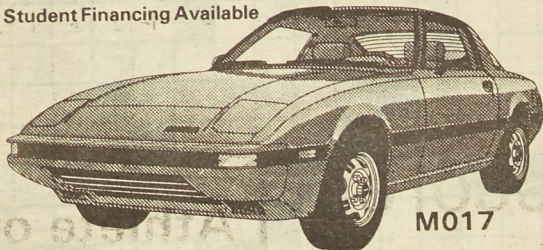
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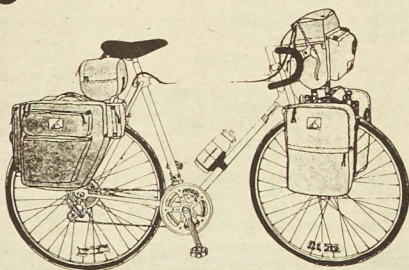
What makes the RX-7 S such a great entertainment value? Its standard features include Mazda's exclusive rotary engine, 5-speed overdrive, front and rear stabilizer bars, full instrumentation, new velour reclining bucket seats, new 3-spoke steering wheel, and steel-belted radials. All standard at a price that makes it unbeatable.

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PARTY LINE

DON'T MISS the Best Ever SANTA BASH, Dec. 7, Friday night at the Baptist Student Union. If you miss one moment, you'll miss SOMETHING BIG!

All Students planning to attend the Life Science Party, please sign up in the Life Science office by Friday, Nov. 16. All information is in the office. Freshmen welcome. Come meet the Life Science staff!

Come to the Campus Clubs 21st Birthday Party, Friday November 16, at 8:00 p.m. Remember YOUR 21st?

WANTED

Wanted: Female roommate to share 2-bedroom apartment next semester. The apartment is fully furnished and less than a mile from campus. If interested call Laura at 364-5191.

Wanted: Writers needed for Sports section of the Miner especially for women's intramurals and wrestling. **PAYS WELL!** Call Chris at 341-5576 or come to the Miner meeting at 8:30 p.m., Sunday in Room 305 Rolla building.

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

FEMALE ROOMMATE WANTED: 1807 Vichy-341-2349. Large house, 2 blocks from campus, washer and dryer, big backyard, 2 baths, friendly-Spring '85.

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GHIA. Light blue, semi-immaculate, \$5,995. 314-364-3376, Rolla.

House For Rent: For Spring and/or Summer 1985. 2 bedroom, large livingroom, fireplace, 2 blocks from campus, \$300/month. Call 341-5574.

PERSONAL

Woodums,
Keep snugglin'. I love you! —Beastie
P.S. Sept. 18th Click

James,
I don't love you anymore. You caused me so much pain and sorrow. —WTZ
(H8U)

Smeeze,
Congratulations for winning the Road Rally! Everyone at TJ is proud of you. Keep up the Good Work. Good Luck in School.
P.S. Rossi, you did a fine job, too!
2 plus 3 equals 5

R.M.
I miss you. —Signed,
A heart with an arrow thru it.

S.N.,
I am not angry with you or with anyone else. I have no reason to be. I guess I'm just the type of person who doesn't like to see anyone upset especially if I know I can do something about it. Besides, I wouldn't want to be the cause of tension between friends. Take care. I'll miss you. —M.

Mr. Ellis,
Congratulations on an impressive job done at the N.S.B.E. Regional Conference. I am very glad that you represented UMR so well. Continue with your success, and may God go with you the entire way.

Fozzy,
Hope you had a great birthday. Be psyched to party at the R-to-R Saturday. Don't drink too much, you know how old folks can't handle their "juice."
—Kivic, Cosmo & Charly's Friend

Vic,
Happy 21st!! Hope you have a great weekend (even though you probably won't remember it!) Beware of the T!

James,
—Your Mean Roomie & Friends
P.S. A temporary safety net will be installed under your bunk.

René,
Another week bites the dust. How about a drink at my place? I've got the mixer. It's the weekend; lets party! —Rat

R.J.,
Happy early 21st, Baba! Looking forward to helping you celebrate. Boy, do I have a surprise for you!
I LOVE YOU!!
Your Mizrou Mama!

Hey Rob,
I figure they won't have a paper on Thanksgiving Day, so HAPPY 21st a whole week early. Let's get S1—WAZ! At least until the following Monday when we have to straighten up just to start over again.
Allen

I had a blast Saturday night. It was great talking with you. You're more than awesome!
—Love, You're C.P.A.

Hi Flippant!
You might have to think twice before you realize this is for you. Then again, you're the only one I've heard use the word and if it weren't for Webster (Me and Webster, we go back a long time) I still wouldn't know for sure what it means.

I still have the spiders you borrowed. I'm holding them for ransom. Call me for details (or just call me).

Enjoy your Thanksgiving Holiday. I hope we can spend some time together then. That would be fun! (As such has been the case lately).

St. Pat's facts:

Any kind of green you need

by Jeff Dawdy

The St. Pats Board now has all sizes of sweatshirts and sweatpants in stock. If you've been trying to buy some green for yourself or maybe for those on your Christmas list, now is the time to do so, so stop by the Hockey Puck this week, and get whatever you've been needing.

Did you know?

The legend of St. Patrick proclaims that he drove the snakes out of Ireland. Apparently the Druids had a form of snake worship and St. Patrick, Ireland's patron saint, gradually destroyed the Druids power, thus driving the snakes from Ireland. St. Pat died on March 17 at Armagh, and that date, not his birthday, is celebrated by Irishmen throughout the world. And thus we the students of UMR have only 119 days left till the Best Ever St. Pat's '85.

Dancing the night away

by: Michael Walsh

Another charity drive to raise money wrapped up this past weekend. The annual APO Danceathon raised upwards of \$4000 for charity. The dance started at 6:30 on Friday evening and officially ended at 1:00 a.m. Sunday morning. There were approximately 60 people to start. Some people couldn't keep up the pace and the dance ended with around 48 people left.

There were games and prizes to keep the dancers occupied during the early morning hours of the dance. Both Friday and Saturday evenings there were open parties from 8 to 1 at the armory with free drinks for the dancers.

Food was provided by various sponsors, including most of the pizza places in Rolla. Dancers were allowed two breaks of two hours each for sleep, and half hour meal breaks.

If you didn't get a chance to dance this year or even sponsor a dancer, you can try again next year. Maybe APO will continue to set new records for charity. Next year everyone should get out and dance your buns off.

Sally Jensen
Owner

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Miners finish season 6-4

by Jim Harter

As the Miner bus departed last Friday afternoon destined for Maryville, Mo., the trip represented more than just the final game of the season. The 6 hour journey to Rockenbrode Field was the last collegiate football game for many of the Miners. Last Saturday the seniors concluded their football career at UMR with a 14-6 loss to the Bearcats of Northwest. The defeat was a bitter one physically as well as mentally. The Miners battled the weather along with the Bearcats, but the 30 degree temperature and 50 mph gusts sided with the host team to victory. Reaching the endzone first, Mike Schafer scored on a one-yard run to give UMR an early lead 6-0

with the point after kick missed. Northwest stormed back and scored on a 10-yard pass from quarterback Brian Quinn to Dan Anderson. Pat Johnson put the Bearcats ahead 7-6 as he converted on the PAT. Brian Quinn led the MIAA last season in touchdown passes with 15 and looked sharp all afternoon. UMR senior quarterback, Joe Kaczmarek closed out his Miner career on the turf as he was stunned by a Bearcat in the second quarter, and was forced to leave the game a little dizzy! Sophomore Dave Andrzejewski came off the bench unprepared and unexperienced, but looked impressive as he connected with junior tight end John Gregorich on few strikes. Dave's performance

gave a good indication of his ability to step in next season as the starting quarterback. The first half ended with the Bearcats on top as no one scored in the second quarter.

The score remained the same until the fourth quarter. Brian Quinn snuck into the endzone on a one-yard run to increase the Bearcats lead. Pat Johnson again hit the PAT to give the Bearcats a comfortable lead, 14-6. As the final seconds ticked off the scoreboard, the Bearcats registered their 10th victory against no defeats. Northwest is 5-0 in conference play and the 1984 MIAA champions of the gridiron.

Coach Vern Thomsen has really turned the Northwest program

around as their record last year was 5-6 overall, and 1-4 in the MIAA. The Bearcats are ranked fifth nationally in NCAA Division II. UMR has struggled to a 6-4 overall record while 2-3 in the MIAA. The Miners started the season hot as they won their first five games manhandling their opponents. The Miners though have a lot to be proud of as they were once ranked sixth in the NCAA Division II. The Miner's offensive line was second to none all season long. They opened holes up and down the field. The running backs can attest to that.

For the Miners, senior running back Mike Schafer was the offensive star while senior Randy Caruthers and Glenn Wilhelm

were the defensive stars.

As for those UMR players who have for the last time removed their helmets, taken off their shoulder pads, and kicked off their cleats, an empty feeling arises. Gone are all those detested grueling practices, but some memories still seem alive. After 28 victories and a 1983 MIAA Championship season, tomorrow just seems like another day. Senior Co-captain, and All-Conference lineman Jeff Heger concludes, "Time changes, and life goes on. There are other things to accomplish, and now is a time to start something different." Congratulations go the 1984 UMR football team for a job well done. IF YOU DID YOUR BEST, YOU HAVE WON.

Basketball

Gibson aims to be leading scorer

by Mark Buckner

The UMR men's basketball team begins its season Saturday at home against Indiana State-Evansville. Athletic Director and Head Coach of the basketball team Billy Key said that IS-Evansville has a real good team, and that the game should be "a tough battle."

The Miners are coming off a good 1983-84 season. The Miners finished with an overall record of 14-9, but had a disappointing record of 4-8 in the MIAA Conference. "Totally, we had a pretty good season, but we didn't do well in the conference," Key said.

Leading the way for the Miners will once again be Curtis Gibson. Gibson, a senior, has made the MIAA First-Team for the past two years and would become the first Miner to win the honor three consecutive years if he wins it again this year.

Gibson has also won All-District honors for the past two seasons and Gibson needs only 219 points to become the all-time leading scorer in Miner basketball history. If Gibson doesn't suffer an injury, he'll get the record without any problem. He led the team in scoring with a 17.3 points-per-game average and also led the team in rebounding with an average of 6.5 per game.

"Gibson is an all-around player," said Key. "He's an aggressive, hard-nosed player. We'll depend a great deal on him. Hopefully, he'll get some help from the returning players so they can take the burden off his shoulders."

For the past two years, Key has tried to come up with a good power forward to go alongside Gibson.

ing center. According to Key, one thing that Moellenhoff lacks is the ability to score points, and another factor is that Moellenhoff needs to improve his rebounding. Key also said that Moellenhoff is one of the best defensive centers that Key has ever coached.

Two of the biggest holes the Miners have to fill are the two

lenhoff, and Stange] improve," said Key when asked if the team could have another good year. "We'll do many of the same things we did last year. We run a control offense. We'll use the fast-break when given the opportunity," Key said. Defensively, the Miners will use different types of defenses, depending upon who the Miners' opponent is. According to Key, the Miners will play a zone defense and a man-to-man defense.

The freshmen that have impressed Key during the team practices are Huddleston and Tim Huddwalker. Both players will probably be slowly worked into the lineup; Huddleston is a guard from Decatur, Ill., while Huddwalker is a forward from Farmington. Said Key about Huddleston, "He's a good prospect. We think he's going to be a good player for us."

The main strength the men's basketball team has is shooting the ball. "We're an exceptional shooting team," Key stated. "That's the reason we won so many games last year." Gibson, Zarr, Stange, O'Kraski, Cunningham, and Huddleston are all very good shooters.

Where there is a strength, there is almost always a weakness. "We do not have quickness. A lot will depend on how our guards will

guard spots. Stan Shuemaker shot over 55 percent from the field, averaged almost six assists a game, and had a 14.4 ppg average. Todd Wentz shot 48 percent from the field, 83 percent from the foul line, and averaged 12.8 ppg. Shuemaker and Wentz are no longer here, and Key hasn't yet decided who are going to start in their place. Juniors Dan Tappendorf and Joe Cunningham, sophomores Stu O'Kraski and Bill Walker, and freshman Duane Huddleston are all battling for the two starting guard spots.

"I think this year will depend on how the three juniors [Zarr, Moel-

BASKETBALL

Junior Kris Stange (4.1 ppg last year) started most of the games last year at power forward. Stange has been battling with junior Mark Zarr during the pre-season to determine who will get the starting spot. Both Stange and Zarr (8.0 ppg, 4.8 rebounds) have good jumping ability and are good rebounders. Key has decided to start Zarr at power forward while Stange will play the role of sixth man. Senior Kevin Graves, a transfer from North Iowa Junior College last year, will be the reserve power forward.

Junior Dave Moellenhoff (4.4 ppg, 3.6 rebounds) will be the start-

see B-Ball page 16

M-Club

Athlete of the Week



Amy Volmert. (Photo by Karl Gress.)

The M-Club would like to congratulate Amy Volmert for her 10th place finish at MIAA Cross Country Championships. She ran the 5000 meter course in 20:41 in the rain. Amy became the second woman in Miner cross country history to gain all-conference honors. Amy is a freshman in Civil Engineering from Vienna.

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PEACE CORPS

Soccer looking towards better season next year

by Mark Buckner

The men's soccer team will remember one game more than any other game of the '84 season. Against Northeast Missouri State, the Miners had a chance to win the MIAA Conference and possibly get a spot in the playoffs. But not only did the Miners lose 1-0 to Northeast, the Miners also failed to win the conference, and they weren't able to get a playoff berth.

"Our most disappointing loss was against Northeast," said head coach Paul McNally. "We thought we could win, and they [NEMO] thought we could win."

For the year, the men's team finished with a very respectable record of 9-5-4 and 1-1-1 in the conference. When I asked McNally if he was satisfied with the record, I thought he might say yes, but he quickly said no.

"It could have been better. It's a record I can live with. We showed lack of intensity a couple of times. We tailed off at the end," said McNally.

At least five players won't return to the team next year due to graduation. The five seniors are Hardy Adjunta, Bryan Dickerson, Scott Jascowjak, Kevin Kennoy, and Clay Merritt. McNally had praise for all five players; he said Dickerson was the first player he ever recruited as UMR soccer coach. McNally referred to Dickerson as "an excellent player," and he also feels that Kennoy should be

an All American.

UMR had a good recruiting year and, brought in five new players. Three of the five freshmen made a very significant contribution to the team. The three freshmen are Kevin Gibson, Mike Ritchie, and John Laaker.

"I think Kevin stepped in and his season surpassed what we thought he would have. We thought he would make a lot of mistakes, but I'm not sure it ever happened. I thought he had a real good year," said McNally about Gibson. Gibson had a big hole to fill this year because he was the player who had to replace Matt Budd.

Not only does McNally have high hopes for Gibson, but he also is very high on Laaker. "Of all the freshmen we brought in, Johnny started the least number of games, but he may be the best of the five," McNally said. "We'll look to next year for John to play a big role for us. I look for John to improve and become a very good player."

As for Ritchie, he also had a good freshman year. Ritchie scored six goals to lead the team in scoring along with sophomore Mike Lane and junior Jeff Smith.

"Jeff had an outstanding season," said McNally. Smith was twice named the MIAA Conference Player-of-the-Week. Smith may have been the most important player for the Miners this year because with the two conference player honors and scoring six goals

this year, McNally said, Smith has two main priorities to the club. "His first role is to deny the playmaker from the opposing team, and his second role is to be our playmaker."

Another member from the team that had a good year was junior Steve McVey. For the first two years, McNally didn't have a lot of confidence in McVey, but McVey is a more-improved player. "He came off the bench, and gave us a spark," said McNally.

With the acquisition of the Holsum Building, McNally is hoping that part of the building could be used for an indoor sports facility. The facility could be used for soccer practices as well as a training center for other sports like track, football, and baseball. The indoor facility could be used for the players to train during the off-season.

McNally said that if the soccer team is to improve, then three things must happen. First, the Miners need a good recruiting effort for the upcoming year. Second, the players need to get into the weight room and get stronger and faster. Third, the team needs to work out during the off-season and try to stay in good shape. McNally said that if all three happen, then the men's soccer should be an improved club next year and win the MIAA Conference and get a playoff berth

Cross-Country

Women finish season at SIU-E

by Anne Werner

The UMR Women's Cross Country Team completed their 1984 season Saturday, November 3 at the NCAA Great Lakes Regional Meet on the campus of SIU-Edwardsville. The meet included twelve teams from Missouri, Illinois and surrounding states in the Great Lakes Region.

The sky was clear Saturday morning, but the course was still wet and muddy in several areas. The 5 Kilometer race began at 11:00 am with 82 runners competing. The Miner team placed 10th overall, defeating Northern Michigan University and Lewis College. The team scores were as follows: SEMO-30; Ashland-52; Ferris State-135; CMSU-145; St. Joseph College-149; NWMO-188; Indiana State U-Evansville-224; Bellarmine College-225; UMR-235; Northern Michigan-267; Lewis College-316.

Julie Board was the first runner to finish for UMR in 22nd place with a time of 19:52. Miner runner Amy Volmert was next as the 33rd place finisher in the race with a time of 20:24. Elizabeth Hanning placed 57th, followed by Laura Ford in 64th place, Amy Noel in 68th, Samantha Moss in 75th and Anne Werner in 79th.

The first place finisher in the race was Darla Curp from Central Missouri State. Her time was 17:35. Curp was far ahead of second place finisher Christine Ritenour from SEMO with a time of 18:03 and third place finisher



Freshman Julie Board finishes first for the Miners at the regional meet. Julie has led the Lady Miners this year and will be one of five returning runners next year. (Photo courtesy of Rollamo.)

Debra Kilpatrick also from SEMO, with a time of 18:10.

This meet completes the third season for the UMR Women's Cross Country Team. The team finished much better this year than in the past according to Coach Sara Preston. Although the Miners placed only tenth, they defeated two teams at the regional meet which were ahead of UMR last

year. Only two members of the team, Laura Ford and Anne Werner will be graduating this year, but five runners Julie Board, Amy Volmert, Amy Noel, Samantha Moss and Elizabeth Hanning will return for next season. Coach Preston is hoping to recruit some new runners for next year and continue building one of the few women's varsity sport teams at UMR.

Intramurals Billiards, tennis and table tennis completed

by Ty Van Buren

Billiards wrapped up with Kappa Sigma taking second in doubles and sixth in singles which gave them first overall with 105 points. Phi Kappa Theta and FELA tied with 100.5 points. Phi Kappa Theta came in second in singles and eighth in doubles. FELA took first in singles and ninth in doubles. Sigma Phi Epsilon and Tech tied for third with 94.5 points. Sigma Nu tied with Campus with 88.5 points for fourth. For fifth place there was a three way tie between Sigma Chi, Sigma Tau Gamma and Tau Kappa Epsilon with 81 points.

Men's tennis finally finished with Pi Kappa Alpha and FELA in first place overall. Pi Kappa Alpha took second in doubles and fourth in singles. FELA took third in both singles and doubles. Lambda Chi placed second with a first in doubles and eighth in the singles. RHA, VSA and Tech all tied for third. Tau Kappa Epsilon finished fourth. Phi Kappa Theta and Sigma Nu tied for fifth.

Intramural table tennis matches were played this weekend to determine winners in both singles and doubles competition. As of this date Sigma Phi Epsilon, Tau Kappa Epsilon and Campus Club are tied for first.

Congratulations to Andy Jones from Delta Tau Delta who received Athlete of the Week. Andy is a freshman who scored 8 out of 13 goals in Delta Tau's big win soccer game.

Kappa Alpha's undefeated volleyball team was named Team of the Week.

In the Women's Division, congratulations to Hanan Atalla from RHA for being Athlete of the Week for her tennis participation. Kappa Delta's volleyball team received Team of the Week.

Soccer is going along well with Kappa Sigma and Sigma Phi Epsilon undefeated in Division I League 1. In league 2, Sigma Nu and Tau Kappa Epsilon are also both undefeated. In Division II League 1, Phi Kappa Theta and ISC are both undefeated. Delta Tau Delta is the only undefeated team in League 2.

NOTES: NEXT I.M. MEETING WILL BE NOVEMBER 28. The intramural association has purchased indoor/outdoor portable scoreboards.

Jim Clossick takes first in SUB Triathalon

On a cold day on the fourth of November courageous athletes from the University of Missouri-Rolla participated in the Student Union Board's Triathalon. Jim Clossick completed the 50 yard swim, 16 mile bike and 5-K run way ahead of the rest of the field. Good job Jim on this valiant effort! Also participating in the race and pictured in last week's Miner was Leonard Keillman.



Competition was fierce in both intramural table tennis (left), held last weekend, and billiards (above), held two weeks ago. (Photos by Frank Lahm and Mike Scalora, respectively.)

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Rugby 1-2 in tournament

by Chip McDaniel

The UMR Rugby Club traveled to Little Rock, Arkansas last weekend to participate in the Eleventh Annual Ozark Rugby Tournament. The tournament was sponsored by the Ozark Rugby Union and features the best teams in the Ozarks and surrounding areas.

The competition this year included sixteen men's teams and eight women's teams from as far away as Dallas, Baton Rouge and Omaha, and as close to home as St. Louis.

UMR's first game was played on Saturday morning against the Twin Cities Rugby Club of Little Rock. Even though the UMR team played well, Twin Cities managed

to pull out a victory and send UMR into the consolation bracket.

Later that afternoon, UMR took on the Army boys from Ft. Sill, Oklahoma. In a very physical game, UMR fought for ball control against one of the biggest teams in the tournament. After a grueling game, UMR had posted its first victory of the tournament.

Sunday's game was played against the Oklahoma City Club team. Oklahoma fielded a very good team, and quickly took advantage of the effects of partying that seemed to plague the UMR side. It took a few scores to shake UMR back into the game, but then the team came alive and played

good rugby. They couldn't quite post enough points to win though and had to accept their second defeat of the tournament.

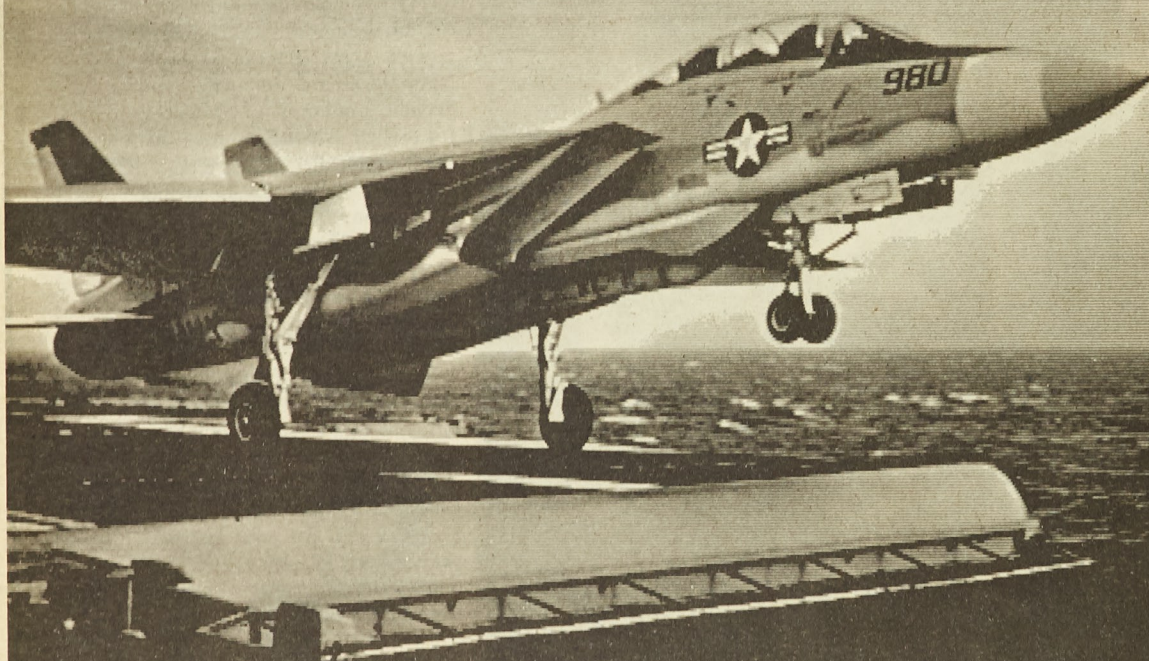
The tournament provided the UMR team a chance to play some very good clubs. Good clean games were the standard, and sportsmanship was evident both on and off the field. All in all, the weekend was a great time with good rugby.

This weekend is the Rugby club's last game of the season. It will be against SMSU at 1 p.m. Saturday at Fraternity Row Field. Everyone is hoping for a big win to finish off the season and get next semester started with a bang.



Steve Shinn competing in the black belt middleweight division jams his opponent's kick. (Photo courtesy of Rollamo.)

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Taekwondo

by Mike Himmelberg

The UMR Taekwondo Club travelled to Carbondale Illinois last weekend to participate in the 1984 Midwest Taekwondo Championship tournament.

Despite the bad weather throughout Southern Illinois, about 250 competitors from all over the Midwest made the journey to the tournament.

In the green belt light weight sparring division, Don Rhea fought with solid defense and strategy to take first place. Along the way he avenged a previous loss to last year's white belt champion.

Steve Shinn, weighing in at 160 lbs., faced heavier opponents in the black belt middleweight division, but still managed to score two knockdowns and capture first place. This is the second year in a row that Steve has placed first in this tournament.

In the yellow belt heavyweight division Mike Hughs fought aggressively but lost 1-0 on a controversial point.

Ennis Jones showed his much improved form in the white belt forms, but failed to place in the top 3.

The tournament also had many exciting demonstrations by the masters which featured such feats as jumping over 8 standing people and breaking two boards.

Steve Shinn was also honored for his "outstanding dedication and service" and was presented with a plaque from the tournament's director.

Although this was the last tournament of this semester, the club is looking forward to promotional belt testing at the conclusion of this semester and continued tournament success next semester.

B-Ball from page 13

come along and how our three juniors [Zarr, Moellenhoff, and Stange] will improve this year," said Key.

Key said that the MIAA is becoming a tougher conference each year. Key stated that all the teams in the conference have improved from last year, he said that CMSU will probably win the conference again this year if the team doesn't suffer any injuries. CMSU became national celebrities last year by winning the NCAA Division II National Championship in Springfield, Mass.

Come out and watch the Miners this year because this will be the last year for Gibson in a Miner uniform.