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The Missouri Miner, October 20, 1977

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The Missouri Miner

Official Publication of the Students of the
University of Missouri at Rolla



Thursday, October 20, 1977

Volume 64, Number 9

16 Pages

Dianne Speer, Pi KA

Campus Crowns UMR Queen

By RENNY EISELE

Long ago and far away in a galaxy far beyond, the trumpets blew in anticipation of the coronation of the queen. But back to this galaxy and Friday, Oct. 14 of UMR's Homecoming. The theme of the homecoming dance was The Galaxy Beyond and the trumpets were replaced by the music of the band Allspice. The three finalists were to be picked from the eight semifinalists running for homecoming queen that evening.

At 10 the band stopped playing and the formally attired

audience gathered and awaited the announcement of the three finalists. The eight semifinalists walked into the room one at a time with their escorts and were spotlighted as they paraded across the room. Then the moment they all had been waiting for, the announcement. "Michele Savage, Dianne Speer, and Wilma Kirn," announced Vickie Moore, the Master of Ceremonies, and all knew the three finalists. Then the band struck up the song "Sentimental Lady" for the court dance and the finalists and the semifinalists with their escorts danced. The queen was

still to be crowned but that had to wait until the next day.

The next day the crowd again waited in anticipation during the halftime of the homecoming football game. The eight semifinalists including the three finalists were driven around the field as the crowd waited. The three finalists were then escorted to midfield by their escorts. Then came the announcement, Michele Savage, second runner up; Wilma Kirn, first runner up; and Dianne Speer Homecoming Queen of 1977. The crowd cheered.



Part of the past Homecoming weekend's activities were a pie-eating contest and pajama race. Above, the winner displays a sign of victory — at least a full stomach.

(photo by H. Burford)

Coach Bullman Honored

By MARILYN KOLBET

"The memory of Gale Bullman will live forever through the M-Club Gale Bullman Award...and by naming the Multi Purpose Building in his honor." — Excerpt from resolution submitted by the Dedication Committee.

The dedication of the Multi-Purpose Building was finalized last Saturday afternoon at a banquet held in Gale Bullman's honor.

Gale Bullman was named head football coach at the Missouri School of Mines and Metallurgy in 1937. He was also given the office of Physical Education Department chairman. Gale coached his football teams to five conference championships.

The dedication ceremony was the result of his friends' efforts to preserve his memory for the

many years of dedicated and loyal service, as a coach and faculty member, to UMR. The dedication committee consisted of Rodney Schaefer, chairman; Dewey Allgood, and Jerome Berry.

Jerome Berry, master of ceremonies, led the program which contained a band presentation and a variety of speakers.

The first speaker was Mr. Rex Williams, president of the Board of Curators. He officially dedicated the building to Gale Bullman after praising the man for the work he did for the UMR students.

Dr. Jim Pogue, Interim Chancellor, explained further how Gale Bullman made UMR's Intramurals program what it is today. He said that Gale was very concerned about the IM program because it directly involved so many more UMR students than the college teams

he coached. Pogue concluded: "I am honored to have these three minutes to participate in the dedication of the building as the Gale Bullman Building."

Following was Mr. John Powell, secretary-treasurer for Powell Lumber. He extolled Gale's talents as a coach. Being one of the first squads who reported to Gale in 1937 at UMR, he asked others in the audience who had the honor to stand.

Three other people gave short speeches on Gale Bullman's athletic and coaching talent and his contributions to UMR.

Mrs. Gale Bullman responded at the end of the speeches, expressing her thanks and thoughts on the dedication.

The announcement of the M-Club Gale Bullman Award was made. Each year an outstanding intercollegiate athlete will receive this award.

Pre-Game Show

By MICHELLE HALL

Pre-game activities at the Homecoming game this past Saturday included the fourth annual Pie Eating Contest and the Pledge Pajama Race.

The Pie Eating Contest, which was sponsored by Kappa Kappa Psi and Tau Beta Sigma, was won by Joe Gabris. Joe, who was representing Tau Kappa Epsilon, received a traveling trophy for his efforts. One tip Joe gave to future pie eaters it to try to get the pie all

over yourself so you won't have to eat as much. If you saw Joe after the contest you would have seen that he takes his own advice seriously.

The other event, the Pledge Pajama Race was sponsored by the Interfraternity Council. The winners of the race were Russ Davis, Robert Sanner, Don Bisesi, and Paul Bright. They were representing Sigma Phi Epsilon in the race and were presented with a trophy at half-time.

Student Council Announces
Free Day For All Students--
October 24
Miner Opinion Poll
To Be Out Next Week's
Issue
Missouri Grant Checks Are
In At Cashier's Office

Energy Conference A Success

By MARILYN KOLBET

The UMR-DNR Conference on Energy ended last Thursday with a few changes and many returning participants.

The fourth annual conference centered on its theme: "Energy Crisis: Where do we go from here?" Future energy problems and possible solutions were presented in papers and lectures during the three days of

the conference. The range of topics ran from economic and scientific problems to political and social decisions.

A change from last year was the energy-environment simulator workshop. The simulator was only displayed at last year's conference. The workshop allowed participants to actually operate the simulator. By programming conditions, participants could

"decide" the U.S. energy policy.

The workshops were the subject of many comments made by participants. All the remarks made were good. Others were impressed by Lt. Governor Phelps' speech at Wednesday night's banquet.

Participation in the sessions was high among companies,

(cont. on p. 3)

Bullboard

MISSOURI MINER

Thursday, October 20, 1977

Page 2

Notices to appear in the Bullboard section should be typed and deposited in the north door of the Miner office by 9:00 p.m. Monday. This will assure publication in the next edition

ALL ORGANIZATIONS

To get your picture in the Rollamo Yearbook you must set up an appointment with Kay Spaunhurst, Organizations Editor. Phone 341-3851.

M-CLUB

M-Club will have a meeting tonight, October 20 in Room 121 M.E. Pledges are invited to attend. Homecoming buttons and money should be brought to the meeting.

TAU BETA PI MEETING

Tau Beta Pi will have a general membership meeting on Tuesday, October 25, at 7:00 p.m. in G-5, H-5S. Refreshments will be served.

SGE

SIGMA GAMMA EPSILON (National Earth Science Honor Society) is now accepting membership applications. Any person in the Earth sciences (Geol., Geol. Engr., Mining, Metallurgy, Petroleum) who has at least 12 cr. hrs. in earth science type courses and an overall G.P.A. of 2.67 or better is eligible for membership.

Application forms are available in Norwood Hall, 2nd floor and in the Mining bldg.

WARGAMERS ASSOCIATION AT UMR

Our club holds its meetings every first and third Thursday of each month at room 202 M-CS, to which everyone is invited. All people interested are also invited to our game session in the library every Saturday from 9 a.m.-5 p.m. in conference room 202, no games or experience necessary to participate in these sessions.

HKN SCHOLARSHIP AND HELP SESSION

Applications can be picked up in the EE office for the Eta Kappa Nu Scholarship. Any junior or senior EE is eligible. An application deadline is drawing near. Also, HKN is sponsoring a help session for students in 200 level or lower EE courses every Wednesday, 1:30 to 3:30, in the EE study lounge.

IK

There will be a meeting of the Intercollegiate Knights on Thursday, October 20, 1977 in the Mark Twain Room.

FLOAT TRIP

The Outdoor Recreation Committee of the Student Union Board is sponsoring an overnight float trip on the Current River, Saturday and Sunday, October 22 and 23. Cost for the float is \$4-person which includes a tent, canoe, and sleeping bag. Meal coordination may be worked out individually or in groups. Floaters will be limited to the first 22 people who sign up and fill out a canoe rental form in building T-9. Everyone who is going should meet in the parking lot behind T-9 at 8:00 a.m. Saturday, October 22. Putting in at Cedar Grove the float meanders through beautiful Ozark backwoods and concludes Sunday around noon at Round Springs. If you need more information you might want to call Terry Krammel 364-8968 or just go over to T-9 with some of your buds and sign up.

BLUE KEY

The first Blue Key leadership forum for this year, will be held November 12th. Any non-affiliated independent that wants to go, contact Brenda Ellerbrake at 341-4987. The first six applicants will be accepted. This is a good opportunity to learn and enhance your leadership knowledge and ability. For further info, call Brenda.

4-H

4-H ain't just 8-18. A collegiate 4-H club is now being formed on the UMR campus. Planned activities include helping local 4-H clubs, exchanges with other collegiate 4-H clubs, recreation and social events, and regular service projects. A program will be presented by the Mizzou 4-H club at the organizational meeting to be held at 7:30 on October 20 in room 203 of the library. You need not be a former 4-H member to join. For more information, or if unable to attend the meeting, contact Mitch at 364-3489 or Lois at 364-2428.

CHI EPSILON SCHOLARSHIP

Applications for the Chi Epsilon Scholarship are now available in Room 111 of the Civil Engineering building. All juniors and seniors with a grade point average of 3.5 or above are eligible to apply. Deadline for return of applications is Wednesday, October 26.

AICHE

The next regular meeting of AIChE will be on Wed., Oct. 26, at 7:00 p.m. in Room G-6 of the Chemistry Building. The guest speaker will be from CFCA, who will speak on Chemical Manufacturing. Refreshments and memberships available after the meeting.

ORDER OF ENGINEER

Engineering graduates and prospective graduates are cordially invited to join "The Order of the Engineer."

You may choose to participate in either of the two ceremonies which will be held Wednesday, November 9 and Thursday, November 10, 1977, in the Mark Twain Room of the University Center at 4:00 p.m.

There is no cost to participate in the ceremony and receive the printed creed to sign. Should you desire to wear the stainless steel ring as a symbol of the order, the cost is \$5.00 (most do).

Rings may be purchased ahead of time in the School of Engineering Dean's Office, 101 Engineering Research Laboratory. Please go there and order your ring as soon as possible. Any questions can be answered there also.

CAN YOU PLAY CELLO?

The University Orchestras are in great need of low string players, specifically cellists. If you have Mondays 2:30-4:00 p.m. or Thursdays 7:15-9:00 p.m. open. Please contact Joel Kramme, G-8 Harris Hall (341-4185) to make arrangements for participation in either or both ensembles.

SUB

Sunday, Oct. 23 Indoor Recreation of SUB will present "Movie Seconds" at 4 and 6:30 p.m. in Centennial Hall. Admission is FREE with an UMR ID.

COFFEE HOUSE AUDITIONS

Auditions for SUB's Student Talent Coffee House will be held on October 19 from 6:30 to 9:00 p.m. in the Meramec Room of the New Student Union. For more information, contact Jerry Robinson at 364-1710.

SUB

Student Union Board's Square Dance Workshop will be held Tuesday, Oct. 25 in the St. Pat's Ballroom from 7:00 to 9:00 p.m. Bring your partner and do-se-do!

X-COUNTRY RACE

The annual UMR Faculty-Staff Graduate Student Cross Country Race is Saturday, Oct. 29 on the UMR Golf course. It will be held in conjunction with the UMR-Southwest Mo. State varsity track meet. The race starts at 11 a.m. sharp and contestants should show early to sign up. There will be two races—2.5 and 5.0 miles: No prizes will be given, but times and places will be kept. Call Don Oster, 4817, for details.

CREATION

A two-record set of the University Choir and Orchestra's Spring, 1977 performance of Haydn's Creation is available from the Music Office. The record set costs \$8.53 and may be obtained at G-8 Harris Hall. The performance was recorded by KUMR and the stereo record made by Audio House of Lawrence, Kansas.

UNIVERSITY ORCHESTRA IN NEED OF CELLISTS
The University Magnificat Orchestra and the University Chamber Orchestra are in great need of instrumentalists whose specialty is the cello. Persons who are interested in performing should contact Joel Kramme at 341-4185, G-8 Harris Hall, or show up for rehearsals on Mondays, 2:30-4:00 p.m. (Chamber Orchestra), and/or Thursdays, 7:15-9:00 p.m. (Magnificat Orchestra).

PREREGISTRATION

PREREGISTRATION for students now enrolled in school who will be returning for the 1978 spring semester will start October 31, and end November 4, 1977. For further information see the instructions in the front of the spring schedule of classes which will be available in the Registrar's Office on October 27. All who will be returning in the spring should preregister regardless of mid-semester grades.

NOTICE TO STUDENTS

The following is Federal Law regarding the Wearing of Military Uniform items. Violators are subject to a Federal Citation.

"Except as otherwise provided by law, no person except a member of the Army, Navy, Air Force or Marine Corps, as the case may be, may wear the uniform or a distinctive part of the uniform of the Army, Navy, Air Force or Marine Corps (10 August 56, C.1041, 70A Sta 34). This prohibition includes the wear of the field jacket with the insignia distinguishing "US Army" affixed by unauthorized personnel. US Army Personnel are not authorized to wear the field jacket with insignia distinguishing "US Army" affixed with civilian clothing."

E.I.T. STUDENTS

Attention all engineering students taking the E.I.T. this fall. The schedule of review sessions will begin on Oct. 18 in the C.E. Auditorium from 7-10 p.m. on these dates on these topics with the help of the following professors.

Thur. Oct. 20	7-8:25 p.m.	Elect. Eng.	Prof Nau
	8:35-10 p.m.	Mech. Eng.	Prof Howell
Tues. Oct. 25	7-8:25 p.m.	Strength of Material	Prof Parry
	8:35-10 p.m.	Mathematics	Prof Kern
Thur. Oct. 27	7-8:25 p.m.	Eng. Economy	Prof Roberts
	8:35-10 p.m.	Fluid Mech.	Prof Bayless

Jazz Ensembles To Perform

SOURCE: OPI

University of Missouri-Rolla Jazz Ensemble I and Jazz Ensemble II will give a joint concert at 8 p.m. Tuesday, Oct. 25, in Centennial Hall of the University Center East. Everyone is invited and there is no admission charge.

The program will feature sounds ranging from Count Basie to Maynard Ferguson and

music from "The Whiz" ("Whiz" is a rock version of "The Wizard of Oz," a current Broadway production).

Both groups of students (Jazz I has 22 members and Jazz II has 20) are directed by Tom Ruess, lecturer in music. Ruess, a musician with the 399th Army Band at Fort Leonard Wood, received his bachelor of music education degree from Murray State University in

Kentucky.

He plays clarinet, alto and baritone sax with the stage band and rock band at Fort Wood, is staff arranger for both groups plus the concert band and is rehearsal director for the stage band. He has performed in concert with Clark Terry, Urbie Green, Phil Wilson and Jamey Abersold. This is his second semester as director of UMR's jazz groups.

Stuco Bitch Box

There are many ways to get in touch with the Student Council at UMR, but one of the most direct ways is through the bitch box. Anytime you have a complaint relating to the campus, the living areas, or anything else in the school system, drop it in the box. That is what the Student Council is here for: to aid the students.

The only way we can help is if we hear from you.

The bitch box is located by the candy counter in the new Student Union. The only thing we ask, when dropping a complaint in, is that it be legitimate. Even though some of the jokes that are dropped in the box do humor us, we really do not have time to waste on them.

If you are wondering how we handle the complaints, we simply bring it before the Council and decide what action to take. We will try to resolve

the problem as soon as possible. I hope that you will take advantage of the bitch box more this year so we, the Student Council, can help you.

Concert Rescheduled

SOURCE: OPI

British pianist Richard Meyrick has rescheduled his concert at the University of Missouri-Rolla for 8 p.m. Thursday, Jan. 25, in Centennial Hall of the University Center.

Originally set to appear at UMR on Tuesday, Oct. 4, Meyrick had to postpone his concert because of difficulties in obtaining a visa.

Those who have already purchased tickets for the earlier date will receive a refund.

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Is this the pajama race or is this a typical Miner escaping from the rockpile? Don't be fooled, it's the pajama race. Russ Davis was the winner of this event.

(photo by H. Burford)

Band Students Provide Homecoming Entertainment

By MICHELE HALL

Students at UMR who spend part of their spare time playing with various school musical groups got a real workout during the homecoming weekend.

Friday evening, a jazz combo provided background music for the social hour sponsored by the MSM-UMR Alumni Association at the St. Pat Church Recreation Hall. The same group, under the direction of Tom Ruess, visiting instructor of music, played for the alumni dance at 9 p.m. in the same location. Also Friday evening a 25-member pep band added color and spirit to the annual M-Club bonfire and pep rally on the intramural field.

Saturday at noon a brass choir and vocal quartet, enhanced the dedication ceremonies held at the alumni luncheon in the newly-named Gale Bullman Multi-Purpose

Building. Shortly thereafter, the Marching Miners began the pre-game festivities on Jackling Field.

Following the traditional homecoming pajama race, sponsored by the Interfraternity Council, some of the band members conducted a pie-eating contest. This somewhat messy activity was sponsored by Kappa Kappa Psi and Tau Beta Sigma, Honorary band fraternities.

Just prior to the kick-off the marching Miners entertained the crowd with "On the Mall" by Goldman, "The National Emblem March" by Bagley and a special arrangement for marching bands of "Abide With Me." Following the traditional rendition of the "Star Spangled Banner" and trooping of the colors by members of Pershing Rifles, the band concluded its pre-game show with "Fighting Miners" in the "M" formation

on the field.

At halftime, the band performed marching maneuvers on the field while playing "Here Comes the King," "String of Pearls," "Beer Barrel Polka" (a salute to the 50-year class), and the West Virginia Wesleyan Alma Mater in honor of the late Gale Bullman, former athletic director and football coach at UMR. For the queen coronation ceremony the band played music from "Star Wars".

Later that evening a small band combo performed for the alumni in the Miner Lounge preceding the annual Alumni Awards Banquet.

Dr. David Oakley, band director at UMR, had hoped that the new band uniforms would be delivered in time to make their first appearance at the homecoming game, unfortunately they weren't and the band made do with St. Pat's sweatshirts.

American Views Of Man And Technology

Ever wonder why Jefferson rejected manufacturing as a fit activity for the new United States? What the "American way of manufacturing" refers to? What social movement wanted to place engineers at the helm of society? Answers might be sought in a new course entitled Popular Philosophy and Technology: American Views of Man and His World and the Role of Technology.

The Course will center on a series of case studies in the American experience that range in time from the Puritans to the early 20th century, that involve widely divergent "popular philosophies" and exhibit a range of American attitudes toward technology. The focus of concern will be the relation-

ships of popular beliefs to the role and social organization of technology.

The National Endowment for the Humanities is providing funding in the form of a Demonstration Grant to institute this new interdisciplinary course on the UMR campus. The course will be team-taught by Dr. H. Eisenman (History) and Dr. C.A. Smith (Philosophy). Cross-listed as both History 201 and Philosophy 201, it will be offered spring semester. Students who are interested in this course should consult with Professors Eisenman and Smith before pre-registration as the enrollment will be limited and will require consent of instructors.

Miner News

Energy-Crisis Solutions

(cont. from p. 1)

faculty, and students. Some faculty members required attendance at certain sessions of their students.

The conference received wide publicity. UMR's Public Information Office sent out news releases to professional journals. The office works almost year-round on the conference. Starting in November or December, the call for papers for next year's conference will go out.

Conservation

By RENNY EISELE

On Wednesday, Oct. 12, the second day of the UMR-DNR Conference on Energy a session was given on Energy Conservation, in the Mechanical Engineering building in Room 104. The chairman of the session was John Wright, The Gas Service Company, Kansas City Mo. The papers given were Energy Conservation-A Steel Company's Approach by F. Greene of ARMCO Steel Corporation; Energy Saving at No Cost by J.E. Mosimann of Western Electric Company; Energy Conservation Through Recovery of Waste Heat from High Temperature Stack Gas, by C.R. King of Eagle Picher Industries, Inc.

Mr. King in his paper explained how his company recovered the heat from the stack gas and used it. The company purchased two boilers to utilize the wasted energy. They diverted the gas from the stack

into a boiler by induced draft. The boiler then used the energy to generate steam to be used in other places in the plant. The other boiler is kept for a spare.

The project was undertaken in 1974 because before that it was not economically feasible. The abundance of fuel, natural gas and oil made it cheaper not to recycle the waste gas. When recovering the wasted energy the process must create a dollar and energy savings and it also requires that the company is ready to make a capital investment. The company must also consider the operating complexity of the system. If the system is to complex then it may not be worth it to maintain the system. Another consideration is the energy balance, the energy recovered by the system must be able to be used in some form.

Government's Role

By MARK HASLETT

On Wednesday, October 12, a panel discussion was held as part of the UMR-Department of Natural Resources Conference on Energy. The topic of discussion was "Energy Crisis - The Role of Government."

Guest panelists were Dr. J. Lyle Reid, Director of Energy Projects in the new Department of Energy; Tod Davis, Director, Program for Energy Planning, Department of Natural Resources; 6th District Missouri State Representative James L. Russell; and Lester A.

Leibman, Public Transportation Coordinator for St. Louis County. Moderating the discussion was Lenore Loeb, Energy Chairman, League of Women Voters of Missouri.

Dr. J. Lyle Reid, speaking on the national level, stated that there are three main areas for projects that the Federal Government is concentrating on at the present time. The first of these areas is aimed at developing a tendency to use more coal. The second is to conserve what petroleum and natural gas we have by bringing up prices to foreign levels. The third and final project area is responsible for increasing domestic production of energy products.

Tod Davis, speaking on the state level, said that D.N.R. is also working on three program areas. These include solar energy promotion and steps to provide the Governor of Missouri with powers to prevent an energy emergency.

At the present time the governor is possessed only with powers to act in an emergency, and has no power to prevent such a situation from occurring.

The D.N.R.'s third program area is directed toward increasing the efficiency of the end use of fuels. Davis said that the DNR is also working on a toll free number for an energy information clearinghouse, though it is still in its developmental stages.

Representing state politics also was Representative James L. Russell. He suggested that Missouri's energy policy closely parallels that of the Federal (cont. on p. 5)

Missouri Miner Staff

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

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Eclipse Viewed At Observatory

By ROBERT BURCHETT

On Wednesday, October 12, the moon eclipsed the sun at 3:15. The eclipse lasted for 90 minutes in Rolla with the moon covering 20 per cent of the sun's disk at the peak of the eclipse. The eclipse was full only on a line across the Pacific from Hawaii to South America.

The eclipse was observed and photographed by members of the Astronomy Group of the UMR Society of Physics Students. Approximately 100 people, including students and local residents got to look at the sun during the eclipse. They saw a bright orange disk with a few faint sunspots as the moon slowly blotted out a circular segment of its surface.

The telescope used to observe the sun was a four inch refractor fitted with a solar filter to prevent eye damage. This particular telescope is rather historic in that its lens was ground by Arthur Clarke, who also ground the lens of the largest refractor in the world, the 40 inch telescope at Yerkes observatory.

According to David Lantheigne, president, the Astronomy Group's main purpose is to provide aid and access to equipment to anyone interested in astronomy. The Group has a total of five telescopes, including the four inch refractor and the 16 inch reflector mounted in the observatory north of the

Engineering and Materials research buildings.

In addition to the telescopes the Astronomy Group has a photometer, an oscilloscope, and several recording devices. Plans are being made to use some of this equipment in two projects which will contribute to our knowledge of the universe. This is not an exaggeration of the importance of the projects. Operating costs for the larger observatories are so high that they can not afford to collect data on the large scale which is

made necessary by the billions of stars in our universe. This is where amateur astronomers make their contribution.

The first project planned is careful timing of the occultations of stars by the moon. As stars appear to graze the surface of the moon, careful observation will reveal that mountains and valleys on the surface of the moon alternately hide and reveal the light of the star. Careful timing of these flashes of light, along with a

record of the star and the position of the observer makes it possible to make a very accurate map of a strip of the moon's surface.

The other project is concerned with some of those faraway galaxies we've been hearing about. There are certain types of stars known as Cepheids which give off light in extremely regular periods. The frequency of these periods is a function of their absolute brightness. By measuring the period length and the observed

brightness of the stars it is possible to calculate the distance of the galaxy in which they are located from earth.

You don't have to be a physics major to join the astronomy group. All it takes is a bit of curiosity about the sky, and at this time of year some warm clothing. The group holds an open house at the observatory every Friday night from 8:00 to 10:00 when the weather is clear, and everyone is welcome to attend.

People's Attitudes Toward Wildlife

Young People's Attitudes Toward Wildlife: Whether this nation's environment will suffer further degradation will depend largely on the activities and attitudes of its future citizens and policymakers. In an attempt to ascertain the current, general attitude of young people regarding wildlife and their degree of participation in wildlife-oriented activities, Gerri Ann Pomerantz, in conjunction with the Michigan Department of Natural Resources, conducted a random survey of seventh through twelfth graders in Michigan public schools. Submitted as her master's thesis at Michigan State University, the study,

entitled Young People's Attitudes Toward Wildlife — 1977, revealed the students' overall esthetic appreciation for wildlife and a genuine desire for more environmental education programs. While results indicated a general lack of knowledge about the biological processes of wildlife, a majority experienced close contact with wildlife through fishing or watching and feeding animals. Television programming has significantly increased their awareness and knowledge of wildlife; however, young people seemed to desire more nature centers and city parks to discover and enjoy wildlife firsthand.

Rolla Gives Aid

By ROBERT BURCHETT

A committee of Rolla businessmen co-chaired by Victor Lomax and Russell Perry is working on a program which will provide financial support to the University of Missouri-Rolla. Any funds raised by the group will be applied according to priorities established by the chancellor. These include scholarships, library acquisitions, and laboratory equipment.


The program, which will operate on an annual basis, begins with a mail campaign. The purpose of this is to inform the local residents of the program and determine their reaction to it. All those who indicate any interest will receive a personal follow-up visit.

The goal of the program is \$15,000. When Mr. Lomax, owner of Kenmark Sporting Goods, was asked the reason for the program, he replied, "It's definitely a matter of economic health. If local merchants knew who actually rings their registers, we might get a better response. Some people came crying to me about what would happen if we lost USGS. That would hurt my business, but the day the college closes its doors, I'm closing mine."

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The Devil's Adversary

By MARK MARIKOS

One aspect that sets Christianity apart from all other "religious" groups is the acceptance of what the Bible calls "sin", probably the most misunderstood word in the Christian vocabulary. The concept of sin is introduced in the first chapters of the Bible; in fact the entire Old Testament illustrates the sinfulness of man through the history of the Hebrew nation. It must be of considerable significance if the Bible devotes so much time to it; therefore let us see what the word means and what its implications are.

Sin does not necessarily imply an evil or socially unacceptable deed. Even the most good-willed deed can be sin. And we know that what is socially acceptable today is not necessarily any measure of what is right. Rather, sin is simply disobedience to God. The Bible says that all that does not proceed from faith is sin (Romans 14:23). Therefore anything not done as a result of faith in God is sin.

Further, sin applies to the state of man in his rebellion against the god who created him. It applies not to individual deeds but to the overall state of being of man. Any one who doubts the universality of sin need only confront others (and himself with the word of God and watch the walls being thrown up against it.) Man does not want to face God on God's terms, only on man's terms.

The effect that sin has on man is devastating. In his rebellion against the God who made him, man has cut himself off from the only one that can give meaning and purpose to his being. Therefore he feels lost; he feels that his life lacks direction; nothing seems to satisfy this inward craving that he cannot even explain. Consequently he spends his life searching for the missing element. Someone once said that each man was created with a God-shaped void within. We spend our lives trying to fill that void with everything but God, but nothing fits, so the

emptiness continues. Only when we place God there will that emptiness be filled. Because of that emptiness, we feel frustrated and turn to our desires and passions to lead our search; and we are lured into all manner of troubles. Just look at the world today for evidence of this.

Although we have cut ourselves off, God has provided a way to get back. Through faith in Jesus Christ we may become children of God and full heirs to his kingdom (Galatians 3:23 through 4:7).

The idea of sin is a hard one to accept, as none of us likes to admit that we are wrong. However, examine your life; if there is any deviation from the life of Christ, by definition you are in sin. I say this not in order to condemn, but to bring you to the same point that I was brought to when I realized that I must turn to God and ask for forgiveness from him. I hope you too will arrive at that point and fill that void within you.

(cont. from p. 3)

Government's, and neither one of them has done a "darned thing." Russell also said that unless Missouri acts quickly, the Federal Government is very likely to step in and take charge.

Needed, he said, are programs such as a statutory authority to collect an energy profile on Missouri, the continuation of the promotion of energy conservation, and legislation of a "Solar Energy Rights Act."

Finally, Lester A. Leibman spoke on the role of county government in the Energy Crisis. Leibman said that the county will do what it can within the parameter of federal and state legislation, when it is passed. In the meantime, St. Louis County already has several programs aimed at energy conservation. These include the Home Winterization Program, voluntary standardization of thermal related building codes, and the continual examination of the county's individual departments to determine where the county government itself can conserve energy.

Simulator

By ROBERT BURCHETT

If you attended any of the Energy Conference sessions last week, you may have come away with a rather confused picture of the relationships between the various sources and demands for energy. You may also have asked yourself the question: When is it all going to fall apart?

One way to clear your confusion would be to get your hand on an Energy-Environment Simulator. This simulator was demonstrated in several workshops during the Energy Conference, giving those who attended a chance to see for themselves what could happen under various energy politics.

The Energy-Environment

Simulator is a 31 variable analog computer designed by a committee led by John R. Amend at Montana State University-Bozeman. The project was sponsored by the Energy Research and Development Administration. There are presently 70 simulators in use, located at colleges and universities all over the country, along with a few which are run by ERDA.

Unbiased operation of the machine almost always leads to some definite limits to what we will be able to do. The main one is simple — we're going to have to accept some problems for a

few decades. The alternatives are a reduction in our standard of living, or possible increases in the pollution of our environment. The Energy-Environment Simulator is simply a method of educating the public to make the choices which are ahead of us.

The simulator is available for group workshops. If you are interested in sponsoring one of these sessions, contact:

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Simulator Coordinator
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Homecoming Queen, 1977

Dianne Speer takes crown

By DEBBIE MEISTER

Homecoming Weekend of 1977 was a welcome relief, for most students, from their hum-drum lectures and labs and the last minute cramming for mid-term exams and papers. Parties, dances, social teas and basic good-times were had by all. The Miners won their game and half time brought the official announcement of the 1977 UMR Homecoming Queen, Ms. Dianne Speer.

The new qualification for the UMR Homecoming Queen was in effect for 1977; all Homecoming Queen candidates were required to be UMR co-eds. Eight finalists out of the total representatives were chosen by a panel of judges consisting of one person from each organization and 5 faculty members. Every UMR student had an equal opportunity to vote for one of the 8 finalists October 10, 11, 12. One complaint against this election procedure, that the largest organization's candidate had the crown in-the-bag, was proven unfounded. Homecoming Queen Dianne Speer represented Pi Kappa Alpha Fraternity, far from the largest organization in the running.

Talking with Ms. Speer, it is not difficult to understand why

the polarity of votes went her way. Dianne is a charming young woman, with intelligence, a warm personality, and a refreshing natural beauty. Hailing from Carthage, Missouri, Dianne attended SMS as a Physics major before transferring to UMR her junior year. "Physics seemed too impractical and theoretical; I wanted to study a more applied science," Dianne explains.

So far, Dianne has had two summer jobs relating to engineering. One summer she spent working for a research lab of Amoco in Tulsa, and last summer as an assistant engineer for Getty Oil, also in Tulsa. Asked how she feels about women's role in the field of engineering Dianne replied, "Women should be encouraged in high school to go into engineering. They will soon have to be accepted by the companies as engineers, not just hired to fill a quota. Women need to be satisfied with their job, just like men."

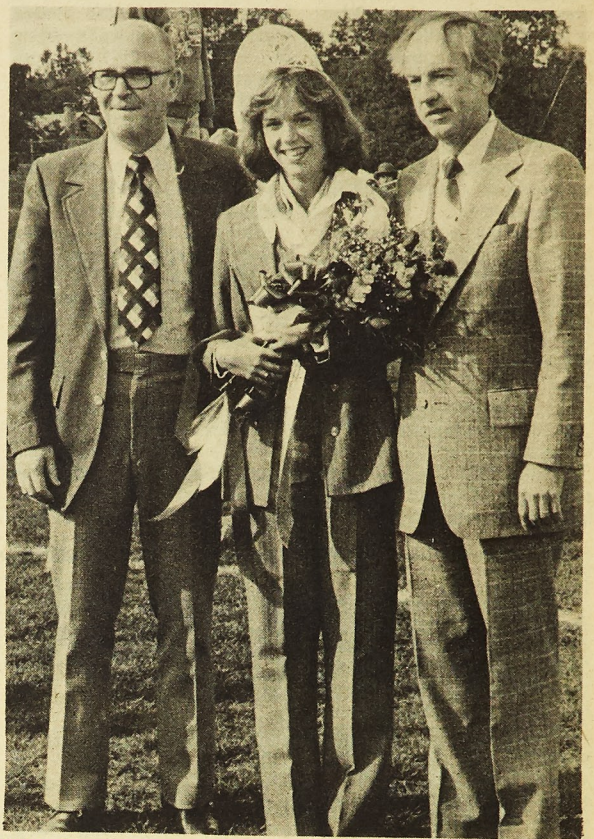
Although Dianne has no current plan for marriage, she suspects she will marry in the future, but "I will keep working. I didn't go to school this long not to go to work. Personally, I would not be satisfied just to be a housewife."

Ms. Speer is a member in Tau Beta Pi Honorary Engineering Fraternity, Society of Women

Engineers, as well as holding the office of vice-president in both Pi Kappa Alpha Little Sisters and the Association of Engineering Geologists. Also, Dianne is an active member in her sorority, Kappa Delta. Speaking out for the Greek system Dianne comments, "I was independent for 2 years, so I had it both ways. I think the Greek system and its idea of sisterhood and brotherhood is really great. It gives you a feeling of closeness to your sisters and brothers and adds something extra to going to school."

If anyone has ever wondered what its like to be a Homecoming Queen, Dianne would tell you, "I don't feel any different, better, or more important, but I do feel honored." After the runners-up had been announced, Dianne admits, "I didn't even hear my name called." She only remembers being the only one left and thinking "It must be me!" Diane adds, "I was kind of in shock. They really kept it a secret, and it was really a surprise."

The Pikers were very happy, needless to say, and gave a champagne toast to the Homecoming Queen after the game. The Miner Staff congratulates Pi Kappa Alpha and UMR's 1977 Homecoming Queen, Ms. Dianne Speer.



Miss Dianne Speer, Homecoming Queen of 1977, receives her just rewards Saturday afternoon. Dianne is a member of Kappa Delta and was representing Pi Kappa Alpha.

Photo by H. Burford

Spotlight

on Dr. Warren

Compiled from articles by Gerald Cohen and Sally White by Linda Marie Ponzer for the Missouri Miner.

Poet-professor-painter-father, what could perhaps be four full-time occupations are all successfully combined by Eugene Warren.

Eugene was born in Colorado and grew up on a farm in east Central Kansas. He holds B.A. and M.A. degrees from, KSC-Emporia. He joined the UMR faculty six years ago and has taught rhetoric and composition, exposition, American literature, black-American literature, creative writing, advanced composition as well as Fantasy literature and The Bible as literature which are two courses he introduced to the English Department.

Professor Warren is the poetry editor of the journal, Christianity and Literature, has recently published an expanded edition of his book *Christographia*, edits *Grafiktraks*, is contributing editor of *For The Time Being* and is a correspondent of *Sojourners*. He has also had many poems published by *Christianity Today*.

Warren characterizes himself as a Christian within the radical Anabaptist tradition, though

influenced by Anglicans such as C.S. Lewis and Charles Williams, and a Roman Catholic such as Thomas Merton. Of "Christographia" he says, "These 'visions of Christ' are not expositions of dogma, although I hope they are doctrinally sound. Faith in Jesus Christ (which is more than knowledge about Him) is a personal commitment; so these poems attempt to express personal views of, and perspectives on, Christ. The angle

may sometimes be pretty oblique, yet the focal point (even if it is outside the form of the poem) is Jesus Christ, the Godman of classic Christianity."

Warren is recognized as being one of the leading poets of Christianity in the United States. The first edition of his book *Christographia*, was favorably received. It was reviewed in the *St. Louis Post Dispatch* by Howard Schwartz. Of it he said:

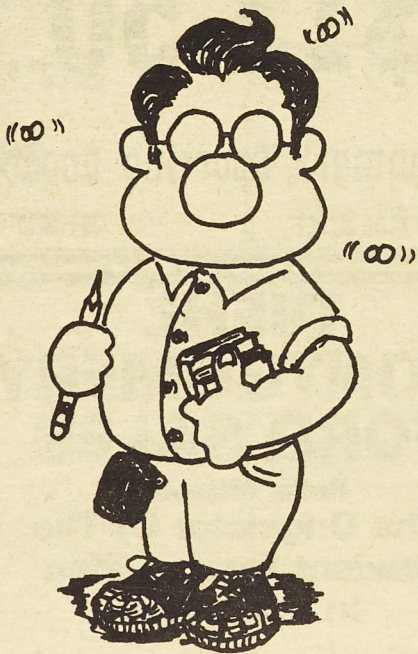
Christographia...consists of a series of 15 poems that make up a very beautiful and profound meditation on Christ. As few poets in modern times have succeeded in doing. Warren has created religious poems that avoid cliches at every turn and are almost always moving and authentic,

As with all devoted believers, Warren sees no division between the sacred and the secular, as is demonstrated in the love poem entitled "For my Wife": "We, two are halves of one image etched unlikely on fortunate dust...I am the prophet of your belly and you the priestess of my seed."

All of Warren's poems show evidence of having been thoroughly revised, and there is rarely a word choice or line break that can be brought into question.

A reception honoring Eugene Warren was held Wednesday, October 19 in the Miner's Lounge in the University Center. He gave a very well received reading of his book to a

good sized crowd of students, staff, faculty and members of the community. Copies of his book are now available at Aquarian Book Store, Campus Book Store at \$3.50 a copy.



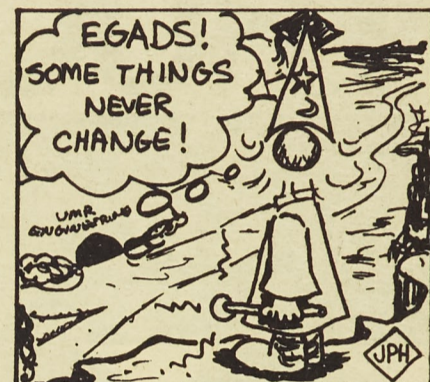
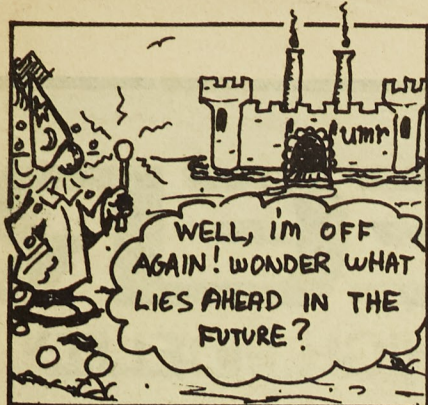
ROLLO P. NERD

Schlepp Award of the *Jeet'h*

A very special award this week goes to the yokel or local whom, in a mad fit of pyromania, did deign to prematurely ignite the pile of trash destined to become the Homecoming Bonfire.

It wasn't very cold, and no marshmallow bags were found, so we are at something of a loss to understand it. But we hope he/she is happy and that he/she burned their little toesies.

the Professor and Lancelittle



Drama Group Performed

By LINDA PONZER

In today's inflationary economy who can exist on the paltry sum of twenty dollars a week? That is what the Covenant Players do indeed exist on. At times the road life is dull and the money just doesn't reach. There are times when they don't even know where their next meal is coming from. But it always comes...from somewhere.

The Covenant Players are a traveling group whose main objective is to communicate, using contemporary drama featuring people and the world they live in. They are basically a ministry of Faith. This ministry is for some a job for a few years, but for a few it is a life-time career.

This talented group of individuals performed in conjunction with the UMHE sponsored Energy Conference. The group consisted of: Randy Bender, aged 21 from Fort Meade, South Dakota; David Bowman, aged 25 from Greensboro, North Carolina; Ben McNeilly, aged 22 from Canada; Kim Christy, aged 19 from Akron, Ohio and Judy Ottleson, aged 23 from Prairie du Chein, Wisconsin.

Nels Marshall, Regional supervisor for the Covenant players, also performed with the group. Nels has been with the CP for over four years and has performed over 7000 times.

The Covenant Players were formed on September 29, 1963. Charles M. Tanner, the founder,

director and writer of the CP was born in Sulamanca, New York. He is a full member of the Screen Producers Guild of Hollywood and a signatory participant to the Title Registry Bureau of the Motion Picture Association of America. Mr. Tanner had for years been trying to establish the idea of drama into the Church. His first year there were 64 performances, now they do over 64,000 performances a year.

Where the CP once consisted of just one group, there are now 47. Many of those who join the CP do so after seeing them perform. Randy Bender, the unit director of this particular group stated that he joined for

(cont. on p. 12)

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On next week's Flipped, "Twilley Don't Mind" by the Dwight Twilley Band will be played on Tuesday evening.

Then next Thursday on Flipped, the Rolling Stones "Love You Live" will be featured.

The albums for Flipped are being provided by The Sound Trap which is located on 108 S. Bishop in Rolla.

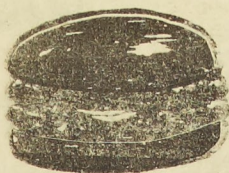
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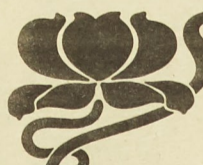
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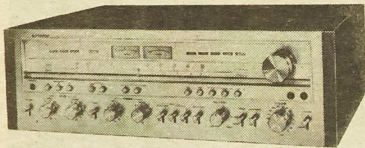
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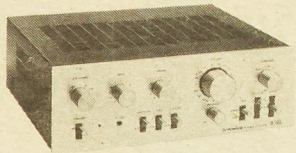
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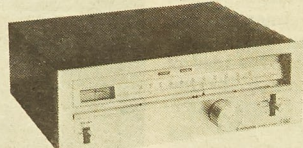
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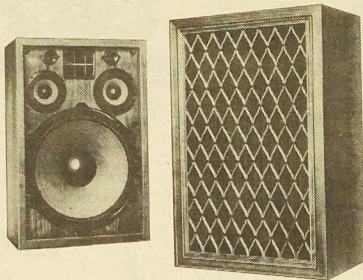
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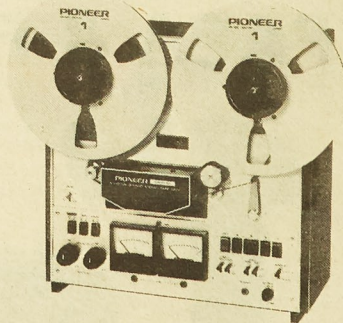
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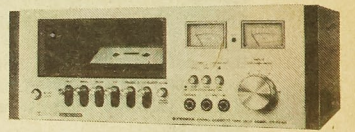
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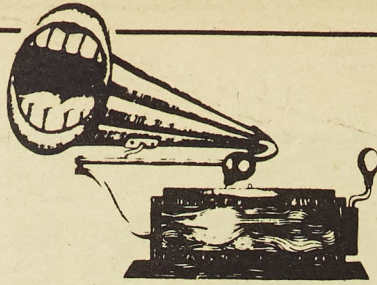
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H. O. and A.



Well, no concerts this week! I didn't make it to the Michael Stanley bash, but I understand it was pretty good. (There's your review in a 250 mg. capsule) Nothing like feeling irresponsible and missing a major event. Nothing.

I did happen to make it over to the Student Union last week to catch a bit of the Energy Conference, tho. I would just like to say that I have never seen such a large collection of Bozos in this vicinity, at the same time, during my embarrassingly long residence at this hallowed institution. (Except for maybe...well, never mind; I really did hope that something worthwhile, in a broader sense than technical, would come leaping forth out of the gloom, and smack me right between my self-righteous eyes, but I remain to be smitten. I got the feeling that the energy crisis could be partially solved, had they but bottled the hot air released by Bozos, Inc.

The first doubt to cause may ever-mobile eyebrows to knit in consternation came when I viewed that marvel of modern technology; the Energy Environment Simulator! (or some similar misnomer) I still can't figure out if they were serious. Honest to Zappa, there was this 2 by 3 foot box, about 6 inches thick or so, all lit up with state-of-the-art alphanumeric displays and cute little LED lights proudly proclaiming to be able to simulate an environment from which energy was being extracted along with other resources, and to predict future energy availability, along with other important quantities one needs to know. Well...all very well and good, but I fail to see the earth-shaking need for magic boxes that cost astronomical sums to develop, and do essentially nothing except...you guessed it...use (waste) energy. (That's right folks, you've been reduced (again) to numbers, figments, and fractions of attocoulombs.) I understand that \$7000 or a similarly large sum, was 'invested' in purchasing this magic box. for UMR. That's twenty times the tuition (oops! Incidental Fees) you folks paid at the beginning of the semester.

Willing to shake that off; "Everybody has to have a gimmick these days," I said, keeping an eye out to avoid having boiling coffee dumped in my crotch by a flying Bozo, and proceeded to examine my surrounding further.

After I had been processed, and received my name tag, neatly typed, I perused the literature laid out in the registration area. I saw programs (can't tell a Bozo without a program), maps and tourist blurbs, but not a whole lot for the average type dude. There never is. Nothing, except classes, was happening at that time, so I split with the goods, and dropped by the various lectures to enrich myself.

It would be less than fair to not mention the excellent technical lectures, presented in understandable jargon, available to the conferee. But the bullshit!! It got kinda deep at times. Like when the economists trotted out and proceeded to justify the Screwing of the American Consumer. Like when the Solar Energy Freedom Act was unveiled. But, most of all, when I saw the UMR car-bus tooling around town with two Bozos in it, and five times that many empty seats. About that time I sez, "Poot on it."

What good does it do to design neat little gadgets to use a less damaging form of energy, or use what we have more efficiently, when, evidently, the Bozos In Charge don't give a damn one way or the other?

I got the distinct impression that our highly-touted Energy Conference was a sham. The technical papers presented, although interesting and thoughtful, were probably also submitted to various journals, and would have received due notice there. The various forums, from what I saw, were so much Pablum. The conferees drank coffee from Styrofoam cups, which were then thrown away. They received pamphlets and the like on paper which

was mostly thrown away. Energy was spent ferrying them around town. They no more conserved energy than the man in the moon, and my money, which I worked hard to earn, was thrown around like so much sand at the beach.

This, at a school noted for its quality of engineering, was a kick in the butt for everyone affiliated with UMR. I'd like to see something a bit more in touch with everyday reality. How 'bout a Forum dedicated to the design and redesign household appliances to be more energy efficient? Or maybe one to recommend legislation guidelines that would permit business and the consumer to co-exist in the same reality? You know, something useful. It isn't as glamorous, I realize, and it won't impress the alumni. But...it might be worthwhile.

Several of the lectures and forums were taped by KMNR, and will be made available to the listening audience in a series of programs at some undetermined later date, so those of you who didn't get in on the action will have a chance to learn. One thing I relearned during last week: Beware of Bozos.

Ward Silver

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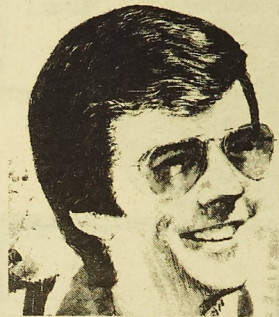
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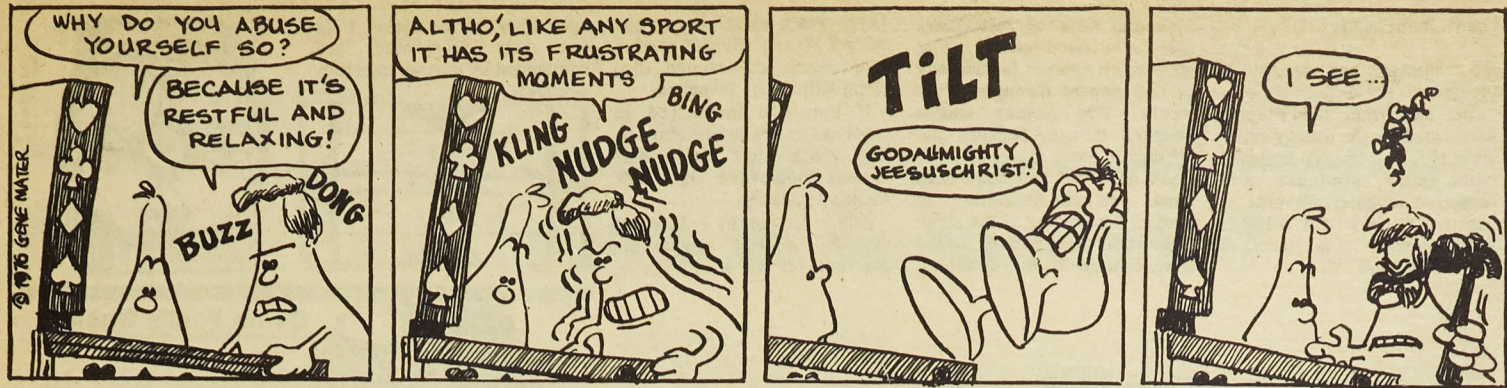
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(cont. from p. 7)

the "ministry and acting" it provides.

The skits that the Players performed for the energy crisis were received by the audience with much applause and receptive laughter. Several of the skits they did where; "Awareness," "The Name of the Game" and "Org."

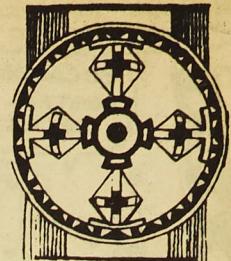
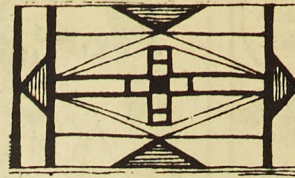
Several skits the performers did where based upon a comic strip which appears in hundreds of newspapers throughout the world. The names where changed though, because the syndicate owns them, and you know what the syndicate does when you use something of theirs. The creator of the strip, Charles Schultz let them use the basic concept of the characters.

There was a short clumsy boy named Stanley Blochit, and a loud mouth girl named Cleo along with other favorites.

If you are interested in receiving more information on this group, just write 6117 Reseda Boulevard, Box 697, Reseda, CA 91335.

The Covenant Players provided a truly unique experience for all who chanced

upon their performance. I for one was motivated and challenged by the message they brought.



Live! On Stage! Here they are, the Michael Stanely Band!

Photo by H. Burford

Concert Review

Michael Stanley Band Debuts

By LINDA MARIE PONZER

"You might never have heard of us, but you'll never forget us!"

The memory of the Michael Stanley Band concert will not soon fade. The concert was, for many, the highpoint of the 1977 Homecoming weekend. The band arrived into town, but ten minutes before performance time. They didn't keep the audience waiting long, and didn't let them down either.

The MSB consists of: Jonah Koslen; lead guitar, Daniel Pecchio; bass guitar and flute, Tom Dobeck; drums. Bob Pelander; keyboards and Michael Stanley; lead vocals and guitar. The Rolla concert was the last one in which Jonah Koslen played with the MSB. He will now go on to pursue a solo career. This marks the first exit of a member from the group.

Michael Stanley has been in the music field for over eleven years. Previous to forming MSB, he produced two albums of his own. These where "folk-style" solo albums which gained him some national recognition. Since these records did not bring in enough money, Michael quit music for a 9 to 5 job in Cleveland.

It was not until 1974, when Michael found himself being coerced into appearing on nationwide TV with Joe Walsh, Joe Vitale, David Sandborn and Paul Harris for a jam session on Dan Kirshner's Rock Concert. This was his first stage

presentation for more than five years and he found he like it.

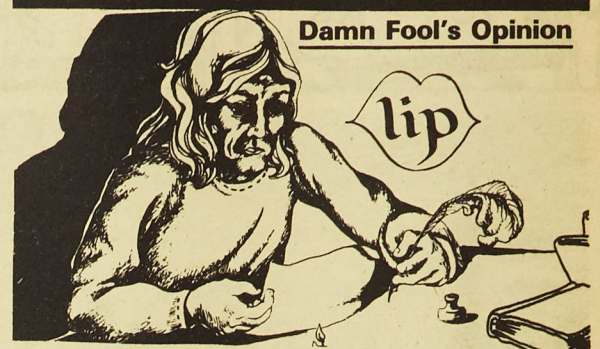
"I did not want to look back in twenty years and say, I wonder what would have happened if?" said Michael as to why he formed the Band, "I wanted to take my music as far as I could and see where it takes me."

Well his music has brought him to Rolla, for what was as he called it an "up" concert. "Reactions differ from city to city," said Michael and this crowd "didn't let us down." Referring to the road life.

Michael said; "It can be alot of fun or it can be boring as hell."

Perhaps the most memorable part of the concert was Tom Dobeck's drum solo in "Wild Sanctuary" or maybe it was that old Carole King song, "Will You Still Love Me Tomorrow" or maybe it was part of the two encores. Whatever your taste in rock, the MSB had something for you.

The Student Union Board really deserves a pat on the back for their undying efforts to bring such fine quality concerts to the UMR student body. So go pat a SUB member on the back, tell him I said to do it.



The Queen or not the Queen

What is the question?

By BRIAN W. KAVANAUGH

That is where the discussion ended.

This past weekend most of the campus enjoyed the Homecoming Festivities. The Coronation Dance, the football game, even the old pajama race, were all pretty much the same. There was one major difference in evidence this year, however. For the first time in the history of MSM-UMR, all of the Queen Candidates were required to be enrolled in the University of Missouri-Rolla. This editorial intends to dispute this ruling.

As some of you may not know, Student Union Board, Special Events Committee in particular, is in charge of coordinating the events of Homecoming, including the selection of the Queen. Sometime last semester, the members of this committee passed a rule among themselves decreeing that the candidate for Homecoming Queen must be a Rolla co-ed.

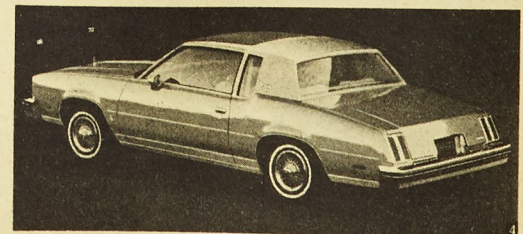
One might think that this committee would then bring the issue to a general student vote. They did not. One may also suppose that they would at least put it to a vote among Student Union Board since this is a much larger body on the whole than is one committee, and is hopefully more representative. Again this did not happen. Some weeks later, on a student survey released by SUB, they devoted the last question to the issue at hand. Approximately eight to nine hundred replies were received, I have been told, yet I, for one, was not made aware of the results.

The issue at large here is not whether the Queen should be a Rolla student. Personally, I think that she should. But the possibility exists that my opinion is of the minority.

In essence, who asked anybody? More importantly, 'Who asked YOU?'

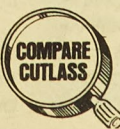
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COUPON

Miners Kick Mules in Second Half

By BILL FRANK

The Miners bettered their conference record to 2-0 Saturday by coming from behind to defeat the Mules of Central Missouri State, 20-14. The Miners remain tied with Cape for a share of the conference lead.

The first half started off bad and got worse. The Miners were unable to move the ball and were forced to punt six times. The Mules opened the scoring with 45 seconds left in the first quarter when Dane Henningsen, their big 215 pound fullback, rambled 47 yards for a TD after shrugging several tacklers. Greg Gable, Central's barefooted placekicker, converted the PAT.

Minutes later, Central intercepted a pass at the Miner 39. It took the Mules six plays to capitalize with Henningsen bullying for the last 15 yards, giving Central a 14-0 lead over UMR.

The Miners, still floundering, got a big break just before halftime when Kim Eubanks, the Mules' punter, fumbled the snap and the Miner recovered at the Central 18 yard line. It took seven plays, but the Miners scored with Vaughn slipping into the endzone on a one yard run. Rosenauer converted, and the Miners went to the locker room lucky to be trailing by only one touchdown.

Terry Ryan had only 23 yards on 15 attempts in the first half, but he provided the spark for the Miner explosion in the second half.

The second half began with Eubanks returning the kickoff 51 yards for the Mules which gave them good field position at the UMR 45 yardline. Central continued to romp and moved the ball to the Miner five, where they were faced with a third-and-goal situation. The Mules went

with Henningsen, but he fumbled and Craig Heath came up with the loose ball. The Miners immediately came to life, as Ryan punched forward for 13 yards on the very next play to get UMR out of the hole. Later on in what proved to be a 98 yard touchdown drive, Vaughn was sacked for a 10 yard loss. He came right back, though, and hit Dave Hall who came through with a big second effort, and dashed the final 24 yards for the tying touchdown. With 6:24 left in the third quarter, Rosenauer converted to make it 14-14.

The Miner defense was tough on the Mules' next possession and forced them to punt. With the wind in his face, Central's punter Steve Oberweather could only boot it 27 yards and gave the Miner's good position at the Central 48.

Vaughn hit Hall for 18, and then Ryan dashed for 18 more to put UMR at the Mules' nine yardline as the quarter ended.

Kenny Vaughn came through again with a pretty pass that fell into the arms of tight end Andy Cox in the end zone in the first play of the final quarter. Rosenauer missed his point-after attempt and the Miners led 20-14.

On their next possession, the Mules were faced with a fourth and eight dilemma at the UMR 44. They gambled and went for the first down and lost. Defensive tackle Matt Stone got a hand on Central's quarterback Bill Foster's pass to end the threat.

The Miners marched back again and got to the Mules' 10 yard line before Rosenauer missed a 27 yard field goal. Central was unable to move the ball again, and the Miners took over on their own 35 after the punt. They marched to the Mules' 7 yard line when Rosenauer attempted to put the

game away with a field goal. With less than a minute to play, the kick was blocked and Oberweather recovered and returned it to the Mules' 28. Central was a touchdown away from tying the game, but senior monster back Bubba Warwick came up with the big play. After tight end Marcus Dixon caught a three yard pass, Bubba nailed him and recovered the fumble when the ball squirted loose.

Terry Ryan and Kenny Vaughn were the standouts for the offense with Ryan netting a career-high 179 yards on 34 attempts and Vaughn completing 11 of 21 (52 per cent) of his passes for 161 yards. The defense was tough once again, allowing only 200 yards total offense while intercepting the Mules 3 times and recovering 3 of their fumbles. David Hall also had an excellent day, pulling in four Vaughn passes for 76 yards.

Terry Ryan is the second best running back in the conference behind the incredible Steve Powell of Northeast, Ryan has netted 810 yards and 5 TD's, but Powell has 977 yards and 8 TD's. Ryan has rushed for at least 100 yards in every game so far this year. Kenny Vaughn is the number one passer in the conference with 1,139 yards on 76 of 161 passes (47 per cent) and 9 TD's. He has a substantial lead over Mitch Ware of SMS. UMR can also boast the best receiver in the conference with Andy Cox who has caught 27 passes for 439 yards and 4 TD's.

This all sounds great, but they're going to need all that and more to attempt to give Northeast a run for the conference championship. This week they face SMS at Springfield's Homecoming in what should be an excellent game.

In other MIAA action last week, Northeast demolished



Dave Hall goes high for this pass - unsuccessfully. Saturday he caught four passes for 96 yards and a touchdown.

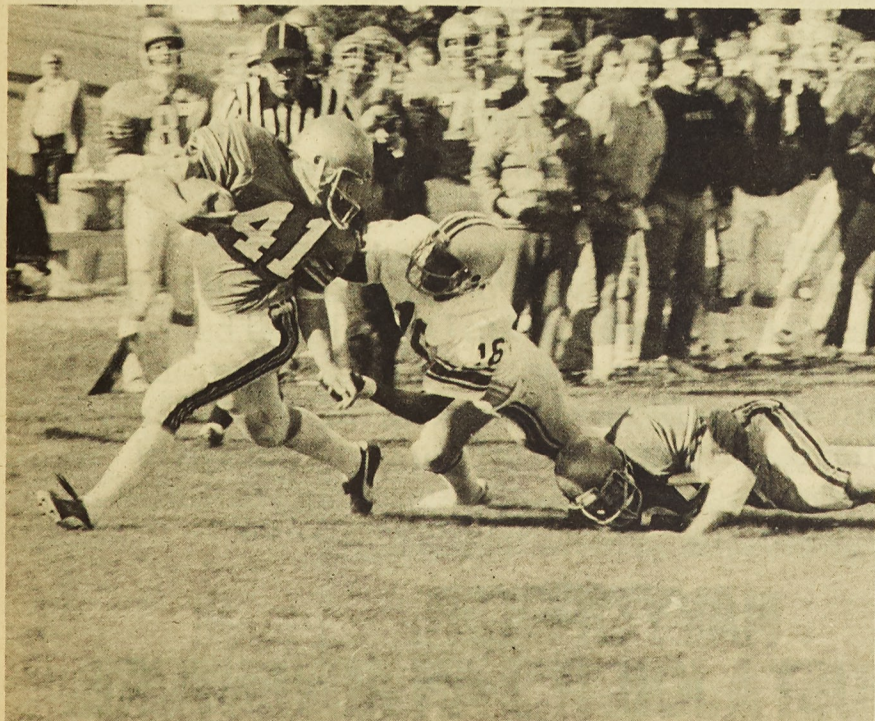
SMS, 49-0. Lincoln lost to Morningside, 35-22, and Southeast shut out Northwest, 16-0. Steve Powell rushed for 236 yards and scored three touchdowns for Northeast, and Steve Rampy scored twice, one on the ground and one on an aerial attack. Mike Wood of Southeast kicked three field goals against Northwest, one of those a 45-yarder. Southeast's two big backs teamed up for 341 yards between them.

The statistics:

	UMR	CMS
First Downs	19	12
Yards Rushing	228	134
Yards Passing	161	68
Total Yards	389	202
Passing	11-21	9-22
Interceptions Thrown	1	3
Fumbles Lost	1	3
Punting	7-32.8	4-35.6
Penalties	8-61	4-30
Leading Rushers:		
Ryan (UMR)		179
Leading Receivers:		
Hall (UMR)		96
Cox (UMR)		33

Conference Standings to date:

	W L T			Overall		
	W	L	T	W	L	T
Southeast Missouri	2	0	0	5	2	0
UMR	2	0	0	4	2	0
Northeast Missouri	1	0	0	5	1	0
Southwest Missouri	0	1	1	3	2	1
Northwest Missouri	0	1	1	3	2	1
Lincoln University	0	1	0	0	6	0
Central Missouri	0	2	0	1	5	0



Terry Ryan breaks another tackle. Terry had another outstanding game as he gained 179 yards on 34 carries. (Photo by H. Burford)

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M-Club

Athlete of the Week

This weeks M-Club Athlete of the Week is Dave Hall. Dave caught four passes of a total of 91 yards in UMR's 20-14 victory over CMSU. He also scored the Miner's second touchdown on a great individual effort, which tied the game in the second half. Dave is a junior majoring in Geological Engineering from Leawood, Kansas.

Girls IM Roundup

By MAUREEN MURPHY

Our women's intercollegiate volleyball team only played one game last week. It was against Evangel College in Springfield on Wednesday, October 12. UMR lost the match in three games but the team is looking forward to playing them again on Halloween, our last home game of the season. The team travels to Jefferson City this week on Wednesday, and then to Columbia on Saturday for a dual meet.

The swimming intramurals were very exciting. There was a large crowd of fans cheering for the swimmers. I would like to extend a sincere thank you, from all who swam, to everyone who came to watch. The overall results of the women's competition went in this order: KD took first with the co-eds of TJHA close behind in second. ZTA took third, Crescents fourth AWS fifth and in sixth but showing great effort was WRHA. There was a lot of individual effort but the real strength was from the teams as a whole. The relays were the big point winners of KD and TJHA. KD took first in the medley relay and TJHA took second. Where as TJHA took first in the free relay and KD took second.

All of the girls put on fine performances, and most important, everyone had a lot of fun. Hopefully next year we can let the ladies participate in the diving event. This could be very interesting and maybe the start of the "funniest dive" competition.

The results are not yet in from the women's racquetball intramurals. But, grapevine tells us, they are having a smashing good time banging the ball around.

The remaining intramural sports are all scheduled to start on Tuesday, October 25. This includes volleyball, table tennis, and billiards. That will be your last chance to see girls in cutthroat competition.

Attention: An unidentified source has informed me that first and second floor TJ co-eds plan on battling it out in a powder puff football game. First floor had quite a headstart on practices before they even challenged the second floor. But, the second floor called in coach John Bare in hopes that he'll whip the team into shape. They're having a bit of a problem though because their practices all turn into parties. Never fear, happy players are good players. Coach Bare assures us that his team WILL make an appearance. The game

Womens Basketball Schedule

Date	Team	Place	Time
Nov. 18	Culver-Stockton	(Canton)	7: 30
Nov. 19	Northeast MO	(Kirksville)	2: 00
Nov. 30	Columbia College	(Columbia)	5: 30
Dec. 2	Central Methodist	(Rolla)	7: 30
Dec. 6	Florissant Valley	(St. Louis)	7: 30
Dec. 9	Southeast MO	(Rolla)	7: 30
Jan. 17	Ft. Leonard Wood	(Rolla)	7: 30
Jan. 19	Columbia College	(Rolla)	7: 30
Jan. 21	William Jewel	(Liberty)	TBA
Jan. 22	Rockhurst College	(K. C. MO)	TBA
Jan. 25	Stephens College	(Columbia)	7: 30
Jan. 27	Southwest Baptist	(Bolivar)	7: 00
Jan. 28	Evangel College	(Springfield)	2: 00
Jan. 31	William Woods	(Rolla)	7: 30
Feb. 3	Lincoln	(Rolla)	7: 30
Feb. 6	William Woods	(Fulton)	7: 30
Feb. 14	Lincoln	(Jeff City)	TBA
Feb. 17	Stephens College	(Rolla)	7: 30
Feb. 21	Ft. Leonard Wood	(there)	7: 30
Feb. 24 & 25	State tournament		

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Cross-Country To Lambda Chi

Sig Nu Cleans Up Swimming

By BRIAN EDWARDS

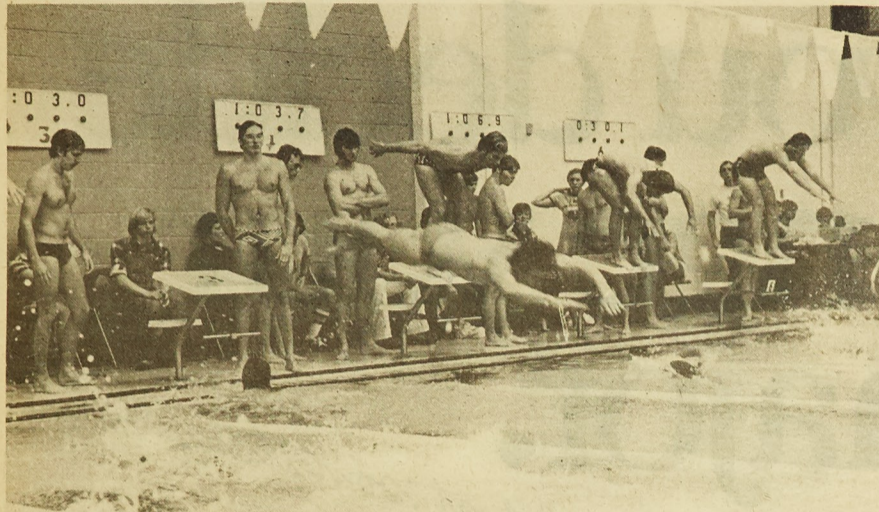
In the Intramural Swimming Finals held last Thursday and Friday Sigma Nu Fraternity completely out distanced the rest of the competition to take first place. Sig Nu finished 28 points ahead of second place Sig Pi.

In their remarkable performance Sig Nu set three new Intramural Swimming Records. Sig Nu's 200 Medley Relay team of Lammert, Bartz,

Zarse, and Padfield swam to a record time of 1:53.538. Then their 200 Freestyle Relay team finished with a time of 1:39.359. The Relay team consisted of Bartz, Crocker, Padfield, and Forthaus. Then in an individual effort Bartz set a new 50 Breaststroke record of 30.943. Sig Pi's Brennan also got his name in the record book as he swam the 50 Butterfly in 25.778.

The top four teams were Sig Nu 65 pts, Sig Pi 37, KA 28, and TJHA 19.

In the Intramural Cross Country race Lambda Chi Alpha Fraternity, paced by Walker and Burnett took first place. It was Lambda Chi with 6 pts., Phi Kap with 16, Kappa Sig with 20, and Sig Ep with 32 pts. The top finishers were Muellor an independant first with a time of 10:40. Walker of Lambda Chi was second with a time of 10:45. Then in third and fourth it was Allen from MHA and Burnett from Lambda Chi respectively.



In Swimming action: The 200 freestyle Sigma Nu cleaned up in Swimming this year. (photo by H. Burford)

INTRAMURAL SWIMMING RESULTS FALL 1977

	Meet Points	Intramural Points
1. Sigma Nu	65	150
2. Sigma Pi	37	145
3. KA	28	140
4. TJHA	19	135
5. Kappa Sig	16	130
6. Sig Ep	14	125
7. Phi Kap	12	120
8. BSU	5	107.5
GDI	5	107.5
TEC	5	107.5
TKE	5	107.5
12. ABS	4	95
13. AE Pi	3	82.5
Campus	3	82.5
Pi KA	3	82.5
Sig Tau	3	82.5
17. Delta Sig	1	70
18. Acacia	0	50
Beta Sig	0	50
Delta Tau	0	50
Focus	0	50
Lambda Chi	0	50
Mates	0	50
Triangle	0	50

INTRAMURAL CROSS COUNTRY RESULTS FALL-1977

1. Lambda Chi	2+4-6	90
2. Phi Kap	10+6-16	87
3. Kap Sig	9+11-20	84
4. Sig Ep	12+20-32	81
5. TEC	7+27-34	78
6. TKE	13+22-35	75
7. MHA	3+33-36	72
8. Pika	15+26-41	69
9. Sig Pi	19+23-42	66
10. Delta Tau	29+18-47	61.5
KA	31+16-47	61.5
12. Beta Sig	21+37-58	55.5
Sig Tau	34+24-58	55.5
14. Wesley	28+35-63	51
15. AEPi	40+30-70	46.5
GBI	38+32-70	46.5
17. ABS	36+39-75	42
18. Sig Nu	14+dropped	39
19. Delta Sig	5+0-5	36
20. FELA	8+0-8	33
21. Campus	17+0-17	30
22. TJHA	22+0-22	27

UMR Ruggers

Beat

St. Louis Royals

The UMR Rugby Club is having a fine year so far, with the Varsity, or the First Side as it is called by Ruggers, compiling a four and one record. There are several outstanding individual players on the squad and if improvement could be made on the coordination of all the players, UMR would be an excellent team.

Last Saturday, the UMR Ruggers took on the St. Louis Royals. At the half time whistle, UMR was leading, 6-4. Rolla came on strong in the final half and destroyed the Royals, winning 26-4. Sam Massey scored two tries, worth four points each, in the contest. Other scorers for UMR were John Schneider, Gary Underwood, and Brian Walker. Kevin Entwistle and Bob Budenholzer each kicked extra points in the match also.

This Saturday the team will travel to Columbia to take on Mizzou at their Homecoming. With their good record so far and some news plays that Rolla has been working on, they hope to stick to Mizzou.

Last night they held election of officers. They elected a captain, plus a Scrum Captain and a Back Captain.

Here are their results and scores to date:

SMS	30	UMR *	3
SMS	16	UMR	10
Cape	3	UMR *	23
Cape	8	UMR	0
Mizzou	0	UMR *	4
St. Louis U	0	UMR *	44
St. Louis	4	UMR *	26

* denotes (1st side)

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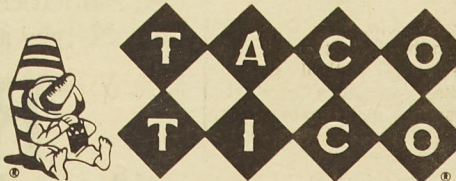
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 No one was ever very successful at something
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 For some time now, I've been plugging away
 at my major. My grades aren't bad. My teachers
 aren't bad. Everything's not bad. But for me,
 that's not good enough.
 So I'm changing. I'm starting from scratch
 in a field that does excite me. I believe in it.
 And I know deep down, I'll be better at it.
 And happier at it.
 I hope you're not disappointed in me.
 I rather hope you're proud of me.
 Let's talk about it when I get home.

—Love

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