



07 Sep 1978

The Missouri Miner, September 07, 1978

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The Missouri Miner

Official Publication of the Students of

University of Missouri-Rolla



#3

UM Funds To UMR Faculty

By MARILYN KOLBET

With the intent to retain and attract high-quality faculty, the University of Missouri allotted a total of \$1.4 million in a faculty improvement fund to the four campuses.

UMR received \$184,000 from the fund, allowing \$163,700 for salary increases. The remainder went toward the improvement of staff benefits, such as the retirement plans. This last allowance was stipulated by the fund, which specifically set aside \$163,100 of the original amount for this purpose.

Through the fund, 136 faculty members received salary increases, as did one currently vacant position. The raises ranged from \$500 to \$2,690 a year.

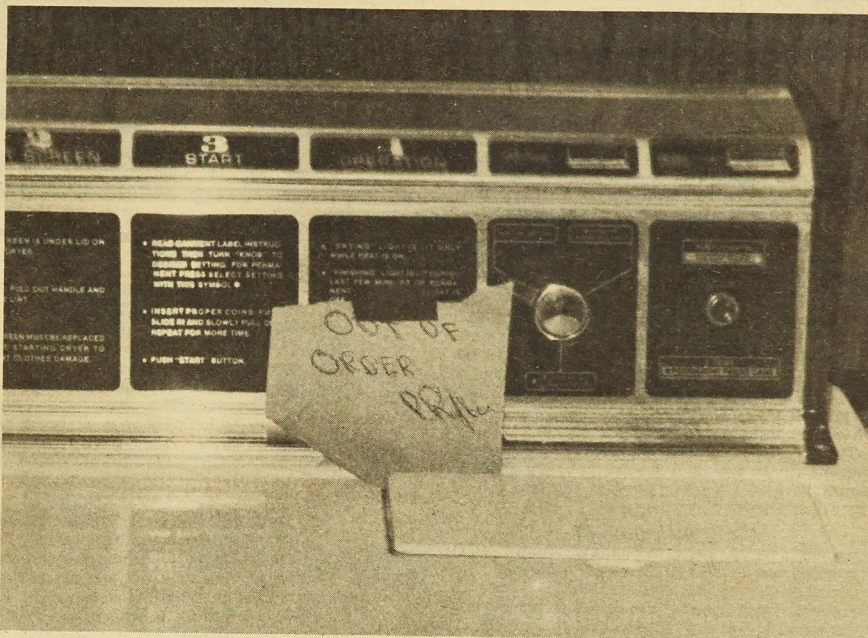
According to Dr. Jim Pogue, UMR's dean of faculties, "The

Missouri legislature voted for the fund especially to assist the University of Missouri in overcoming a growing salary difference in Missouri and other schools."

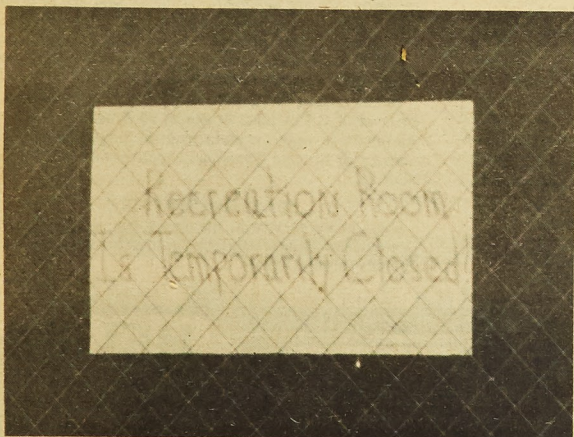
Dr. Pogue further explained that the amount that each campus received was determined by the size of the faculty and from the results of studies on how far the present salaries were out of line with the average.

The Columbia campus received \$592,900; Kansas City, \$309,700; and St. Louis, \$105,300. The University of Missouri Extension Service and research program statewide were allotted \$83,200.

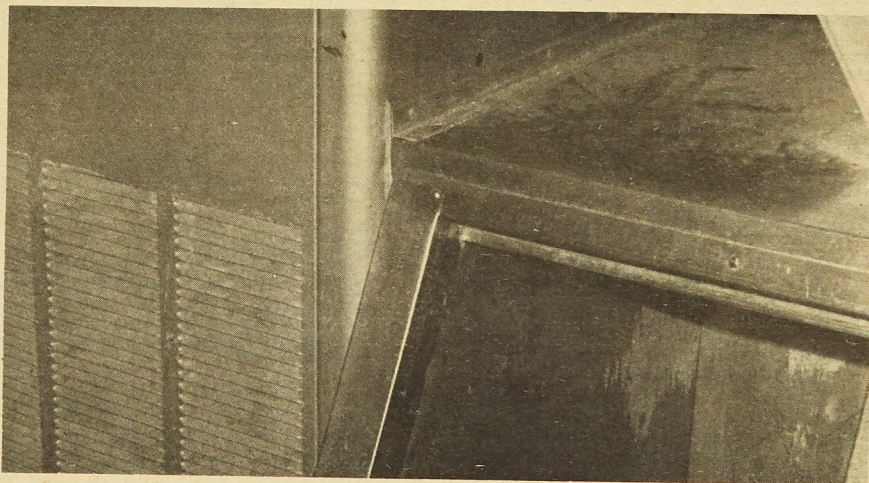
Not including the faculty improvement fund, UMR's faculty and administration received on the average an 8.1 percent raise, totalling \$979,200 this year.



For those of you who don't know your way around yet, these are facilities in the basement of Holtman Hall on the quadrangle for RHA members to do their laundry ...



... play pool, foosball, and pingpong...



...and obtain ice for cooling their favorite beverages.

(Miner photos by Roy Willis)

New Faculty Announced

A total of 30 individuals have been added to the UMR faculty. A brief resume for each brief resume for each follows:

SCHOOL OF MINES AND METALLURGY

Argyle Douglas Stewart Gillies, assistant professor of mining engineering, is currently finishing his requirement for a Ph.D. in mining economics from the University of New South Wales, Kensington, N.S.W., Australia. A native of that country, he

received his B.S. in mining engineering from the same institution in 1974.

William Richard Tankersley, lecturer in petroleum engineering, received his B.S. degree in mining engineering (petroleum option) from UMR in 1952.

SCHOOL OF ENGINEERING

Dr. Neil L. Book, assistant professor of chemical engineering, received his B.S. degree at UMR in 1972 and his M.S. and Ph.D. degrees in 1974

and 1976 from the University of Colorado.

Dr. Theodore E. McCracken, assistant professor of electrical engineering, received a B.S. degree from Southwest Missouri State University, Springfield, in 1959, and his M.S. and Ph.D. degrees in electrical engineering from UMC in 1970 and 1974.

Lee Franklin (Peter) McCue, lecturer in engineering

(Cont. on p. 4)

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St. Pat's Septemberfest- Friday -Lion's Club

Schedule of Events

THE MISSOURI MINER

September 7, 1978

Page 2

All notices to appear in the Schedule of Events section should be typed and deposited in the north door of the Miner office no later than 9:00 P.M. Monday night for Thursday's issue.

Thursday

AIAA PROGRAM

The first meeting of the semester of the AIAA—American Institute of Aeronautics and Astronautics—will be held on Thursday, Sept. 7, at 7 p.m. in G-5 of HSS. Dr. Jerry Cline of McDonnell Douglas Astronautics will present a program on solar system exploration and the Galileo mission to Jupiter. Memberships and local dues will be taken, and refreshments served after the meeting.

MSM CLIMBING CLUB

Meetings every Thursday 6:30 p.m., Room 305 Norwood Hall. Learn the art of climbing and repelling.

UMR PHOTO CLUB

The UMR Photo Club will have its second meeting of the semester at 7:00 p.m. on Thursday, September 7, in the Ozark Room of the University Center West. Agenda includes voting on proposed constitutional amendments. Also, new memberships will be taken. All students and faculty are welcome.

ASTRONOMY GROUP-SOCIETY OF PHYSICS STUDENTS

Tonight, September 7 at 7:00 in Rm. 104 Physics, the UMR Astronomy Group of the Society of Physics Students will hold its first meeting of the year. This organization is open to students from all majors and all levels. This evening's program will consist of two films, ordered especially for this occasion from the Kitt Peak National Observatory. Following the meeting, a tour of the UMR Observatory may be arranged. So if you have an interest in astronomy at all, or would like to develop an interest, we hope you will join us tonight!

This meeting will also be a general membership meeting for the SPS, so if you are a physics major or simply have an interest in physics, you also will be more than welcome at this meeting.

CHI EPSILON SMOKER

A smoker for all prospective initiates to Chi Epsilon Fraternity will be held on Thursday, September 7 at 7:30 p.m. in Centennial Hall East. This will be a chance for present and prospective members to get acquainted. All present and prospective members should attend.

CAMPUS SHOWCASE

The Student Union organization is sponsoring a Campus Showcase Thursday, September 14, in the St. Pat's Ballroom. All honorary and professional societies and special interest clubs who want to acquaint UMR students with their organization on campus are invited to participate. Deadline for contacting the Program Office, 115 Recreation Room in the Student Union, is September 7.

PHYSICS COLLOQUIUM

Dr. Jack Boone, associate professor of electrical engineering, will speak at a physics colloquium Thursday, Sept. 14, 4 p.m., Physics 104. Title of his talk is "The Quest for New Photovoltaic Materials." Coffee will be available at 3:40 p.m.

Friday

GEOLOGY MIXER

The Geology-Geophysics department will host an Ice Cream Social on Friday, Sept. 8 at 6:30 p.m. in St. Pat's Ballroom. All members of the Geology-Geophysics department are urged to attend.

THETA TAU MEMBERSHIP APPLICATIONS

Applications for membership in the Professional Engineering fraternity, Theta Tau Omega, can be picked up at the candy counter, now through Sept. 8th. Friday, Sept. 8th is the deadline so all you juniors with 50 hours or more hurry down and get your application.

NEED MONEY?

Student Council is now accepting appropriation requests for this year. If your organization does not receive student activity fee money, then your group may be eligible for some money. Application request forms can be picked up at the Student Council office upstairs in the old Student Union. The request forms must be filled out and turned in to the Student Council office by Sept. 15 so don't delay. If you have any questions stop by the Student Council office or see Scott Diermann 602 T.J. Hall.

SEPTEMBER-FEST

The St. Pat's Board is sponsoring UMR's first annual September-fest. It will be at Lions Club Park, Friday, September 8, from 2-6 p.m. Admission is \$1.50 including a button (all you can drink). Music by Terry Beck will be provided. Buttons are available from any St. Pat's Board Rep.

PHI KAP LITTLE SISTERS' RUSH

The men of Phi Kappa Theta invite all interested coeds to a Little Sister rush disco and tea, 8:30 p.m. Friday, at the Chapter House, 707 State St. Transportation provided if needed, call 364-9792.

Saturday

SIGMA TAU GAMMA LITTLE SISTERS RUSH

The men of Sigma Tau Gamma will hold a Disco tonight, Saturday, September 9 for all women interested in their new Little Sisters program, especially those that may have missed the tea and bar-b-que Wednesday. The music and your favorite beverage starts flowing at 8 p.m. at the Sig Tau house, 5 Fraternity Drive. For more information or transportation call the Sig Tau's at 364-9762.

WIVES AFTERNOON

Saturday, September 9, 1978, 1:00 p.m. St. Pat's Ballroom-University Center West. You are invited to a welcoming of all student wives. Bring your questions and join us, various faculty personnel will be on hand to answer them. Let us help acquaint you with the University and what to expect during your stay here. Light refreshments followed by a brief tour of the campus will complete the afternoon. Cathie Hopkins, Hostess (314) 364-8723.

OPEN WATER SCUBA CERTIFICATION PROGRAM

Instruction begins Saturday, September 9, 1978 at 8:30 a.m. For further information, contact Bill Kratzer, UMR Extension Division, 501 W. 11th. Rolla, Missouri. (314) 341-4200.

Sunday

ATTENTION CHEMISTS

On Sunday September 10 at 1:00 the Student Affiliate of the American Chemical Society, the W.T. Schrenk Society will be having a picnic. The picnic will be held at Pavilion No. 3 in Lions Club Park. Dinner will be served at 4:30. All Chemistry majors; especially Freshman, are urged to attend. Graduate students and faculty are also welcome.

Monday

CHEMISTRY SEMINAR

Dr. G. Ray Cuthbertson, professor of engineering management, will conduct a chemistry seminar Monday, Sept. 11, 4:30 p.m., Chemistry-Chemical Engineering 125. His topic is "Industrial Research for Profits." Refreshments will be available at 4 p.m.

NUCLEAR ENGINEERING SEMINAR

"Energy Policies: Dynamic Simulation" is the topic of a nuclear engineering seminar scheduled Monday, Sept. 11, 3:30 p.m., Humanities-Social Sciences G-5. Speaker is Dr. D. Ray Edwards, professor and head of nuclear engineering. Refreshments will be available at 3:15 p.m.

Wednesday

SWEATSHIRT DESIGN

St. Pat's 1979 Sweatshirt Design Contest is underway with the deadline being September 20. First prize will receive \$35, second \$20 and third \$10. Entries should be submitted to your St. Pat's Board Rep.

Noday

YEARBOOKS IN

The 1978 Yearbooks are in and will be distributed Sept. 6, 7, 13, and 14 at G1 Rolla Building, bring your valid UMR ID.

ATHLETIC MANAGERS

Managers are needed for water polo and swimming. Two (2) managers are needed for polo and three (3) to five (5) for swimming, depending on lab schedules. Anyone interested contact Robert Pease, swimming coach and polo advisor, at the Multi-Purpose Building.

NATIONAL COLLEGE POETRY CONTEST

Two hundred dollars is being offered in cash and book prizes and free printing for all accepted poems in the ACP Anthology, will again be of special interest to all collegiate poets as it provides for them a source of inspiration and encouragement and a unique, intercollegiate outlet for their literary ambitions. The forthcoming ACP Anthology will be the seventh edition since it was first published in 1975.

BLUE KEY PLEDGING

Blue Key is now accepting applications for fall 1978 pledging. We are looking for students who are of good character and have demonstrated leadership capabilities in extracurricular activities. Blue Key sponsors the student directory, Resume Service, Miner of the Month, and the Leadership Forum.

Requirements for membership are 1) 60 credit hours, 2) Overall G.P.A. of 2.60 and 3) 40 Blue Key points. Applications may be picked up at either the candy counter or Student Personnel. Application deadline is Sept. 10.

SNACK BAR SERVICE

Short order service at the Snack Bar in University Center West is now available from 6:30 to 10:30 p.m. Monday through Friday.



Are The Machines In Your Fraternity, Sorority or Dorm Serving You Well? If not, you're welcome at

TOWN & CAMPUS SELF-SERVE LAUNDRY

207 W. 11th Street (Across the street from University Center Parking Lot)

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Present this ad and receive one free box of laundry detergent. (Offer good only with wash. Expires September 30 1978)

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PG

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TELEPHONE 364-1857

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Held Over!



ROLLA DRIVE IN THEATRE
TELEPHONE 364-1502

Open 7:15 Starts at Dusk

Held Over!

THE DRIVER

PG

THUNDER AND LIGHTNING



Miner Trivia Time

Just clip this handy, little form along with the group appearing in the picture, and the last time they played a concert in Rolla. Easy question, right? So, just

bring it over to the Miner Office, T-1, before Thursday, Sept. 14 for entering. Winner will be chosen on basis of promptness and accuracy (worth \$5.00 and your name

in the paper).

This contest open to UMR students, please. All rights reserved by the Missouri Miner.

Get A Taste Of The "Good Ol' Days", Sept. 8

SOURCE: OPI

The longing lookback at the good old days which has so much appeal in today's complex and fast-moving society has been marvelously captured in a film feature, the Schlitz "Spectacular of Yesteryear." Distilling the essence of nostalgia into pure entertainment, the film takes you back to by-gone times of yesterday's fashion, heroes and lifestyles. Will Rogers, Teddy Roosevelt, Clark Gable at his handsomest, Marilyn Monroe at her loveliest, Babe Ruth at bat, the last days of Lou Gehrig, the early drama of air travel — they're all part of the magic of

the Schlitz "Spectacular of Yesteryear", along with some of the tragedy such as the Hindenburg disaster and other memorable events.

Compiled from the archives of the largest single newsreel historian in the U.S. the "Spectacular of Yesteryear," is unique. There are laughs, tears and nostalgia for everyone.

So come to Centennial Hall, Friday, September 8 or September 9, at 8 p.m. for the Schlitz "Spectacular of Yesteryear", brought to you by the Student Union Organization through the courtesy of Broyles Distributing Company and Jos. Schlitz Brewing Company.

The 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. This MISSOURI MINER features activities of the students and faculty of UMR.

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Miner office phone 341-4235.

Subscriptions are available to the general readership at a rate of \$3.00 per semester.

Articles and photos for publication in the MINER must be in by 9 p.m. on Monday before printing on Thursday.

THE MISSOURI MINER
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University of Missouri-Rolla
Rolla, MO 65401

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Hey, How About These New Guys?!

Campus Digest News Service

College freshmen this year are more interested in entering business and making money than those of a decade ago, a new survey shows.

This is the 12th annual survey conducted by the American Council on Education with the assistance of the University of California at Los Angeles.

Alexander W. Astin, conductor of the surveys, received almost 300,000 responses from 548 colleges and universities from across the country.

"Students are becoming increasingly materialistic," Astin said.

The percent of students who want to be "very well off financially" has risen from 40.1 percent in 1967 to 58.2 percent last fall.

Freshman's future plans show a rising interest in business. 6.5 percent more students are interested in entering the business world after they leave school.

More students are going to college to earn more money,

says Astin. 62.1 percent of the freshmen interviewed stated this reason for school.

Freshmen also are going to college to improve their reading and study skills. "More students than ever say that an important reason for going to college is to improve reading and study skills," according to Astin.

But Astin also discovered that the 1977 freshmen are markedly deficient in several areas of knowledge. For example:

— Only 29.7 percent of '77 freshmen can describe their personal rights as guaranteed by the Bill of Rights.

— Only 19.3 percent of the freshmen can use a slide rule.

— Only 7.8 percent can identify classical music by titles and composers.

But one of the most telling figures is that only 22.2 percent of the '77 freshmen now know the difference between stocks and bonds as compared to the 40.8 percent in 1967.

If freshmen are as business oriented as Astin says they are, these freshmen have a lot to learn.

News

Movie Series Presented

SOURCE: OPI

Seminar on the Arts is presented by University of Missouri-Rolla to promote interest and appreciation of various forms of the arts and to make professional works more accessible to the community.

Throughout the year, programs in theatre, music and film are offered which involve class discussions and lectures as well as attendance at professional performances.

This film series is open to all persons interested in learning more about the art of cinema and attending the selection of movies. The program includes viewing of selected films and discussion after each movie.

"Tradition in Change: An Investigation in Contemporary Values Reflected in the Cinema" is presented by the Humanities Department and Extension Division, University of Missouri-Rolla, and is supported in part by a grant from the Missouri Committee for the Humanities.

Instructor and Course Director is James Bogan, UMR Instructor in English.

General Information

Location and Time: Films will be shown in the Mechanical Engineering Auditorium on the UMR campus at 7:30 p.m.

There is no fee for participation in this program and pre-registration is not required. All films are open to the public at no charge.

For additional information, please contact Norma Fleming,

Extension Division, UMR, Rolla MO 65401. (314) 341-4201.

September 7

EAST OF EDEN — James Dean, Julie Harris, Raymond Massey, Burl Ives, Jo Van Fleet, (Technicolor) "East of Eden" based on the work by John Steinbeck is a modern-day adaptation of the Biblical Cain and Abel story. Directed by Eliz Kazan.

September 14

LOUISIANA STORY and THE RIVER — Robert Flaherty captures on film the real life of the bayous of Louisiana and a 12-year-old Cajun boy as he plays, hunts, fishes the swamplands. Film courtesy Exxon Corp. "The River" is a non-fiction film of the history of the Mississippi River. Directed and written by Pare Lorentz.

September 28

RAMPARTS OF CLAY — The drama of a young woman unable to accept the subservient role that her people's ancient traditions demand of her. Directed by Jean-Louis Bertucelli. Lecture.

Oct. 12

THE GREEN WALL — This Peruvian film deals with a family's adjustment to the jungle and governmental bureaucracy.

Lecture by Dr. Erwin Epstein.

Oct. 5

A LESSON IN LOVE — Directed by Ingmar Bergman. This film celebrates the reconciliation of an uneasily married couple.

Oct. 19

Christopher Jewelers
805 Pine Rolla, Mo. 364-2264

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After a busy rushing season, Sigma Chi Omega's new house is quiet. With a total of 25 members, Sigma Chi plans on joining a national sorority sometime within the next six months.

(Photo by M. Murphy)

Jackling Institute Attracts Mines And Metallurgy Students

By MARILYN KOLBET

For the past five summers, UMR's School of Mines and Metallurgy has literally put on a public relations project funded by the Jackling Mineral Industries Fund. The aim: to inform high school seniors of the curricula and opportunities of the six departments.

The Jackling Institute, organized each year by Ceramic Engineering professor Charles A. Sorrell, has shown some success. In the Ceramic department, about 25 of the 80 students presently enrolled in the curriculum credit the program with influencing them to join the department.

Dr. R.E. Moore, ceramic engineering department chairman, states that the department has doubled in the past three years which in proportion is larger than UMR's growth. He further explains that the program is still very important for recruitment purposes as the future will demand more ceramic engineers.

"There is an increasing demand that materials will meet greater standards," Dr. Moore comments. "With increasing energy technology,

there is a greater dependence — a long term dependence — on ceramic materials."

Response each year varies from 300 interested students last year to 120 this year. About 60 students are selected to attend the one week, all expense paid program.

Activities include three days devoted to presentations by volunteer faculty and students of the ceramic, metallurgical, nuclear, mining, geological, and petroleum departments. A trip to the Brush Creek Mine and a float trip are also included.

Brano's

Bar/Restaurant

DISCO

Thurs., Fri. & Sat.,

9:30-1:00

1435 Hauck Dr. Forum II
341-2110

New Faculty

(Cont. from p. 1)

management, received a B.S. in mechanical engineering from Purdue University in 1948 and earned his M.B.A. from the University of Chicago in 1952.

Toshio Masuoka, research associate in chemical engineering-materials research, holds a bachelor's degree in engineering (chemical engineering) from Kobe University in Japan (1973) and a master of engineering degree in the same field from the same institution (1975).

Dr. Charles D. Morris, assistant professor of civil engineering, received his B.S. and M.S. degrees in civil engineering from UMC in 1967-68, and his Ph.D. Degree in the same field (hydrology and hydraulics) from the University of Illinois in 1978.

More new faculty members will be announced in later issues of the Miner.

Computer Center Offers Courses

SOURCE: OPI

The UMR Computer Center will provide instruction for faculty and graduate students in the following two areas. For additional information or to sign up for these sessions, contact the computer center office (4841). If there is not a sufficient number of registrations, the session will be cancelled.

Time Sharing Option (TSO): TSO is the time sharing option of the IBM System 370 Operating System and provides access to the resources of the IBM 370-168 from a terminal. The purpose of this instruction will be to acquaint users with TSO and to provide skills to make effective use of the TSO

resource. Some familiarity with Job Control Language is recommended but not essential. Wednesday, Thursday, Sept. 13-14, 3:30 to 5 p.m., Mathematics-Computer Science 202.

Interactive Computer Graphics with Basic: An introduction to interactive computer graphics using the Data General Nova Extended Basic and Computer Center graphics software will be presented. The characteristics and capabilities of the Tektronix graphics terminals, plotter, digitizer tablets and graphics software will be explained. Monday, Tuesday, Sept. 18-19, 3:30 to 5 p.m., Mathematics-Computer Science 202.

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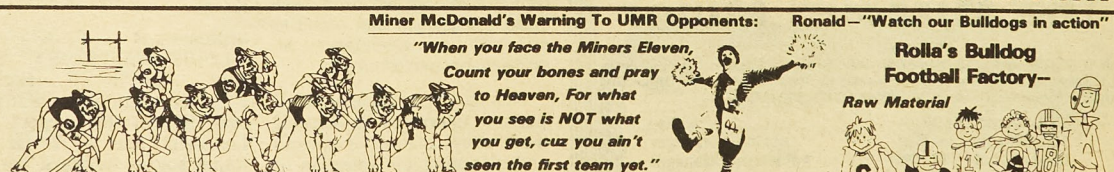
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364-4332

FRANK BURGESS
Lab Technician

HARREL FINN
Field Technician



HOME GAMES
Sept. 2, Wm. Penn, 1:30 p.m.; Sept. 23, Kansas State Pittsburg (PD), 1:30 p.m.; Sept. 30, Evangel, 1:30 p.m.

DUCK 'N' DIVE SQUARE DANCERS
September 13, 1978, Parking Lot, 8:30 p.m. - 10 p.m.

SUN	MON	TUES	WED	THURS	FRI	SAT
<p>UMR MEAL PLAN Buy A Large Sandwich. Bag of Fries, Get A Medium Size Cold Drink Free. Sundays Open To Close. "Buy A Large Fry-Wie Donuts 10 Cents To Muscular Dystrophy"</p>	<p>HAPPY LABOR DAY Help the Unfortunate Muscular Dystrophy Victims By Making Jerry Lewis's Tefalton A Huge Success. "Buy A Large Fry-Wie Donuts 10 Cents To Muscular Dystrophy"</p>	<p>HULA HOOP One Hoop Win A Bag of Fries Two Hoops Win A Burger Three Hoops Win A Breakfast Senior Citizen One Hoop Win A Breakfast 4 p.m. - 9 p.m. "When You Get It, Flavour It. We Do We Sell BIG MACS"</p>	<p>MCDONALD'S SLOGAN NITE Two All Beef Patties, Special Sauce, Lettuce, Cheese, Pickles, Onions On A Sesame Seed Bun. Say It In 7 Seconds Win A Bag of Fries Say It In 4 Seconds Win A Breakfast 4 p.m. - 9 p.m.</p>	<p>CANDELITE DINNER "A BIG MAC, A SHAKE AND THOU" 4 p.m. - 9 p.m. "After 3 Hours In Emergency, Sam Schwartz Was Rushed By Ambulance To Rolla McDonald's Where His Big Mac Attack Was Cured"</p>	<p>SEASON OPENER!!! UMR Miners vs. William Penn — 1:30 P.M. Tickets Available At Stadium. Great Halftime Show. Plus The Thrill Of Watching Terry Ryan, One Of The Great Runners In The Nation.</p>	<p>GRADUATE APPLIED FOR Job At McDonald's. Owner: "I'll Hire You. Sweep Up The Store. Ex-Miner: "But I'm A College Graduate. Owner: "Okay, I'll Show You How."</p>
<p>UMR MEAL PLAN An Engaged Noddy Couple Decided To Break Up. The Reason? "We've Been Seeing Too Much Of Each Other."</p>	<p>WHISTLE NITE Wolf Whistle Win A Burger Whistle Drive Win A Breakfast — 4 p.m. - 9 p.m. "You Can Feel Some Of The People Some Of The Time. But You Can't Feel All The People All The Time. There Is No Substitute For The Real Thing. "BIG MAC"</p>	<p>HULA HOOP One Hoop Win A Bag of Fries Two Hoops Win A Burger Three Hoops Win A Breakfast Senior Citizen One Hoop Win A Breakfast 4 p.m. - 9 p.m. "Did You Ever Wonder Why Your Fishermen Friends Order Five O'Fish At McDonald's?"</p>	<p>SQUARE DANCE TONIGHT Duck 'N' Dive Square Dancers. Back Lot 8:30 p.m. - 10:30 p.m. Everyone Welcome "After Two Days In The Hospital, I Took A Turn For The Nurse."</p>	<p>CANDELITE DINNER A Nite At The Walder At McDonald's Prices 4 p.m. - 9 p.m. "There Are 199 Drops Of Delicious Goodness In Our Strawberry Shakes."</p>	<p>SECRETARIES 16</p>	<p>THAT WE FREELY BREW AND SELL LIPTON ICED TEA. THAT OUR SELECTED POTATOES, SPECIAL F O R M U L A N D PROCEDURES HAVE MADE OUR FRIES THE MOST POPULAR IN THE WORLD.</p>
<p>UMR MEAL PLAN No Fuss No Fuss We Do It All. Have Your Birthday Party In Our Ronald Room. Call 341-2110. Ask For Manager</p>	<p>BUBBLE GUM NITE One Inch Bubble Win A Bag of Fries Three Hoops Win A Burger. Five Inch Bubble Win A Breakfast 4 p.m. - 9 p.m. "Gamblers Go To Vegas. Gamblers Go To McDonald's."</p>	<p>HULA HOOP One Hoop Win A Bag of Fries Two Hoops Win A Burger Three Hoops Win A Breakfast Senior Citizen One Hoop Win A Breakfast 4 p.m. - 9 p.m. "Definitions: "Big Apple," Number 1 City "BIG MAC"</p>	<p>LAUGH NITE Laugh For 30 Seconds Win A Burger Laugh For 1 Minute Win A Breakfast 4 p.m. - 9 p.m. "Early To Bed Early To Rise Breakfast At McDonald's Proves You're Wise."</p>	<p>CANDELITE DINNER No Reservations Please! Seating For 144. 4 p.m. - 9 p.m. "Young Lovers Strawberry Sundae With Spoon For Two"</p>	<p>GOLDEN ARCHES CLUB Welcome To All Our New Members From The Sullivan And Waynesville Areas. Bring Your Families and Friends To Our Candidate To Rise Your Family's Be Sure At McDonald's.</p>	<p>MINERS VS. KANSAS STATE PITTSBURGH (PD) 1:30 P.M. Wife: "I've Changed My Mind." Husband: "Thank Heaven Does It Work Any Better Now?"</p>
<p>UMR MEAL PLAN Certificates Available At All Hours. Book Of Ten \$5.00. "Did You Ever See A Boy Smiley? Watch One After Dining At McDonald's."</p>	<p>TONGUE TWISTER NITE Say It Right 1st Time Win A Bag of Fries Say It Right 1st Time Win A Breakfast 4 p.m. - 9 p.m. "8th Wonder Of The World The EGG McMUFFIN"</p>	<p>HULA HOOP One Hoop Win A Bag of Fries Two Hoops Win A Burger Three Hoops Win A Breakfast Senior Citizen One Hoop Win A Breakfast 4 p.m. - 9 p.m. "There Are No Lonely Customers In Rolla McDonald's. Everyone Is Treated As One Of The Family."</p>	<p>CALL OF THE WILD Wolf Howl Win A Bag of Fries Tarsan Yell Win A Burger. Coyote Howl Win A Breakfast 4 p.m. - 9 p.m. "He Beat His Chest And Screamed In Frustration There Were No McDonald's In The Jungle."</p>	<p>CANDELITE DINNER No Cover Charge. No Minimum. 4 p.m. - 9 p.m. "Epitome Of Success A \$10.00 Mercedes. A Beautiful Companion And Candelite Dinner At McDonald's"</p>	<p>MINERS VS. EVANGEL 1:30 P.M. Once Upon A Time A Lion Ate A Bull And He Felt So Good That He Roared And Roared. A Hunter Heard Him And Killed Him With One Shot. Moral: When You Are Full Of Bull, Keep Your Mouth Shut.</p>	<p>BIRTHDAYS Sept 4 George Mues Sept 4 Eve Strassmann Sept 10 Jennie Rife Sept 12 Kim Brinkley Sept 17 Nancy Kaufman Sept 18 Carole Mahawick (Polish Princess) Sept 21 Debbie Squires Sept 27 Darlene McDonald</p>
						<p>CREWPERSON OF THE MONTH LARRY ADAIR</p>

Features

THE MISSOURI MINER

September 7, 1978

Page 5

Upcoming Concerts

Bill Haymes

and Jean-Luc Ponty

**FRIDAY NIGHT
THE 15 TH**

Bill Haymes is a songwriter and musician, an entertainer and storyteller. Originally from a rural area of southwest Missouri, he began playing music at age 13, guided by two uncles and his fiddle-playing grandfather. After trying a variety of sounds and musical styles through high school and college, Bill started a solo career in 1972; his major instruments are guitar and piano. In four years of playing professionally, he has performed (and conducted workshops) on college campuses in 23 states, from Hawaii to New Hampshire, with as many as seven return engagements at some schools.

Bill has twice performed at the Kerrville Folk Festival, a Texas-based festival oriented toward songwriters; there, in 1975, he won a writing award for two of his songs, "New York City Cowboy," and "Just Like

You." Both songs, along with 8 others, are included in an album of his original material, released in January, 1976 (Resist Records 202).

His own songs — ranging from the light and humorous "Lounge Lizard's Lament" to the somber and lovely "Toward the Attainment of Wisdom" — make up half his repertoire. The remainder comes from the music of Bill's favorite songwriters: Paul Siebel, Jackson Browne, Leonard Cohen, Randy Newman, and others.

Bill Haymes' performances are distinguished by a sense of completeness. The songs and stories intertwine, the music and the humor flow together ... and, through the warmth and music extended to them, shared with them, the audience is drawn into the movement and feeling of the evening. His performances have been described as "a quiet celebration, a peaceful telling of tales through humor that the audience can share."

**SATURDAY NIGHT
THE 16TH**

On Saturday, September sixteen Jean-Luc Ponty will demonstrate his expertise on the electric violin at UMR. Those already familiar with the progressive mode of modern jazz-rock should be pleased to see someone of Ponty's caliber perform, while anyone who has not been exposed to this form of music is sure to be pleasantly gratified by it.

Ponty was a child prodigy in France as a classical violinist. However, he soon directed his interests toward jazz as a result of his work with comparable musicians. Ponty had played with such rock artists as Frank Zappa and Elton John before forming his own band in 1975, when he signed a contract with Atlantic records. He has released three albums under the Atlantic label, with the latter two backed by his present band. All three of his Atlantic albums feature a fine array of



Bill Haymes

progressive music that brings out the ultimate in Ponty's musical ability. The live performance should prove to be a truly satisfying experience.

Tickets for the concert will be on sale for \$2.00 from Tuesday, September 12th, up to and including Friday, September 15th, from 9:30 a.m. to 3:30 p.m. in the Student Union. They

will also be sold on the day of the concert from 3:00 p.m. on. The concert will be held in the Multi-Purpose Building at a time to be announced. The ticket sales are limited strictly to UMR students and two tickets may be purchased with each student I.D. A pleasurable time will be guaranteed.



Fall Has Fallen

By Jenna Quigley

After the first confusion of the beginning of school, things are settling down. The symptoms are easy to recognize. One quick look around campus will convince you fall is here

You can tell it's finally fall 'cause...

...The freshmen are beginning to settle down and study after their first test.

...We've fought and won the first football game of the season.

...The St. Pat's Board Rep's are selling buttons in front of the Student Union.

...Everyone is complaining about Parker Hall.

...The B&G boys are busy watering the lawn so no one can sit on the grass.

...The freshmen can find their way around campus.

...Empty kegs are beginning to stack up around frat houses.

...All the organizations on campus are trying to round up

new members.

...Greek pledges are learning the alphabet. (Alpha, Beta, Gamma...)

...Freshmen are beginning to need I.D.'s and have to wait in line to get them.

...On Monday morning, eyes are bloodshot.

1978, New York Times News Service

WASHINGTON — The United States will be able to store its radioactive wastes forever, but at a cost that will provoke battles in the White House and Congress, one expert says.

The expert, Rustum Roy of the National Academies of Science and Engineering, says, "With current technology we could make it as safe as breakfast food, but when the public gets the bill — wow!"

Roy, who also is director of the Materials Research Laboratory at Pennsylvania State University, says there are many solutions to the problem of disposing of atomic wastes.

"We've proved experimentally that we can make synthetic minerals, incorporate into them the nuclear wastes, and

immobilize the radioactive atoms," he said. "When these substances are buried, even exposure to ground water, heat and pressure combined will not seriously affect them."

"Their solubilities are so low, their stability is so great, and, most importantly, the track record from nature is so reassuring that they can last for even billions of years, that the public can gain a sense of confidence again. In any case, over 1,000 years or so, these wastes will become as inert as many natural minerals."

"The issue is not one of safety anymore. We know we can do it safely. It's now of course a price which no one has talked about until recently."

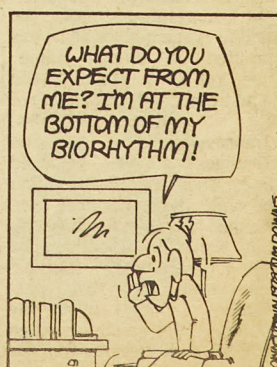
Roy cited estimates made by federal agencies that the cost of safely disposing of the wastes already accumulated in this country is between \$20 and \$50

billion.

"Obviously no one knows for sure what the real number is," he said. "Given the existing alternatives for solidification as a glass, a ceramic-mineral or a concrete, the alternatives for burial in salt, gypsum or granite-basalt, and the differences in their decay rates, it may well be the enormous cost differences which will determine which technology will be chosen."

"What I'm saying, then, is that there's no cause for either panic or haste. We know the scientific principles of the answer, and none of the engineering is novel. It's just a matter of carefully making the best choice — instead of hurriedly and needlessly spending billions of dollars on a technology which may turn out to be second best."

downtown by Tim Downs





Can you pick the new chancellor out of this crowd? He is the one not watching the game.

(Photo by M. Murphy)

By Carla Danzer

A nationwide strike was called on August 24th by the Nicaraguan Chamber of Commerce to protest the dictatorial government of Anastasia Somoza Debazle. In retaliation, Somoza has killed over 50 people and arrested 675, including the President of the Nicaraguan Coca-Cola Company, 5 members of the Nicaraguan Commission on Human Rights and the leader of the Nicaraguan Liberal Organization, charging them with attempting to violently overthrow the government.

The strike, 80 percent effective nationwide, is

supported by politicians, businessmen, and students who oppose Somoza's tyrannical reign. They accuse the 41-year-old, U.S.-instigated regime as being monopolative and corruptive. In the past two weeks, there has been approximately \$30 million withdrawn from the Central Bank of Nicaragua — an obvious "run on the banks" by industrialists and other revolutionary moneyholders of Nicaragua.

Is a revolution in progress? The Sandanista National Liberation Front was set up in the late 60's by Marxists striving for proletarian revolution. In January of this year, opposition newspaper publishers Pedro Joaquin Chamouo was murdered, and the SNLF permeated the country with terrorist bombings and threats.

Several weeks ago, guerilla members of the SNLF seized hundreds of hostages in the National Palace; Somoza paid \$500,000 and freed 58 political prisoners for the release of these hostages; Sandanistas cheered as the guerillas and defectors left Managua.

The U.S. Marines, in 1937, allowed Somoza's father to take power of Nicaragua. Now, a generation later, the government is dictatorial with Somoza promising democracy by '81. Cubans and possibly Soviets are supporting a political revolution. Venezuela has asked the U.S. to act as mediator to the country, yet

American officials declined to initiate any urgent meetings and are presently deciding whether to remain neutral or not.

Young guerillas seized and held Matagalpa, the country's second largest city, for 4 days. The strike is 90 percent effective in Managua, and 100 percent in progress in surrounding cities. Somoza has sent over 600 troops to various parts of the country to halt riots and strikes. Many incidents of military open gunfire, both field and aerial, have occurred.

The strike is supported by the Nicaraguan Confederation of Chambers of Commerce, whose vice president was recently arrested, and Nicaraguan Interior Development, Incorporated, two leading associations of businessmen and industrialists. These men are prepared to strike for months, to destroy Somoza's control.

How long can this go on? People are standing in line for food in Leon. Surrounding areas have little or no dairy items or eggs. Can Somoza tolerate this monetary bane of bullets for much longer? He seems confident that he can crush the revolutionary element in his country; he's convinced that it's communistic in nature. Yet, that bloody revolution, towards which the Sandanistas have been working, has perhaps insured itself before U.S. or Central American intervention could have occurred.

Groundwaves



Another day, another perilous journey across that vast expanse of grey nothingness lovingly referred to as the UMR campus. I seem to recall that as recently as 3 years ago some strange, green fiber used to pass underfoot as I went to class. If memory serves, it was referred to as Astroturf. I read in a history book the other day where the inhabitants of this planet used to walk through fields of grass. That must have been before our ancestors realized the medicinal value of that then mightily abundant substance. Either that or the author's terminology was wrong. The grass he described was composed entirely of stalks, called blades, but not sharp, with no leaves whatsoever. This should not seem too surprising, however, with the plants constantly being trampled into the dust. I sure would have liked to see the world back then, though. Nothing but green land dotted with trees and flowers of a myriad of colors underneath a clear blue sky speckled with white, fluffy masses of water vapor, called clouds. It is hard enough to imagine green ground, that is not hard, either; but blue sky? That is a little much. Me thinks the book I found was misfiled. It surely should have been in the science fiction rack; a world that beautiful can only be imagined.

In programming notes the Sunday evening blues show has sprouted an official name: Blues For Rolla (groans should be addressed to Kirby in care of this station). Also, "Improvisations" and "Changes" have switched times. They are still formatted the same, the names have been changed to protect the innocent. And I would like to apologize for listing the album by Fairport Convention for this past Monday. I forgot about the holiday. The album, entitled "Liege and Leaf", will be Monday, Sept. 11: 8:30 p.m.

Joe Walsh "But Seriously Folks..." midnite Rolling Bozo Revue Fairport Convention "Liege & Leaf"

Tuesday: 9:00 a.m. Eric Clapton "One in Every Crowd"

Wednesday, Sept. 13: 8:30 p.m. Moody Blues "Octave" midnite Improvisations: Keith Jarrett "My Song"

Thursday: 9:00 a.m. Harry Chapin "Living Room Suite"

Friday Sept. 15: 12:30 p.m. Bruce Springsteen "Darkness on the Edge of Town"

played this coming Monday at midnight instead. Do not forget about Obie's Bluegrass Show on Wednesday and be sure to listen for "Off The Beaten Track" which hopefully will begin tonight at 8.

Sunday: midnite changes Larry Coryell and Eleventh House

Sunday, Sept. 10: midnite changes Larry Coryell & Eleventh House "Live at Montreux"

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HP-25C	\$160	\$130.95
HP-29C	\$175	\$144.95
HP-31E	\$60	\$49.95
HP-32E	\$80	\$69.95
HP-33E	\$100	\$81.95
HP-37E	\$75	\$65.95
HP-38E	\$120	\$97.95
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JVC JR-S61W	\$200	\$155
JVC JR-S81W	\$300	\$232
JVC JR-S201	\$360	\$270
JVC JR-S301	\$480	\$360

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JBL L-36 (3-way)	\$240	\$169 ea.
JBL L-40	\$250	\$173 ea.
JBL L-50	\$325	\$225 ea.
JBL L-100	\$400	\$239 ea.
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Algorithm and Blues

Hmmm, now where did I put that Ko-Rec-Type? The typewriter still works, not to mention needing cleaning. You know, leaving the machine in its case over the summer just doesn't clean the keys at all! At any rate, I'm glad to be back on the column beat. Thanks for reading.

I don't really have a definite format for this semester's literary efforts, yet, so we'll have to wait and see what develops. Let's start off with a summary of the more important changes at the U over the summer:

1) This was the first year that a dirt track hasn't been worn into the grass from the East entrance of the EE building, across the creek, and up to the quad at the library. As a matter of fact, this has been the first year that there was much grass to war a path in.

2) The student Union operated successfully a salad

bar in the new building's downstairs cafeteria. Still going, too! I recommend it to you, and would also like to remind you that the Snack Bar in the Old Union is also open for many more hours than last year, serving short order and a la carte.

3) I graduated, and have managed to avoid honest labor for another year, at least. I'm also avoiding all those dollars, so I hear. Is it so?

Well, hardly earthshaking news, but it seems that the little things like that are what stick with you when you sum up the recent past.

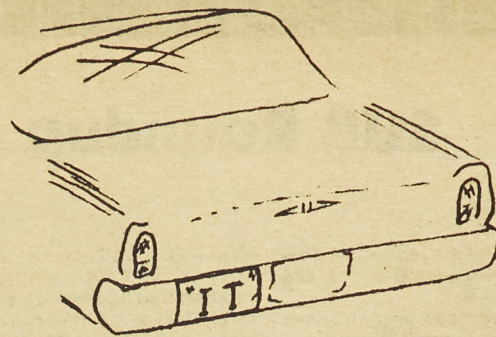
Speaking of little things, I see a lot of them around campus, as enrollment has increased once again this year. Welcome to the UMR campus, it's quite a place, as you'll find out. No matter whether you hate it or love it, Rolla certainly leaves its mark on you, either way. If you're not exceedingly careful, the mark will be green...

And...speaking of green, the first annual Septemberfest is tomorrow out at Lion's Club Park on Highway 63 South. I plan to be there, and so should you. Better get your outdoor partying in while you've got the climate and the time. Besides, you get a button out of the deal, anyway, so why not? Why wait 'till March?

To conclude this first column, I'd like to pay my respects to the late Aquarian bookstore, mentor and patron of this writer for the duration of the "Between the Covers" column. My favorite shop succumbed to a variety of ills, not the least of which was economics. Hats off to a friend past. Also, I'd like to express my gratitude to the Miner staffs and editors of this year and last. Last year's for putting up with my perpetually late deliveries, and this year's for asking me back. Strange bedfellows, perhaps, but then so were ... well, that's another column.

FO&D lives.

Ward Silver



How Do You Do It?

Bumper stickers have been around about as long as bumpers have. They have become a sign of the times, a sign of a person's beliefs and feelings about anything from timely political issues to "it".

One reoccurring theme in bumper stickers deals with speed. "Drive Like Hell - and you'll get there", "Speed on - Hell ain't half full yet" and "I may be slow - But I'm ahead of you" emphasize some of the feelings on fast driving.

Popular were the stickers which said, "Honk if you know Jesus." One current take-off of that sticker is "Honk, if you're stupid". Quite a chance I'd say.

Seen on small sports cars with bigger ambitions is the sticker - "My Daddy Was a Diesel".

A bit of humor can be seen in the following stickers: "Get Stoned: Smoke Cement", "Help Paranooids Are Chasing Me!", and "Flunked Sex, Need Tutor".

One of the biggest forms of stickers deal with "it". Just what "it" is, is left to the reader to decide. Whatever "it" is, everybody wants credit for doing "it", as can be seen in the following stickers:

"Scuba Divers do it deeper,"
"Coon Hunters do it all night,"

"UMR Engineers do it better,"
"Ham Operators do it with more frequency," and

"CB'ers do it on the side,"
How do you do it?

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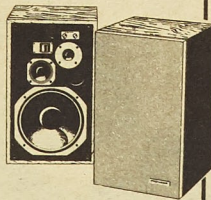
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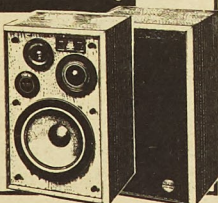
199⁹⁵



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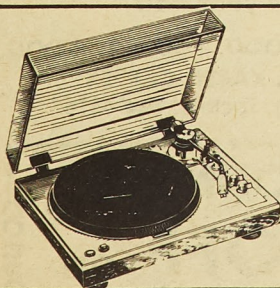
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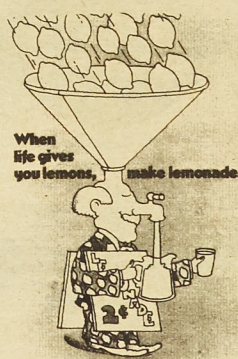
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SUB Roundup

We've moved — the SUB office is now in Rm. 115, Old Student U.

All campus organizations desiring to participate in the Campus Showcase, Thursday, Sept. 14, should turn in their applications to the SUB office, Rm 115 of the Old Student Union, as soon as possible. The "On-The-Loose" program is operating again. Office Hours will soon be

established. To check out any of OTL's outdoor recreational equipment, call Mrs. Harvey at 341-4220, or stop by the SUB office.

Anyone wanting to help spend money is urged to join a SUB committee this semester. Apply at Rm 115 of the Old Student Union by Sept. 25. We also need a Recreation Committee Director. If you're interested, put in an ap-

plication at the SUB office, before October 3.

The UMR Student Union Board will present "Luv", a musical comedy starring the renowned Alpha-Omega Players, on Thurs., Sept. 14, in Centennial Hall. On Friday, Sept. 15, Bill Haymes will present a coffeehouse from 8 to 10 p.m. in St. Pat's Auditorium. Both are free to UMR students.

Ediletters

STATEMENT OF POLICY

The opinions expressed herein do not necessarily represent the opinion or policies of the MISSOURI MINER. The ediletters section is the sanctuary of the general public. All letters submitted will, as in the past, be printed in their unaltered and original form when space in this newspaper permits.

There's Nothing Like A Dame?

Dear Editor,

I would like to say that I was deeply insulted by the invitation I received to join Dames, an organization of women married to college students. I am married to a student but I am a full time student myself. They implied that I would have nothing to do while my husband studied. They also said they had a small scholarship for wives who would like to take a course or two here at UMR.

They evidently got a list from the University of all the men on campus who were either recently married or new to the

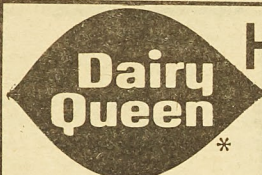
university and married. They didn't bother to check it against a list of married female students.

I can see how some of the things they offer would be nice for wives who just came to

Rolla.

I am not the only wife who feels this way. I consulted another student who is married to a student. She also felt insulted.

Student No. 45156



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Sports

THE MISSOURI MINER

September 7, 1978

Page 9

Miners Wallop Wm. Penn 20-0

By CHRIS RANSOM

The Miner footballers could not have hoped for a much better start than what they had. It took until the second quarter before any points were tallied when Tom Rosenauer booted a 25-yard field goal for the Miners to take a 3-0 lead with 8:35 left in the half. After that the Miners easily disposed of William Penn's Statesmen as they picked up another field goal and two more touchdowns the rest of the way shutting out the Statesmen 20-0.

The UMR defense scored the game's first touchdown. Freshman defensive back Oscar Berryman broke through William Penn's punt formation and got a hand up to block the punt. The ball rolled back into the end zone where sophomore Steve Bridgman fell on it for the touchdown. With Rosenauer's extra point kick, the Miners left the half with a 10-0 lead.

The Miners struggled somewhat on offense the first half as they had only 68 yards total offense against the big William Penn defense. UMR had an especially hard time with Statesman noseman Kevin Baker. At 6-5, Baker dominated the line of scrimmage and had a

major effect in closing off the Miner offensive backfield.

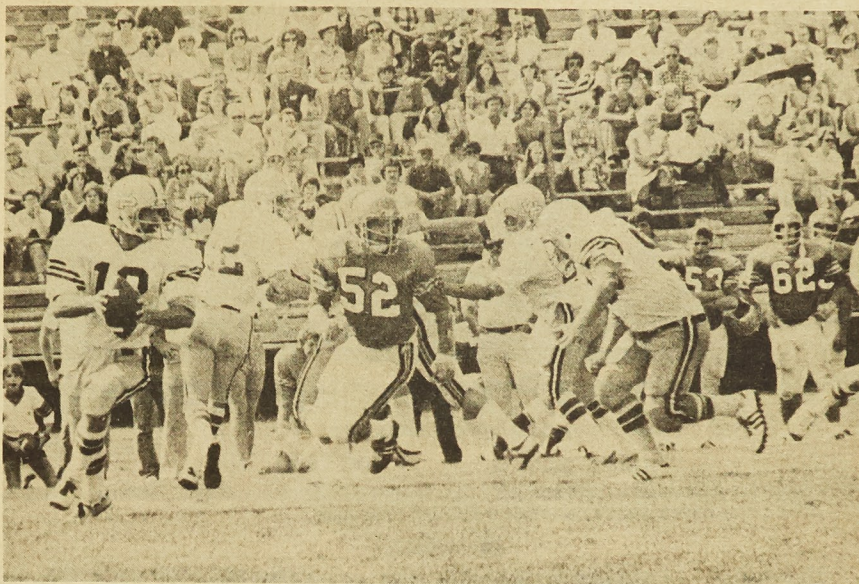
"We know their defense was tough, but not that tough," exclaimed Miner head coach Charley Finley. "Baker is an exceptional player. He's one of the best players I've seen in a long time ... anywhere. I credit their defense with a lot of our offensive problems."

Baker cut down on the Miner running game. Tailback Terry Ryan, the top returning Division II rusher in the nation, was held to 20 yards on 11 carries in the first half. He finished the game with 69 yards on 24 carries, well below par for Ryan.

Sophomore quarterback Jeff Walters also had to deal with the big 6-5 Statesman. Walters found himself throwing most of his passes over Baker's outstretched hands. This did not stop Walters as he managed to establish a passing attack long enough in the second quarter to get the Miners in good enough position for the field goal.

After taking over at their own 47 yardline after a Penn punt went only 21 yards, the Miner offense with Walters leading the way moved down to the 25-yard

(Cont. on p. 10)



Defensive lineman Andy Lain (No. 52) breaks through the line in pursuit of the William Penn quarterback. Lain had an outstanding day, as did most of the Miner defense. The Miners showed their fine form holding Wm. Penn to negative yardage in the second half.

(Photo by M. Murphy)

MIAA Results And Schedule

UMR 20, WmPenn 0

SEMO 24, Murray State 21

Lincoln 21, Morningside 21

Augustana 24, NWMS 15

Central Arkansas 17, NEMS 7

UMR at Missouri Valley

SMS at Arkansas Tech

NWMS at Pittsburg State

Lincoln at Central Ohio State

NEMS at Univ. of S. Dakota

Mo Southern at Central

Central Arkansas at SEMO

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Football

(Cont. from p. 9)

line setting up the field goal. Walters hit Monty Morse on an 11-yarder and then hit Perry Harris twice on a couple of 7-yards in the drive down field.

The UMR offense had their best offensive series of the game late in the third quarter. The Miners marched down field all the way from their own 33 yardline to the Penn 17 yardline in a seven-play series. Walters began the drive with a 37-yard pass to tight end Andy Cox who scrambled to the Penn 30 before being taken down. A face mask penalty against Penn enabled UMR to reach the 17.

On third down Walters found Craig O'Dear in the endzone for

a touchdown. Rosenauer added the extra point making the score 17-0 with 2:38 remaining in the quarter.

The Miners put their final points on the board in the 4th quarter with 12:57 left when Rosenauer booted a 45-yard field goal. That was set up when freshman noseman Doug Kiethly recovered a fumble at the Penn 13. A touchdown pass from Walters to O'Dear was nullified by a holding penalty and forced the field goal attempt which was successful.

The Statesmen threatened only once in the game. That came late in the first half when Craig Heath fumbled a punt at the Miner 13 yardline. But sophomore quarterback Jeff Jay threw incomplete on the first two plays for Penn and Greg Elzie for the Miners got

across the offensive line to sack Jay on third down causing Jay to fumble the ball that was recovered by the Miners. Elzie had three sacks in the game to lead the Miner pass rush.

Walters played most of the way at quarterback and completed 8 of 22 attempts for 103 yards.

Ryan was the leading rusher with 69 yards and Mel Gray led the Statesmen with 25 yards on 12 carries.

In shutting out Penn's offense the Miners forced six turnovers.

The Miners will go for number two this Saturday when they face Missouri Valley College in Marshall.

The statistics: UMR WP
First downs 12 6

Yards rushing	110	24
Yards passing	101	56
Total yards	211	80
Interceptions thrown	1	2
Fumbles lost	2	4
Penalties	4-50	5-40
Punting	8-36-7	11-30-8
Score:		
UMR	0 10 7 3-20	
WP	0 0 0 0-0	

Scoring plays:
UMR—Rosenauer 35-yard field goal

UMR—Bridgman 25-yard punt return, Rosenauer kick.

UMR—O'Dear 17-yard pass from Walter, Rosenauer kick.

UMR—Rosenauer 45-yard field goal.

Individual statistics:

Rushing — UMR: Ryan 24-69, Fisher 4-12, Walter 7-8, Lee 5-22, Paris 1-2, Crocker 1-3. AP: Gray 12-25, Dill 9-1, Ehret 4-8, Jay 8-22, Nabor 6-8, Daniels 4-0.

Passing — UMR: Walters 8-22-103-1, Greer 2-7-(-2)-0 WP: Ehret 5-9-46-1, Jay 1-7-10-1.

Pass receiving — UMR: Morse 3-24, Cox 2-48, Harris 2-14, O'Dear 1-17, Siegal 1-8, Lee 1-10. WP: Newcome 1-7, Lakasko 1-12, McKeller 2-12, Trine 1-12, Beplew 1-8.

Bob Harmon Pro Football Forecast (Saturday)

TAMPA BAY 17

DETROIT 16

Bucs entertain at home for second straight week, this one NFC Central contest .. Lions beat TB 16-7 in '77 .. we look for Bucs to start on plus side in division competition.

(Sunday)

LOS ANGELES 20

ATLANTA 13

First NFC West match-up for both teams .. Rams and Falcons split in head-to-head meetings last fall, finishing first and 2nd in division .. Rams favored by seven playing at home.

CHICAGO 23

SAN FRANCISCO 20

Just one of a flock of tough ones this week .. 49ers at home, but Bears have huge incentive this fall to beat out Vikings in Central Division .. Chicago by just three points.

CLEVELAND 17

CINCINNATI 13

Another coin-tosser, this one in AFC Central .. Bengals on the road in first of two meetings with Browns .. they split last fall .. with tongue in cheek, Browns by four.

DALLAS 31

NEW YORK GIANTS 13

Cowboys handled Giants easily in '77, rolling up 65 points in two meetings .. Giants scored 31 .. Dallas focusing season on being first team to win three Super Bowls.

HOUSTON 27

KANSAS CITY 13

Successive losses in '77 mid-season to AFC Central rivals Browns, Steelers and Benals cost Oilers division title .. beat Chiefs 34-20 last fall .. KC underdog at home by 14.

BALTIMORE 27

MIAMI 24

Game of the Week between the top teams in AFC East last fall .. each beat the other in '77 .. Colts have home advantage .. Dolphins on second straight road trip. Colts by 3.

NEW ENGLAND 23

ST. LOUIS 17

Ex-Oklahoma Sooner coaches, Cards' Bud Wilkinson and Pats' Chuck Fairbanks, face each other in interesting match-up .. first meeting of teams in 3 years .. Cards down by 6.

GREEN BAY 16

NEW ORLEANS 13

A struggle between two "have-nots" of '77 .. combined record last year of seven wins, 21 losses .. 49ers' Dick Nolan is new Saints coach .. Pack at home, favored by three.

NEW YORK JETS 20

BUFFALO 17

And speaking of cellar-dwellers, these two tied for bottom in AFC East last fall .. and they split in head-to-head .. Bills have home crowd, but we'll go with Jets by 3.

OAKLAND 30

SAN DIEGO 24

Chargers are the club in AFC West that keep Raiders honest .. they just can't be taken lightly .. Raiders zipped Charger 24-0 in '77 opener, but were upset 12-7 in 2nd meeting.

WASHINGTON 24

PHILADELPHIA 20

Redskins won twice from Eagles in '77 in this NFC East rivalry .. even though Skins are at home, Philadelphia just might pull out the rug here .. however, Washington by four.

PITTSBURGH 24

SEATTLE 17

Seahawks came a long way last fall, but not far enough to beat Steelers in Pitt-country .. Steelers beat Seattle 30-20 in 1977, but we only favor them by seven in this one.

(Monday)

DENVER 30

MINNESOTA 20

AFC West champions vs NFC Central champs in excellent Monday nite match-up .. unless QB's play close-to-vest, should be good scoring contest .. Vikes at home, down by ten.

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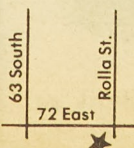
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Soccer Club Opens Season

SOCCER CLUB RELEASE

Even though the UMR Soccer team is not varsity, they challenge some of the toughest teams in the nation. As soccer is growing across the country, so is the talent that is coming to the UMR team. New players and a juggling of the veterans will make this the strongest team yet.

Once again Gary (Geebs) Broyles is helping out in the financial end of running the soccer club. Money appropriated from the Student Council and from dues just covers the barest necessities. Geebs' help is greatly appreciated by all of the kickers. Also a pleasant surprise was received from Dave Murphy of the Dr. Pepper distributing company when he offered financial help. He asked the club what was most needed and soccer balls was the unanimous decision. Dr. Pepper then made a very generous donation of eight new balls. The club thanks Dave Murphy and Dr. Pepper for their interest in UMR sports.

The returning veterans for this year's team are: Steve Svatek, Brian Grant, Bob Sommers, Jim Whetsel, Kevin Dohle, Joe Sepulveda, Joe Gillardi, Tim Ermin, Dennis Tucker, and Pat Becker. This stable nucleus has been beefed up by the addition of the newest members: Joe Kellet, Guy Steensgard, Don Anselm, Tom Smegner, Frank Werner, Andy Hohl, and John Ladderhose. The keepers for this year are veteran Bill Dale and rookie Mark Suellentrop.

The opening game of the season is away against Missouri Southern on Sept. 9th. The

kickers will be practicing extra hard for this one since they have come close but have never beaten them. The first home game will be on Oct. 7th against Cape Girardeau. A full schedule will appear later in the Miner.

The club asks, once again, for student support at their games. Last year had some very large turn-outs but also some disappointing ones. Soccer is an exciting sport and watching a game is a pleasant way to spend an afternoon. This year, a few soccer parties are planned and also a night game under the new lights. Watch the Miner for these events and participate if you can.



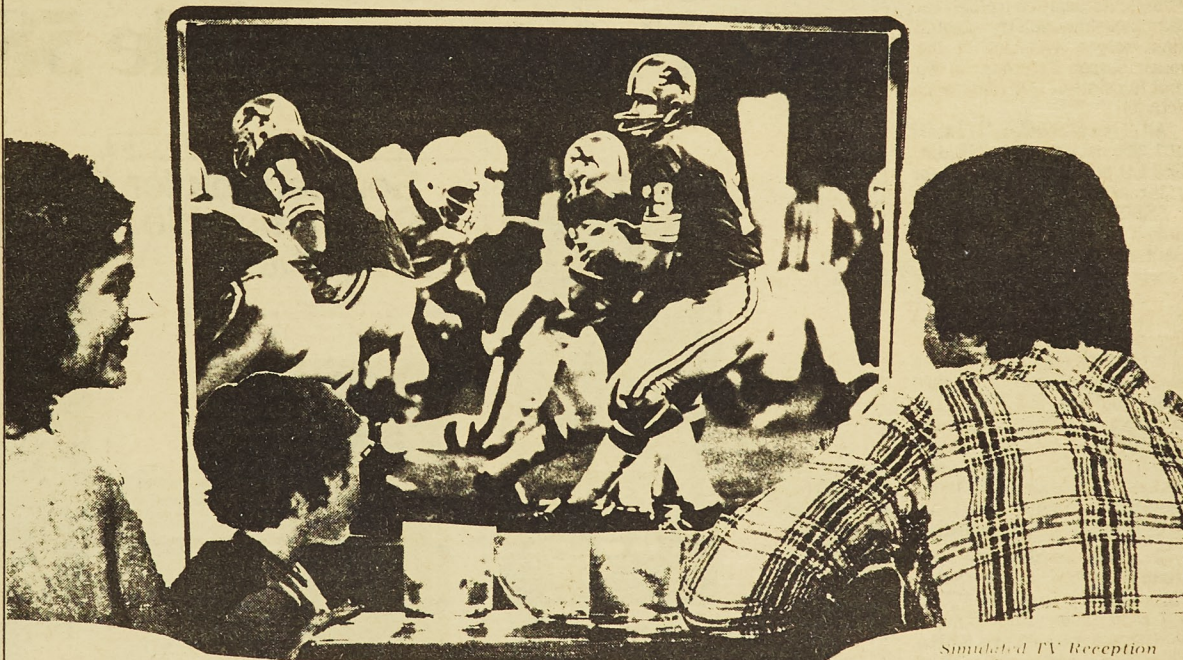
The UMR Soccer Club that will open the 1978 season this Saturday at Missouri Southern. Player-coach Jim Whetsel (second from left standing) says this is the strongest team yet. The club appreciates the enthusiasm of everyone that tried out for the squad.

(Photo by R. Willis)

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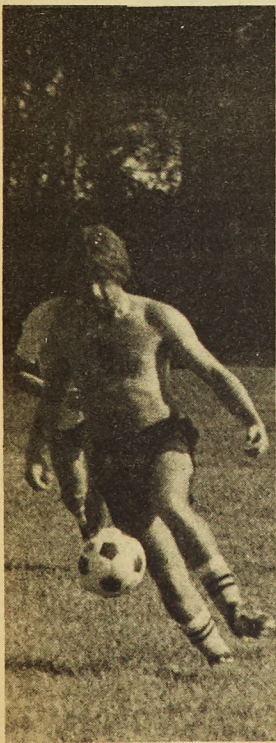
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Newcomer Guy Steensgard works out preparing for Saturday's season opener.

(Photo by R. Willis)

Donations Needed For Athletic Fund

By ED LATIMER

Because of Gale Bullman's commitment and dedication to UMR sports, the university has renamed the athletic fund in his honor: The Gale Bullman Athletic Fund.

The Gale Bullman Athletic Fund gives young men and women the opportunity to develop their leadership potential regardless of their financial background.

The donors are primarily friends and alumni who hold the common belief that student athletes demonstrating both athletic and scholastic abilities should have the opportunity to attend UMR regardless of their financial background.

In athletics, as in everything it undertakes, UMR seeks to excel. For nearly 90 years UMR has sponsored a fine intercollegiate athletic program. Since 1964, the Athletic Fund has been the cornerstone in the success which has come to Miner teams and athletes. The benefits of the Athletic Fund are both short and long-range. The immediate benefits are the financial help it provides to young men and

women with athletic talents in their pursuit of an excellent education. The long-range benefits are, perhaps, less spectacular but are really more valuable. The overwhelming majority of these student athletes have used their UMR education to make a real contribution to solving the problems of Missouri and the nation.

There are many reasons to contribute to the Gale Bullman

Athletic Fund. Alumni and friends of UMR have found it a satisfying experience to help make possible the education of the talented student-athletes who make up the Miner teams. Most of the donors have supported the program for several years, confident that it plays an important role in the growth of UMR. You will receive a complimentary subscription of Miner Matters, the athletic department monthly newsletter, which will

keep you up to date on the progress of Miner teams during the school year. And, of course, your gift is tax deductible. UMR needs your support of the Gale Bullman Athletic Fund.

If you are interested in contributing to this newly-named fund, make checks payable to the UMR Gale Bullman Athletic Fund, and send it to the Athletic Department, UMR, Rolla, Mo. 65401.

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MIAA Notes

MIAA RELEASE

Southeast Missouri State and Missouri-Rolla, last year's Missouri Intercollegiate Athletic Association football co-champions, will try to notch their second victories of the young season Saturday in the first full slate of 1978 conference activity.

All of the encounters will start at 7:30 p.m., except the NEMSU and LU contests, scheduled for 1:30 p.m.

SEMS rallied from a 21-14 deficit at intermission last Saturday at Murray (Ky.) State to win a 24-21 squeaker over the NCAA Division I-AA school. Fullback Mike Wieser scored the deciding touchdown on a one-yard plunge early in the fourth period after a 47-yard field goal by Ed Holz. The stubborn Indian defense, spearheaded by nose guard Willie Taylor (eight solo tackles) and tackle Alex Clinton (seven solos), surrendered only 87 total yards in the second half.

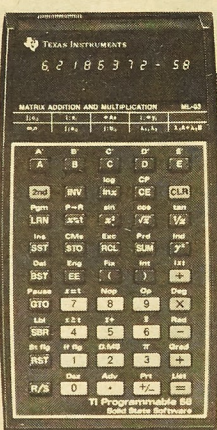
LU, still seeking its first victory since 1975, tied Morningside (Iowa) 21-21, on the road. Junior Fred James, who played two positions for the Blue Tigers, completed eight of 15 passes for 94 yards as a quarterback, and caught two aeriels for 34 yards as a receiver.

NEMSU, the pre-season favorite to capture the MIAA crown, was its own worst enemy in dropping a 17-7 verdict at home to Central Arkansas. The Bulldogs outgained the Bears, 368 to 264 yards, but were charged with five turnovers and 84 yards in penalties. However, senior tailback Mike Harris topped all league rushers Saturday with 107 yards on 17 attempts, and senior tight end Ezra Thompson charted the best day among league aerial targets with eight catches for 101 yards.

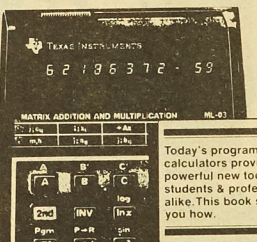
NWMSU suffered a 24-15 setback at Augustana (S.D.), but senior Bearcat quarterback Kirk Mathews rewrote two school records (2,859 total yards and 438 pass attempts) by connecting on nine of 25 aerial tosses for 156 yards. Freshman defensive end Al Cade was credited with 16 tackles and fumble recovery for the Missourians.

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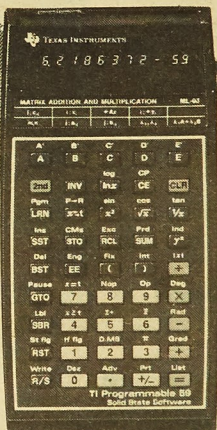
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