



15 Sep 1977

The Missouri Miner, September 15, 1977

Follow this and additional works at: https://scholarsmine.mst.edu/missouri_miner

These newspapers reflect the attitudes, perspectives, and beliefs of different times. Neither the library nor the university endorses the views expressed in these collections, some of which contain images and language which may be offensive to some readers.

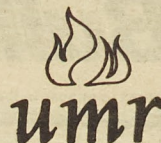
Recommended Citation

"The Missouri Miner, September 15, 1977" (1977). *The Missouri Miner Newspaper*. 2158.
https://scholarsmine.mst.edu/missouri_miner/2158

This Newspaper is brought to you for free and open access by Scholars' Mine. It has been accepted for inclusion in The Missouri Miner Newspaper by an authorized administrator of Scholars' Mine. This work is protected by U. S. Copyright Law. Unauthorized use including reproduction for redistribution requires the permission of the copyright holder. For more information, please contact scholarsmine@mst.edu.

The Missouri Miner

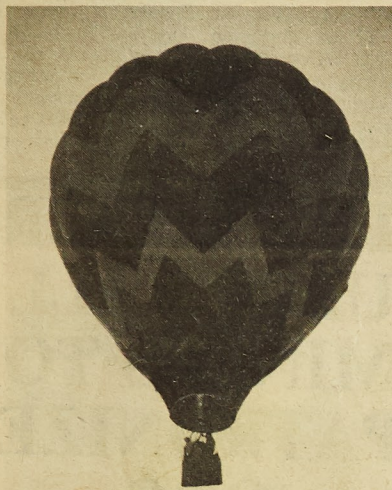
Official Publication of the Students of the
University of Missouri at Rolla



Thursday, September 15, 1977

Volume 64, Number 4

16 Pages



The AIAA will again sponsor tethered hot air balloon rides on the UMR Baseball fields south of the multipurpose building. The cost is a minimal two dollar donation per person riding. Due to high wind conditions this event that was to be held Sept. 9 has been moved to Sept. 16 from 6:00 p.m. to 10:00 p.m.

John Simpson from the Springfield Balloonport in Springfield Missouri will be the balloonist.

Private Firm To Collect Loans

Source: OPI

The job of collecting defaulted federally insured student loans will soon be placed in the hands of a private collection organization, HEW's Office of Education announced today.

The Office of Education (OE) is soliciting proposals from organizations which have had nationwide experience in collecting consumer loans and in tracing the whereabouts of defaulters.

Noting that OE is exercising an authority provided by the Congress in the Education Amendments of 1976, Leo Kornfeld, Deputy Commissioner for Student Financial Assistance, said the decision to use a private organization to collect defaults is "rooted in our firm conviction that those who are able but unwilling to pay their debts do a grave injustice to the American public who provided them with an opportunity for education.

"They do a serious disservice to the vast majority of former students who honor their obligations and jeopardize the futures of millions of students whose education aspirations hinge on the availability of these loans," he continued.

Basically, the successful bidder for the contract will be required to locate defaulted borrowers, establish a payment schedule, and arrange for payments to be made to OE. Another part of the job will be to recommend measures OE should take — including legal action — on debts the

organization is unable to collect.

The contractor will receive no appropriated Federal funds. Instead, OE will pay the organization a percentage of the payments collected.

The contract will apply only to the Federal Insured Student Loan Program (FISLP), under which the Federal Government has directly insured approximately one-half of all loans in the Guaranteed Student Loan Program. The rest have been guaranteed by one of 27 State or private nonprofit guarantee agencies. The Guaranteed Student Loan Program was authorized by the Higher Education Act of 1965.

Only the contract organization's salaried personnel may collect from student defaulters. Their efforts will supplement the activities of some 106 OE collectors and appropriate support personnel located mostly in HEW Regional Offices across the country. Until now, OE employees have had sole responsibility for FISLP collections. However, for a number of years, many guarantee agencies have used private firms to collect their defaulted loans.

Copies of the RFP may be obtained by sending a self-addressed mailing label to: Application Control Center, U.S. Office of Education, Room 5673 ROB No. 3, 400 Maryland Avenue, S.W., Washington, D.C. 20202.

The First UMR Million Dollar Year

By ED LATIMER

The UMR Development Office has recorded its first Million Dollar Year in revenues received. This money, from individuals, alumni, industry & other non-government sources as gifts to the University, totaled \$1,041,000.

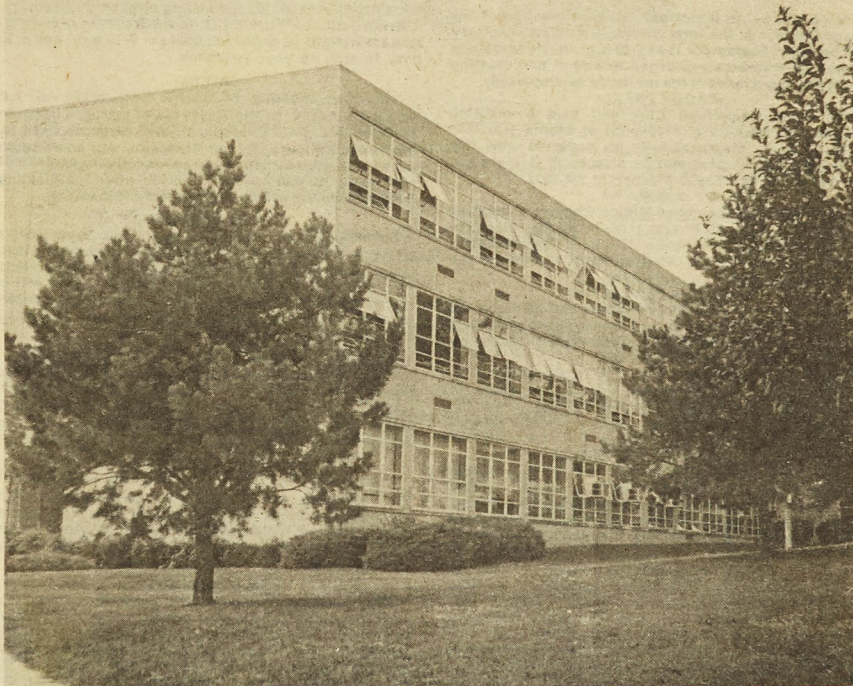
In previous years, the amount has been less: 1973-1974, \$845,172; 1974-1975, \$690,196, 1975-76, \$850,056. The reason for the increase this year must be attributed to the Development Office.

The Development Office was established in 1973 to work as a "middle man" between departments on campus that needed grants and gifts and industries, alumni, individuals, etc. who were willing to give the money. Appointed as director then was Howard W. Elohe, who still retains that office.

Of the incoming money, over \$100,000 came from alumni donations, and \$55,000 from individuals. Estates netted about \$70,000 as did foundations and institutions. About \$50,000

came from groups, societies, and various organizations. By far the biggest contributor is industry, which gave close to \$700,000 to the University. Usually all of the money from industry is specialized (granted specifically to a department for a research project or some other such cause), and hence a lot of the money comes from the same industries year after year. The industries do this for the welfare of education and

(cont. p. 7)



The Civil Engineering Building has recently been officially named after two former department chairmen. The formal dedication will wait until this spring, though, during the Academy of Civil Engineers here at UMR.
(Photo by Pollock)

Civil Engineering Building Officially Named

By ROBIN BECHTOLD

The members of the civil engineering faculty, on June 24, received approval from the Board of Curators to rename the Civil Engineering Building on the Rolla Campus "Butler-Carlton Engineering Hall." The name honors Professor Butler and Professor Carlton, both department chairmen previous

to the present Dr. J.H. Senne. Professor Butler joined the MSM faculty in 1920, and earned his professional degree of civil engineer from this institution in 1924. He was appointed as department chairman in 1931 and served until his death in 1955. Prof. Carlton succeeded Prof. Butler as chairman. He contributed much to the dedication of the present CE

building in 1960. Harris Hall, named for Dr. E.G. Harris, had previously housed the CE department. Dr. Harris directed the CE department previous to Professor Butler.

The name will be changed on the outside of the building. A dedication ceremony will take place in the middle of April, at the Academy of Civil Engineers meeting.

Bullboard

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

MISSOURI MINER

Thursday, September 15, 1977

Page 2

BICYCLE REPAIR

Student Union Board will present a workshop on "Bicycle Repair and Maintenance." It will be held Tuesday, September 20, at 7:30 p.m. in the Mark Twain Room of the University Center.

UMRSCC

The UMR Sports Car Club will be presenting its first points event of the season, the Mont Tremblant Autocross, on Sunday, September 18. The autocross will be held at the Schwitzer plant parking lot, 2 miles east of Rolla. Dash plaques will be awarded to all participants. The cost will be two dollars for club members, and three dollars for nonmembers.

SAE

The UMR chapter of the Society of Automotive Engineers will be hosting Mr. Tom Gantzer of Carter Carburetor Corp. for its meeting Tuesday, September 20. The topic of Mr. Gantzer's discussion will be "Tomorrow's Computerized Carburetor." The meeting will be in the ME auditorium at 7:00 p.m. Everybody is welcome to attend. Memberships will be taken, and refreshments will be served after the meeting.

WHO'S WHO

Applications are available at the office of Student Personnel, Bldg. T-26 until September 16th.

IWC ELECTION

There will be an Independent's Weekend Committee (IWC) election on Monday, September 19, at 7 p.m. in Room 121 M.E. All Independents interested please come by. This includes Dorms, T.J. and off-campus eating clubs and off-campus students.

ANNUAL CHARITY SOFTBALL TOURNAMENT

Kappa Alpha will again sponsor a slow-pitch softball tournament on September 23-25 at Ber Juan Park. Entry fee will be \$30 per team. All proceeds will go to Muscular Dystrophy.

Any interested party may contact either Mark Winnett or Bob Boon at 364-4841.

BLUE KEY MINER OF THE MONTH

Blue Key Miner of the Month applications are available at the candy counter. The applications are due back by the 30th of September. Blue Key Miner of the Month recognizes an individual for some outstanding service they have performed. Any questions call Bill Schlittler at 364-1490.

IKA

There will be an important business meeting of the Osage Chapter of the Intercollegiate Knights Auxilliary on Thursday, September 15 at 6:00 p.m. in the Maramec Room. All members are urged to attend this meeting due to the importance of the matter to be discussed.

RAQUETBALL

The UMR Raquetball Club will hold a meeting Wednesday, Sept. 21 at 7:00 p.m. at Sigma Nu, 1005 Main St. New members will be accepted and this semester's tournament will be discussed. If there are any questions call Steve Fischer at 364-9823.

S.M.E.

There will be a Society of Mining Engineers meeting on Tuesday, Sept. 20 at 7:30 p.m. in Room 107 of the Mining Building. The speaker will be a representative from Williams Tool Co. Refreshments will be served after the meeting.

TAU BETA PI MEETING

Invitations to prospective members will be discussed at the Tau Beta Pi meeting on Tuesday, September 20th at 7:00 p.m. in G-5, H-5S. Refreshments will be served.

CHI EPSILON

Chi Epsilon national honorary civil engineering fraternity will hold its pledge smoker on Thursday September 15 at 7:00 in Centennial Hall. Faculty members are invited. Dress is semi-formal and refreshments will be served.

AIAA BALLOON RIDE

The AIAA Balloon Ride scheduled for last Friday evening was postponed due to gusty winds. The event has been rescheduled for tomorrow evening, the 16th, providing the weather will cooperate. It will be held at the UMR Baseball field beginning at about 6:30 p.m.

1977 BIG 8 FOOTBALL FILM

The UMR Military Science Department will be showing a 23-minute film entitled Big-8 Football - 1977 on Friday, September 16, in the St. Pat's Ballroom. Admission is free and the film will be shown every half-hour from 9:00 a.m.-4:00 p.m. Free refreshments will be served. Students, faculty, and staff are welcome.

WANTED UMR COEDS

Apply now for the twelve positions open as Basketball Ambassadors. Pick up your applications from Coach Jim Dinsdale in the Athletic Department.

If you want to put some excitement in your life gals, then don't miss this chance to be an Ambassador.

SUB APPLICATIONS

Student Union Board applications are available for the Fall '77 semester at the Candy Counter in the University Center-East. Join the committee of your choice and see what SUB has to offer to you.

ST. PAT'S DESIGN CONTEST

The St. Pat's Board Annual Sweatshirt Design Contest is now being held. First prize this year is \$35, second is \$25, and third is \$10. All designs to be entered should be given to any St. Pat's Board Rep. no later than Tuesday, Sept. 20.

...Also being held is bumper sticker slogan contest. Best slogan wins \$10. Submit entries to any St. Pat's Board Rep. no later than Sept. 28.

ROLLA CHAMBER SINGERS

Singers wanted: All voices, particularly tenor and bass. Rehearsals Monday evenings. Call 364-8205 or 364-2771 (evenings) for information.

UMR TRAP AND SKEET CLUB

The UMR Trap and Skeet Club will hold practice sessions every Wed. and Thurs. afternoons from 3-5:30 p.m. at the Rolla Gun Club. For more info, contact Dr. Stevens at 341-4481, Rm. 304, ERL. All are invited.

CO-OP STUDENTS

Would you co-op students please report to the Co-op Office, 101 Buehler Building on your future plans: Whether this be school, work or graduating. This would be very helpful to our office and the co-op companies.

DECEMBER GRADUATES

If you will be completing requirements for a degree at the end of the Fall semester you should make application for that degree by going to the Registrar's office at your earliest convenience. The Registrar's Office will not be able to include you with other students finishing undergraduate and graduate degrees on December 18 unless you make application with Lauren Peterson.

UMR CHESS CLUB

The UMR Chess Club invites all chess players to attend their next meeting. The Chess Club meets each Tuesday night at 7:30 p.m. in the Ozark Room of the University Center West.

UMR PISTOL CLUB

Informational meeting room 101 Mil. Sci. Bld. T-27:30 Thursday 9-1 Students, faculty, and staff welcome.

ROLLAMO

The 1977 Rollamo Yearbook will be distributed beginning Monday, Sept. 19, and lasting until Friday Sept. 23. Bring your valid UMR I.D. to the Rollamo office (G-1 Rolla Building) between the hours of 9:30 a.m. and 4:30 p.m. to pick up your yearbook.

AICHE

The next meeting of AIChE will occur at 7:00 on September 28, 1977 in Room G-6 of the Old Chemistry building. Mr. Dale Faerber, a UMR alumnus from the Boytown, Refinery, Exxon Company, will be the guest speaker. His dissertation will cover refinery operations. Memberships will again be offered after the meeting. Soda and donuts will be served after the meeting.

UMR OBSERVATORY

Openhouse, UMR Observatory, Friday, September 9, 8-10 p.m. Objects of interest will be the Andromeda Galaxy, the Ring Nebula, and other deep-sky objects. The moon will be nearly full September 23 and will be the predominant sky object that evening. Observatory located on parking lot at the northwest corner of the campus. Free.

BLUEGRASS AND COUNTRY WESTERN MUSIC
There will be a free concert featuring bluegrass and country and western music between the library and the student center, outside, if weather permits on Friday, September 16. In case of rain the tunes will be moved into Centennial Hall, same time, same date. Y'all come!

THETA TAU OMEGA

Theta Tau Omega, Professional Engineering Fraternity, is now accepting applications for membership. Applications are available at the candy counter in the Student Union and should be returned to the candy counter or to a Theta Tau member by Friday, September 23.

MAGNIFICAT

After some delay for want of music, the Magnificat Orchestra will have its first rehearsal Thursday, Sept. 15, 1977 at 7:15 p.m. in rehearsal room no. 1 of the Old Cafeteria. Persons with any experience in String instrument playing are particularly encouraged to attend. Questions may be directed to Joel Kramme, G-8 Harris Hall (341-4185), conductor of the orchestra.

MSM ROCK CLIMBING CLUB

Invites any person interested in rock climbing, mountaineering or related areas to its meetings at 6:30 p.m., Thursdays in 305 Norwood Hall.

SUB COFFEEHOUSE

Friday, September 23, at 8:00 p.m. the Student Union Board will present the folk songs of Arne Brav in the Old Student Union Snack Bar. Every one is invited to listen to the pleasurable sounds until 10:00 p.m.

EIT, Anybody?

Attention all engineering students interested in taking the fall 1977 Engineering-In-Training (EIT) exam. This year the EIT will be given on November 8 in Jefferson City. Applications may be obtained in the Civil Engineering office. The application and remittance of \$10.00 MUST be turned in by

September 23 for the November test date. There will be tentative review sessions on October 18, 20, 25 and 27. If interested in the above review dates please contact Mike Simac or Jim Latteman at 364-1490. Also accompanying the application must be an official copy of your transcript.

**THE MINER
URGES ALL
MINERS TO
PATRONIZE
OUR
ADVERTISERS**

G & D STEAKHOUSE
FISH FILLET 8 Oz.

\$2.21

Baked Potato or Fries & Texas Toast

FREE ICE CREAM with EACH dinner

Forum Plaza Shopping Center

Rolla, Mo.

Open 11 a.m. To 9 p.m. Daily

UPTOWN

TELEPHONE 364-1857

NOW!

Open 6:30

Evening 7:00 & 9:20

Matinees Sat. & Sun. 2:00 p.m.

Open 1:45

Adults \$2.50 Child \$1

No Passes Or Discounts

4th Big Week!

**STAR
WARS**

PG PARENTS STRONGLY CAUTIONED
Some Material May Be Inappropriate for Children Under 10

TELEPHONE 364-1255

RITZ

TELEPHONE 364-1299

Double Feature
For ONE PRICE! STARTS
FRIDAY!

**the RETURN
of the Pink
Panther**

United Artists

7:00 Only

**"THE
PINK PANTHER
STRIKES AGAIN"**

United Artists

9:00 Only

ROLLA

TELEPHONE 364-1502

LATE SHOW

FRIDAY & SATURDAY!

11:30 Only

A RALPH BAKSHI FILM

WIZARDS

An Animated Feature

An epic fantasy

of peace and magic. PG

A vision of the world 10 million years from now, when Wizards rule the earth!



**ROLLA DRIVE IN
THEATRE**

TELEPHONE 364-1502

Open 7:15 Starts Dusk

FRIDAY, SATURDAY & SUNDAY!

Final
Chapter...

WALKING

TALL

PLUS

THE TOWN THAT

DREADED

Sundown

BUSCH ON TAP

Hours: 5-1:30 Mon.-Sat.

Open Fri. Afternoon 1:30



**The
Mine Shaft**

7th & Pine

CORRECTION

Last week in the issue of the Miner, a mistake was made in the spelling of Tim Slack's name and his position. The article, which appeared on page 1, incorrectly had the name Tim Slatt and his position, Deputy Warren, appearing. The correct spelling of his name and position are Tim Slack and Deputy Warden.

We the members of the Miner staff apologize for this error on our part and for any inconveniences or disturbances caused because of our error.



The Redcross Blood Drive comes to UMR next Tuesday and Wednesday. Hopefully, this year, as every past one, Miners will make a generous showing and reach the blood drive's goal.
(Photo by Burford)

Out For Blood

By MARK HASLETT

The Phelps's County Red Cross is out for blood. On Wednesday and Thursday, September 21 and 22 the Red Cross will be having a blood drive here on campus. Hours will be 10:30 a.m. to 4:30 p.m. both days. Blood donations will be taken in the St. Pat's Ballroom of the Old Student Union building.

Organizational sign-ups ended Tuesday, but anyone wishing to sign up may do so in the new Student Union building. It is best to sign up before hand. However, anyone is welcome to donate whenever they can. Sign-ups are not mandatory.

The expected goal for both days is 400 units (pints); 200 units each day. This is another of the many activities sponsored by the Student Council. We hope everyone will show their support by giving blood. This is a good chance for competing organizations to show their spirit.

One unit of blood can serve as many as three or more patients. Blood derivatives include red blood cells, plasma, platelets, and cryoprecipitates. Blood derivatives manufactured by pharmaceutical companys include Plasma Protein Fraction (PPF), Serum Albumin, and Antihemoleptic Factor (AHF).

A Pat On The Back....

The MISSOURI MINER encourages all campus organizations to submit typewritten articles concerning honors received, projects completed, or general recognition due for publication in this column. Articles submitted under auspices of the MISSOURI MINER.

Kappa Alpha Recognized

Beta Alpha, the UMR chapter of Kappa Alpha Order, was recently recognized as an outstanding fraternity chapter. On August 18, Beta Alpha was presented with the J. Edgar Hoover Award for Chapter Excellence. The Hoover Award is given "to honor chapters for operational excellence and conspicuous achievement," by KAO's Executive Council.

Several were on hand from Rolla to receive the award, including Beta Alpha President Tom Dill, and Alumnus Advisor Russ Perry. The Convention was attended by delegates from over 100 KA chapters.

With the Hoover Award, Beta Alpha was cited for its financial stability, progressive

scholarship and pledging programs, and many chapter activities for the development of the brothers. Also noted was the chapter's campus and community involvement in such diverse projects as fund-raising for Muscular Dystrophy and the American Cancer Society; a children's Christmas party; and Gamma Alpha Delta work weekends in Rolla, St. Louis, and Springfield.

In addition to the Hoover Award, Beta Alpha was proud to receive the Samuel Z. Ammen Award and a plaque for Outstanding Publications.

It is given as a recognition of excellence on the basis of chapter leadership, involvement, and adherence to the ideals and philosophy of Kappa Alpha Order.

Miner News

The Academic Council Brought Into View

By MARILYN KOLBET

One of the more powerful groups on campus, the Academic Council deserves to be brought out from the background of the UMR administration.

Generally stated, the Academic Council is the legislative and policy-making body of the general faculty. However, its governing power extends past the faculty to include other matters affecting the welfare of the campus.

The general faculty assigns functions and responsibilities to the council. Other matters are referred to it by the Board of Curators, the President of the University, and the Chancellor.

Policies concerning students and the educational and

research operations of the campus are formulated, recommended, and implemented by the Academic Council.

One of its major responsibilities which affect students is the approval of all campus organizations.

Members of the Academic Council are elected in April and serve from May 1 until the end of their term. Faculty members are chosen by each department. One representative is elected for each ten members in the department.

Student representatives are allowed all privileges except voting. Student Council selects one representative for each one thousand full-time undergraduate students. One

representative for each one thousand graduate students is selected by the Executive Council of the Association of Graduate Students.

Student members are Thomas Kvale, Paul Andrew, Stephen Bay, Elaine Christiansen, Jim Posey, and Steven Treis.

The Interim Chancellor, Jim Pogue and vice-chancellor Dudley Thomas are members of the Academic Council along with all Deans. They have all privileges, including voting.

Other non-voting members are the librarian, the director of the Computer Center, the Registrar and Director of admissions, and Joseph Wollard, Bussiness officer.

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.

Paul D. Andrew (364-9885)
John Martine (364-9792)
John Stoddard (341-4953)
Katherine Kunkel (364-4910)
Brian Kavanaugh (364-9885)
Dave Thorn (364-9969)
Ed Burford (364-9769)
Jim Allen (364-8666)
Dr. Curt Adams
Lana Leitner-Jones

Editor
Business Manager
Advertising Director
News Editor
Feature Editor
Sports Editor
Photo Editor
Managing Editor
Faculty Advisor
RDN Advisor

Miner Office Phone: 341-4235.

Staff: T. Ziegler, G. Maurer, D. Emily, R. Crustals, L. Ponzer, H. Burford, C. Staley, L. Jost, K. Downer, E. Latimer.

Articles and photos for publication in the MINER must be in by 9 p.m. on the Monday before printing on Thursday. Subscriptions are available to the general readership at a rate of \$3.00 per semester.

THE MISSOURI MINER
T-1
University of Missouri-Rolla
Rolla, MO 65401



Tau Beta Pi, a national honorary engineering fraternity, awarded three freshman scholarships to 1976-77 freshmen. The amount of the scholarship was four-hundred dollars. Pictured above, left to right, are: Stan Johnson, Treasurer Tau Beta Pi; Gary Maxwell, Pres. of the organization; the three scholarship recipients: Robin Bechtold, Eugene Uastin, and Jeffrey Hackman.

(Photo by Burford)

The Devil's Adversary: A View From The Right

Last year the Miner was in a controversy that seemed to be never ending. The question of what is moral and what is not, what is smut and what can legally printed is as diverse as mankind itself. The following article is one of a series to be submitted to the Miners in conjunction with the above thought. Opposing opinions are welcome and may be sent to "The Devil's advocate" c-o the Missouri Miner.

By MARK MARIKOS

As a writer, I feel that it is necessary to carefully define many words that I use, simply because certain words represent many different things to different people. I believe that the word "Christian" is one such word, and so I will attempt to define it in the way I intend to use it in this and future articles. I admit that my definition may not be the same as yours, but I will stick to it in order that you, the reader, may know what I mean when I use the word.

First, Christianity is not a religion. Buddhism, Hinduism, and Eckankar are religions. A religion is a means by which man attempts to bring himself into the presence of, or up to the level of some divinity or divine ideal. It usually involves a strict and complex code of regulations and standards by which to measure one's "holiness", or closeness to the goal. Christianity, as set forth in the

Bible has none of these. Christianity is not man's attempt to reach up to God. It is God's way of reaching down to man, who, because of his finite nature and separation from God, is unable to reach up to Him. The sacrifice then is not offered by man in the form of rituals, regulations and offerings. It was made by God when He came in the form of human flesh to suffer shame and physical death to satisfy the sentence that He had imposed on man because of man's disobedience (sin).

Second, Christianity is not a belief. A belief is an idea that a person accepts on the chance that it might be true, even if there is no way to know for sure. In contrast, Christianity is a fact based upon a book called The Bible. The Bible is an historical document, the integrity and accuracy of which, may be proved by rigorous examination and other historical documents.

Third, Christianity is not a set of regulations as many would try to make it. Instead it is a way of life that stems from an acceptance of the Bible as the word of God, the God who created the universe and continues to make Himself known through it. It is an acceptance of God's sacrifice as adequate to dismiss one from the sentence of death that was required because of man's sinfulness. It is the acceptance

of the risen Jesus Christ (a personage of the triune God) as the living Lord and Redeemer of the world and of His Spirit as the working force in the creation and redemption of the world and the universe.

Where then, does the idea of a Christian morality arise, and what are its implications? Since God already paid the price, there is nothing man can do to take the place of that payment. All the morality in the world will not replace the grace (unmerited favor) that God bestows upon men and women who accept it, and this in order that we might be restored to His presence (the purpose for which we were created.) The idea of a Christian morality is then based upon the fact that it pleases God for man to live according to God's law (the Ten Commandments-Exodus 20 and other parts of the Bible.) The Christian lives by this law not as a means of achieving perfection, but rather as a sign of appreciation for God's free gift of Grace. (Romans 6:12-13).

In answer to a raging debate that took place in this paper last semester, I as a Christian choose to live by God's moral law. However, I cannot demand that those who do not meet my definition of a Christian do so, since it would be meaningless for them to do so. In this column I will never condemn, since it is not my place to do so, but I will try to present the message of God's word to you the reader and all I ask of you is an audience and a mind of reason. Thank you.



KEY SPORT SHOP

Screen Printing, Fast Service On
Fraternity, Group & House Jerseys.
Large Selection To Choose From.
Athletic Supplies.

KEY

SPORT shop

THE PLASTER KEY, INC.

1003 Pine Rolla, Mo. 364-5495

It's Here!

Coors

BEER

Greyhound Bus Depot

Package Store

OPEN 7 DAYS!

PARENTS DAY AT THE GAS HOUSE

Pre-game special- One-half
pound burger & mug of beer

\$1.50

Lunch hour is from

11 a.m. to 2 p.m.

Don't forget student nite disco
Thursday 9:30-1:30 18 & Up

GAS HOUSE

Forum II

FRANK SMITH
Manager

LARRY VANCE
Our President

Your Rolla Electronic's Experts
If It's Electronic...We Can Repair It

RANCO, INC.

Electronic Laboratories

807 Rolla Street

Rolla, Missouri 65401

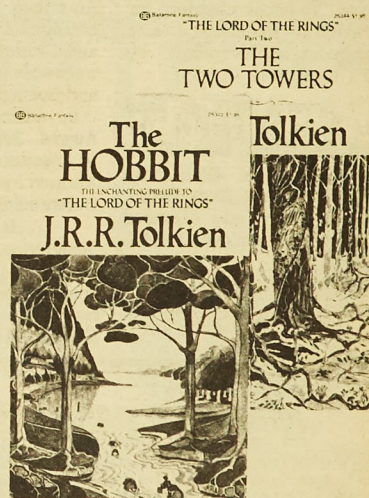
364-4332

FRANK BURGESS
Lab Technician

HARREL FINN
Field Technician

Rolla's Newest and Most Complete Bookstore

- Over 3,100 paperback titles
 - Over 500 magazine titles
 - Top bestseller hardbacks
- Special orders from the
nation's largest
wholesalers.



—FEATURING—

1978 J.R.R. Tolkien Calendar

Illustrated by Hildebrandt

The Hobbit Desk Calendar

Star Trek Calendars

Tolkien Mural & Posters

The Tolkien Companion

Tolkien's World

Master of Middle Earth

Books Are Only The Beginning

BOOKS & THINGS

364-5432 FORUM PLAZA
MON.-SAT. 9-9

PUBLIC INVITED

FREE DEMONSTRATIONS!

**TRY
EVELYN WOOD
SPEED READING!**

NO CHARGE — NO OBLIGATION



Mrs. Evelyn N. Wood, academician and author. Founder of the Evelyn Wood Reading Dynamics method of Speed Reading. The copyrighted techniques she developed are taught in over 300 cities throughout the United States.

TRY SPEED READING!!!

If you've heard about speed reading and have always wondered what it is . . . now is your chance to see exactly what it is and **how it will work for you** . . . see how our copyrighted method of speed reading can **help you learn to** read almost as fast as you can turn the pages . . . try our methods of **concentration, comprehension, and recall** for more efficient 'Total Reading' . . . discover the **secrets** to short cut **note taking** and easier **studying**.

**LEARN TO DOUBLE YOUR READING SPEED
AT THE FREE DEMONSTRATION!!!!**

See how presidents, congressmen, doctors, lawyers, and thousands of others with tremendous reading demands keep up. . .

Come to our **FREE** demonstration and **Try SPEED READING** . . . see how it works For You . . . read faster tonight!

FREE Evelyn Wood demonstrations will be held **THIS WEEK ONLY** so don't miss out

FREE DEMONSTRATION SCHEDULE

**4 P.M. or 8 P.M.
SUNDAY THRU THURSDAY
SEPT. 18 THRU SEPT. 22
HOWARD JOHNSONS MOTOR LODGE**

GAD Initiates

Source: OPI

Area Gamma Alpha Delta pledges will be initiated September 15, 1977 at 6:30 p.m. in the basement of the Episcopal Christ Church. Many of the twenty two seeking initiation have already entertained with a full spring semester of work for the campus wide service fraternity. Speaking at the initiation will be Father Jim Weiberg (Catholic campus Minister) and Dr. Richard W. Stephenson (G.A.D. Faculty Advisor). An initiation get together is planned for, immediately following the initiation, at Phi Kappa Theta fraternity house. All affiliated representatives are welcome to attend.

College Prep. Program

Source: OPI

Enrollment in a College Preparatory Program offered by the University of Missouri-Rolla is underway for active duty military personnel at Fort Leonard Wood. The program begins Tuesday, Sept. 20, and continues through the second week of December at the Education Center on post.

The program includes classes in mathematics, English, natural science and reading conducted by UMR. In addition to the instruction provided in these areas, college preparatory classes reintroduce the individual who has been away from formal schooling for several years to a classroom atmosphere and the discipline of study.

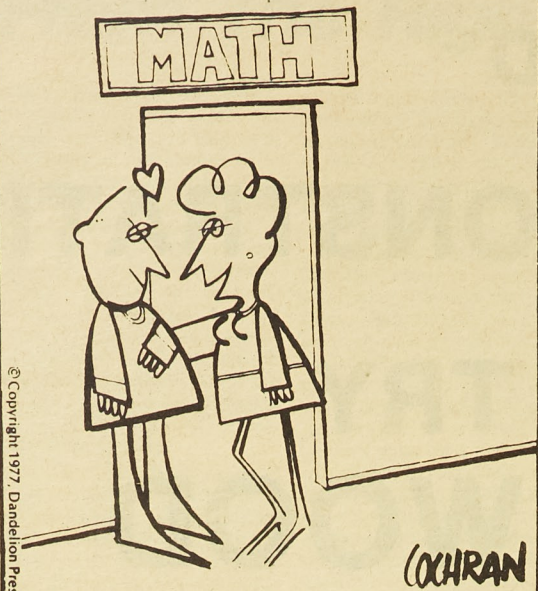
Funded by the Department of the Army, the program is provided for Fort Wood active duty personnel at no charge. Interested civilian personnel will be charged a fee. To enroll, military men and women should see an education counselor at the Truman Education Center before 1:30 p.m. Tuesday, Sept. 20. For further information, phone Barbara Clayton at the UMR office at the Education Center (368-6407).

Hey, Quit Reading Trash,
Go Study!!!

Go Study!!!

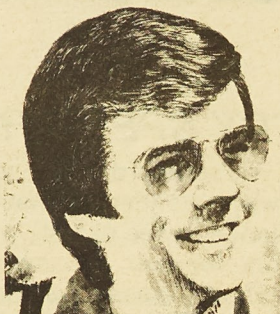
Tongue In Cheek . . . Part I

BOOKWORMS & MAD SCIENTISTS



"Is that a calculator in your pocket...or are you glad to see me...?"

FORUM II HAIRSTYLING



Mo. Hairstyling Champion
1973, 1974 & 1975

Long
or
Short

We Give The
Look You Want
With Complete
Control

By App. 341-2668

Tues.-Fri. 9-5:30 Sat. 8-2

1431 Hauck Dr.



OZARK HILLS CANOE RENTAL

Owned and Operated By Mr. and Mrs.
Clinton Jadwin And Family
Canoe Trips on Spring-Fed
Current River

Fishing Camping
Swimming
on Current River

Any person organizing a float
trip of 10 canoes or more, will
receive his canoe and hauling
free until May 15, 1978.

Canoe rental rate \$8 per day
Canoes are available NOW

85 Grumman Canoes For Rent
Full Service

Jadwin, Missouri 65501

Telephone 314-729-7340

Rolla Craft-Hobby

1009 Pine Rolla, Mo. 364-5581

COUPON



SUPER PAPA & FRIES



09

GOOD THRU SEPT. 20, 1977
1202 N. BISHOP ROLLA, MO. 364-8998

COUPON

COLLEGIATE RESEARCH PAPERS

HELP!

RESEARCH
Assistance
ALL SUBJECTS

Choose from our library of 7,000 topics.
All papers have been prepared by our
staff of professional writers to insure
excellence. Send \$1.00 (air mail
postage) for the current edition of our
mail order catalog.

EDUCATIONAL SYSTEMS

P.O. Box 25916-E,
Los Angeles, Calif. 90025

Name _____
Address _____
City _____
State _____ Zip _____

We also provide original
research -- all fields.
Thesis and dissertation
assistance also available.

Bring The Gang To



11 AM to Midnight
Located Across Rolla State Bank At 209 W. State
Phone Ahead 364-5077

Homecoming Queen Must Be A UMR Coed

By PAT THOMAS

In the past, Homecoming and the Homecoming queen have been lost in the ho-hum apathy of a busy party weekend. But this year things are going to change. As you already know all the candidates for Homecoming queen this year are required to be UMR coeds. This gives the

Million Dollar Year

Cont. from p. 1

special interests, not for the small tax break they receive.

Some of the major grants and gifts are:

— A \$200,000 grant from the United States Energy Research and Development Administration to Dr. David Summers (mining engineer) and Dr. Terry F. Lenhoff (associate professor of mechanical and aerospace engineering) for their research on "The Design of Water Jet Drill for Development of Geothermal Resources."

— Missouri Department of Social Services granted \$140,000 to Frank G. Walters (associate professor of computer science) for his research on "Cooperative Education-Employment."

— The National Science Foundation granted \$55,000 to Dr. Gary Bertrand (professor chemistry) for his research on "Development of Group-Contribution Method for Predicting Solubilities in Complex System."

These bigger grants tend to be from government business and industry rather than from private industry, even though the number of grants and gifts from private industry is greater.

Of the money that comes through the Development Office, only about 9-10 per cent has no restrictions placed on it. Last year, of the one million dollars, \$180,000 was given specifically to general scholarship funds, \$40,000 to fellowships, \$120,000 to Minority Engineering Programs, \$18,000 to Women in Engineering, \$143,000 to Facilities, \$110,000 to the School of Engineering, \$40,000 to the School of Mines and Metallurgy, \$50,000 to the College of Arts and Sciences, \$10,000 the Athletic Department, and \$140,000 for equipment. The rest of the money was given specifically for things like student aid, emergency loan, Library, books, etc., with the exception of that 9-10 per cent unrestricted.

Last year \$90,000 was given to the University with no instructions on how it is to be used. This unrestricted fund is distributed by the Chancellor and his Advisory Committee to special campus funds where the need is greatest.

Another accomplishment of the Development Office is the raising of the \$251,000 goal for the renovation program of Thomas Jefferson Residence Hall. The money drive, with contributions, pledges and gifts, began in June, 1976 and attained its goal this summer.

Special Events committee a wider range of possibilities to make Homecoming a more campus oriented party weekend.

This year each organization will choose a coed that they want to represent them. These girls, accompanied by a representative from their organization will all attend an Acquaintance Tea in their honor on Thursday, Sept. 29th. Also on Sept. 30th they will attend several interviews with members of the Student Union Board. From the results of these two events the judges will select 8 of these girls as the final candidates for Homecoming queen.

In the last two weeks before

party weekend these 8 girls and the people supporting them will start campaigning for the honor of being UMR's Homecoming queen. After several days of campaigning the student body will vote on each of these 8 girls.

The Friday night of Homecoming at the formal dance, the 3 candidates with the highest number of votes will be announced. But you'll have to wait until halftime of the football game to find out the final winner.

We hope to make Homecoming the occasion it should be but we need the support of our campus. Let's prove that we have as much school spirit as any other university does.

Solar Hair is Here
Come in and let us show you
what's new in hair styles
"The Look of 1978"

Carousel
Unisex Hair Styling
Downstairs at Manor Inn
Jct. Hwy. 63 & I-44
Ph. 341-3800



COUPON



Dairy Queen

JR. BRAZIER

25¢

* No Limit

11th & Bishop
Rolla, Mo. Offer Good Thru 9-30-77

HOURS: 10 a.m. to 11 p.m.

Reg. U.S. Pat. Off., Am. D.Q. Corp. (c) Copyright 1977 Am. D.Q. Corp.

COUPON

IBM NEEDS OUTSTANDING PEOPLE

And we can offer outstanding
career opportunities in Marketing,
Engineering or Computer Science.

The University of Missouri at Rolla
on September 27, 1977.

To find out about IBM and let us
find out about you, sign up for an
interview at the Placement Office or
write to: Mr. I.C. Pfeiffer,
College Relations Manager,
IBM Corporation,
One IBM Plaza,
Chicago, Illinois 60611.

IBM

An Equal Opportunity/Affirmative Action Employer



John P. Govier, head of Petroleum Engineering Department, at his desk.

Spot Light

On Dr. Gouvier

By JOHANNA YUHAS

Today — and as far into the future as the mind's eye can see — America is living in the age of energy, and petroleum is the most prevalently used mode of mobile energy.

Here at UMR, Dr. John P. Govier has been directly involved in preparing over eight hundred people to work in the development, recovery, and field processing of petroleum. As the head of UMR's petroleum engineering department, Dr. Govier is a friend and a teacher to over one hundred sixty UMR students enrolled in his department this fall.

Originally majoring in electrical engineering, Dr. Govier changed his field of endeavor to the "much better field" of petroleum engineering. Since the inception in 1962 of a degree program in petroleum engineering as a refinement of the mining department's petroleum option, Dr. Govier has held in his words, "one of the few jobs in the state of Missouri in petroleum engineering."

From that day in 1962 up to the present, demand for petroleum engineers has surpassed supply. "One-fifth of the people involved in the petroleum industry are petroleum engineers, but that is definitely not enough," admits Dr. Govier.

Oil companies are eager to train more people in engineering to fill this mushrooming demand. Dr. Govier cites, "Every student in my department with a 3.0 grade average or better — and that numbers twenty-two students is on scholarship."

But he insists, "Studying with no activities is not favorably received by companies interviewing. More beneficial would be a mixture of fairly good grade-point average and involvement in activities. The average grade point of petroleum engineering graduates is 2.8."

In addition to the comments students in his department talked of their summer job experiences.

Ms. Martha McGhee, a sophomore here at UMR, was employed by Getty Oil Company in Sweetwater, Texas under the title of roustabout. "Actually," Martha explains, "I didn't do the manual ditch digging type of labor that the roustabout title implies. Instead, I worked with the technicians in the exploration and production department, testing wells and interpreting graphs of these tests. For entertainment in isolated Sweetwater, Martha advises, "Imagine Rolla with no UMR."

Ms. Sherri Clark, a graduating senior worked for

Gulf Oil Corporation in Odessa, Texas. Sherri's position, too was a roustabout, but because of her engineering background she was assigned duties "on the oil field as an engineering assistant. This experience encouraged a decision to go into production," Sherri asserts.

Eighteen women are presently enrolled in the petroleum engineering department. Sherri and Martha both agree on the role of women in engineering. Comments Martha, "a lot of people think that it would be hard for women to be accepted in roles that men traditionally held, but I think they're wrong. I was really accepted as part of the group." Sherri adds, "The opportunities in petroleum engineering for a man or a woman are unlimited."

Dr. Govier concludes, "We pay close attention to the suggestions of students and oil companies about permanent and summer job requirements in working out a course outline in petroleum engineering."

If the reader is interested in this booming field, he can drop by the petroleum engineering headquarters in the Mining Building. It looks like a bright future for the petroleum engineering student or graduate.

"I Was There..."

fiction by david simms

I committed a terrible crime in World War II and for punishment my parents were condemned to spend years in a concentration camp. The camp was in Arkansas. My crime was being born a Japanese-American.

I was of the second generation of my family in America. My father, a naturalized American citizen, fought in the first World War. I, Oshi Namura, was myself a soldier in the United States Army before the war was thrust upon us.

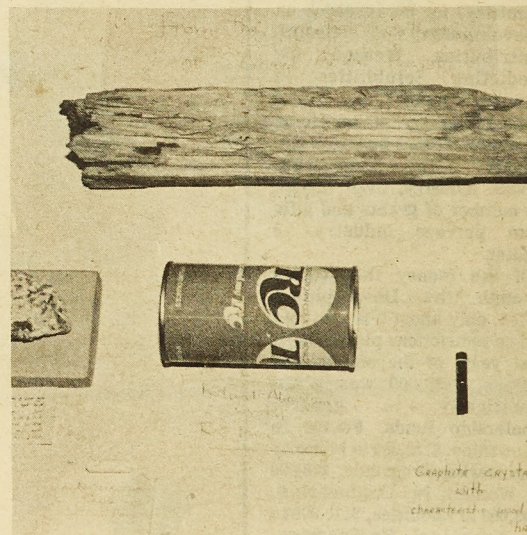
We had proven our loyalty to the U.S. doubly, yet they still cruelly imprisoned my father and mother behind barbed wire, thus losing all they had. The barbs were a bitter taste in my mouth.

I was soon transferred to the 442nd Infantry Regimental Combat Team. This was a unit made up entirely of Japanese-American soldiers. It was a tough Combat Team and deserved the reputation that it had. We suffered the greatest percentage of casualties of any unit in the U.S. history. Out of

seven major campaigns in Europe, we received seven Presidential Unit Citations. Bearing over 9,000 casualties, we could boast over 18,000 individual decorations. We were also the most decorated unit in the U.S. Army history.

There was a reason for this record. We were fighting to prove something. To prove that we were worth our mettle. That we were loyal to our country to the end. We were fighting for more than our country. We were fighting for the right to be of a country.

When it was over, when the fighting had ceased, many weary men returned home. I could only return to a relocation camp in Arkansas. And even in returning to that camp, I could not return to my family. They had died some months earlier. The doctors had diagnosed heart failure. They didn't know how right they were. For, how could a broken heart still pump blood through the body of a man whose faith in his country had died.



Modern 20th Century Art adorns the 3rd Floor Geology Rock Exhibit.

Unique Display

By LINDA MARIE PONZER

This is the column the MINER staff devotes its time & space in recognizing the great little known events of exhibits on Campus.

It was brought to our attention that the Geology Dept. has a display of rocks and ores on loan from Ahmed Abdul Pulauski. This collection included petrified wood, native chalk, a graphite crystal with a characteristic wood halo and a very rare native Eraser.

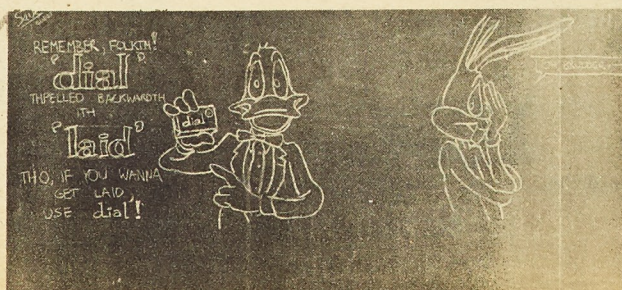
Doug Melton, a grad student in the Geology department and partially responsible for the display had this to say about the

exhibit.

"The specimens exhibited in the display are part of a travelling program sponsored by the U.S. Government's Program to provide quality Geoscience displays to rural technological institutions in the Midwest. Many specimens are type specimens previously unreported in the geologic literature."

This display, for all interested, is located on the third floor of Norwood Hall. Students, faculty and staff are invited to visit the display during regular school hours.

Tongue In Cheek
Part II



Original artwork abounds in the E. E. building from the chalk of a mysterious artist.

Photo by H. Burford

Computers In Education

Source: AP

With the tips of their fingertips, students at a veterinary school touch the outline of a cow on a television screen. Immediately, they hear the thub-thub of the animal's heart, just as if they were listening through a stethoscope.

At another college, students sit through a full semester of a logic course in philosophy. They never see a human teacher, even at exams.

And at a high school, history students pretend they are city managers. They dole out the budget, fight pollution and plan housing tracts. Then they learn what the consequences of their decision will be after fifty years.

The key to all this is computers.

In schools and colleges across the country, they are becoming almost as common as blackboards. They teach, solve problems, write tests and even help high school seniors pick the right college.

But like any innovation that departs from time-tested ways, computers have their critics—the instructors who want to keep the methods they know best.

Even some of their strongest proponents caution that computers are limited, that they should never replace the encouraging word, cold stare and calculating guidance of a genuine teacher.

One of those who worries about their use is John Kemeny, a pioneer developer of the educational computer, Kemeny, who is now president of Dartmouth College, developed the time sharing method that lets many people use a computer at once.

"I think that for supplementing an enriching the curriculum, I am probably the no. 1 advocate of computers in the country," Kemeny said. "But I still believe there is no substitution for the interaction between two human minds. So I

am not a great believer in computers as teaching machines."

Despite the reservations, educational computers have become big business.

Time Share Corp., one of the biggest distributors of the computer programs for schools, estimates that about two million children between kindergarten and 12th grade now use computers each year in the United States.

At Dartmouth, for instance Kemeny estimates that 90 per cent of the 4,000 undergraduates students use computers sometime during their college years.

After class, the students sit down at the computers to do homework problems, review course material, tackle special projects, and even write term papers. About 400 computer terminals are scattered across the campus in libraries, classroom buildings, dormitories and professors' offices.

Despite the widespread use of computers in education, questions remain. Are they worth the cost? Do students really learn more?

Bryce Shaw, who created a computerized math instruction course for Flint, Mich. schools, is convinced they do.

His system is used by about 1800 students in the third through sixth grades. They are at least a year behind their classmates in Math ability. They spend nine minutes a day working out questions on television screen computer terminals.

These students were badly deficient before they began the computer training, Shaw said. "But approximately 85 per cent of them who started the program in the third grade are equal to their peers by the seventh."

Kemeny of Dartmouth said that the computers have made learning more interesting and

realistic for students.

"In a calculus course," he said, the typical problem used to be one billiard ball hitting another billiard ball ... Now you give them as homework a rocket trip to the moon. The only difference is that you need not just calculus, but a computer because the calculations are too long.

At Dartmouth, the computers cost about \$100 a year for each student.

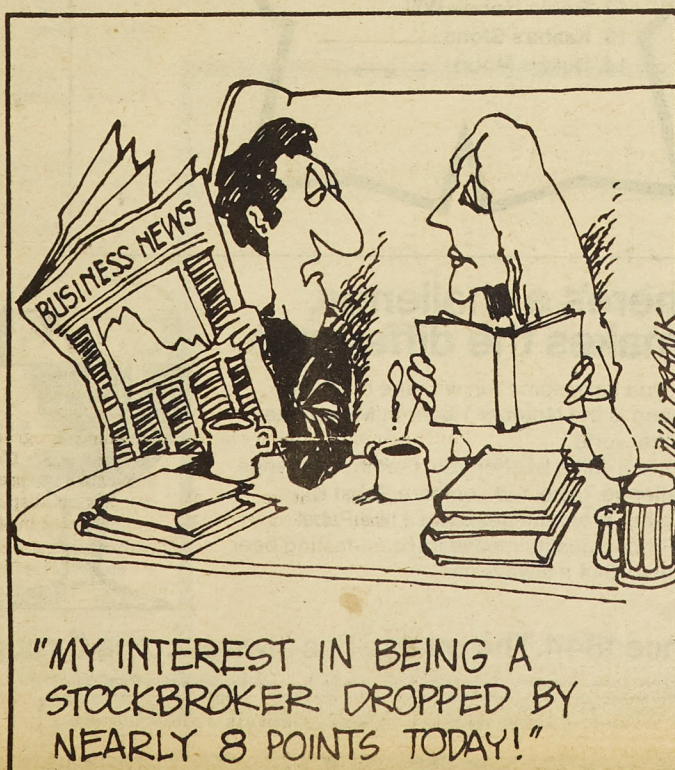
"For enriching courses, it is clearly worth it," said Kemeny. "It is very much like asking, 'Is a laboratory in physics worth it or not?' The lab is the most expensive part of teaching physics, but without it, there are just certain things you wouldn't learn."

The University of Illinois has been experimenting with teaching computers since 1959. The results are hard to measure. However, they compared two groups of students who took a course in classical mechanics. One learned by traditional methods and the other was taught with computers. When the course was over, the grades of the two groups were almost identical.

Though Sherwood is enthusiastic about the future of computers in education, he says they will never replace teachers.

"The computer is just a medium, like the print medium," Sherwood said. "Most people need the support and understanding of a teacher, no matter what kinds of media they are using, including textbooks."

"In principle, we don't need college professors to teach physics courses. We could just send students to the library, where there is an abundance of excellent textbooks on physics. But it somehow doesn't work that way."



MINER Classified Form

Name: _____

Ad must be limited to 30 words

PRINT CLEARLY, exactly how it is to appear

Start in: _____ Month _____ day issue of the MINER

Weeks to be run: _____ Enclose \$1.00 per week.

Deposit this ad form in the North door of MINER office, T-1.

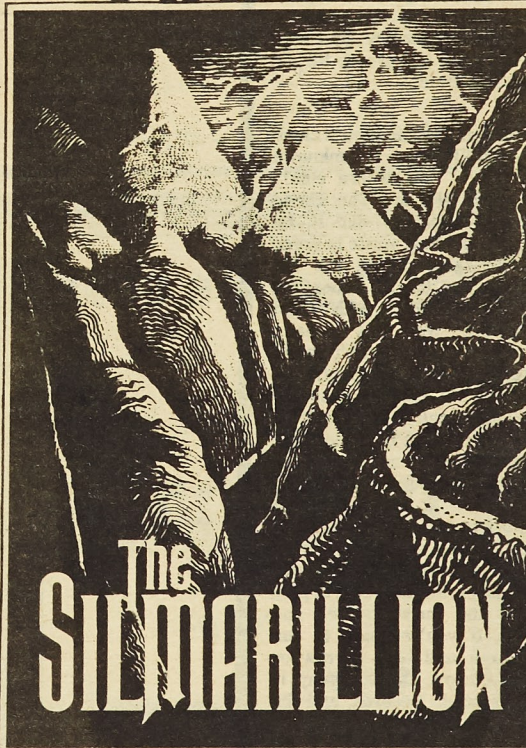
Classified Ads

Wanted to Buy: Comic books and comic related and Star Trek related items. Nothing ? is too ridiculous. Call Brian at 364-9885.

FOR SALE: 1976 Alvarez 12-String Guitar, Model No. 5054. If interested, call Paul at 364-9885.

Car Pool — Would like to share driving with another woman student from Ft. Wood area to U.M.R. Call Susan. 336-4093

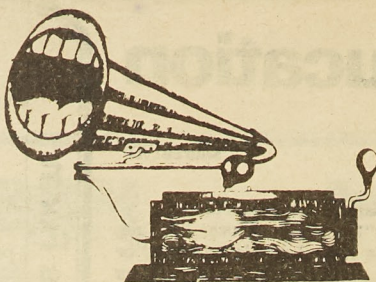
J.R.R. Tolkien



NOW IN STOCK
1ST EDITIONS
Reserve Your Copy NOW
AQUARIAN
BOOKSHOP

110A West 7th Rolla
Across From The ROLLA DAILY NEWS
341-3758

F. O. and D.



And you thought that I had vanished like a fart in a hurricane, didn't you? Well, never fear, I suppose that I've risen from the dead and now squatteth at the right hand of the Features Editor. Typing merrily all the while, too.

But now, a word from my less bizarre personas. (personii?) Hopefully, I'll cover as much ground as possible this semester in the land of reviews and snobby opinions. You name it, I'll review it. Being ignorant of a subject hasn't prevented me from holding forth on it, yet. Unless something outrageous comes along, like Rolla's first Opera for the Terminally Ill, I'll stick to more mundane subjects, such as records (old and new), movies, TV, and anything that happens to come within mindshot. Any coeds needing reviewing, please apply care of The Miner.

I guess that requires that I start off with the first review. I couldn't decide whether it should be for something good, or if I should rip something to bits, verbally, of course. But, since I'm not hungry, and not, therefore, on the prowl, I'll be nice. This time.

This summer, an album came into KMNR from an unknown company in (where else?) L.A. The title is "The David Grisman Quintet," and it, by far, was the best music to grace my turntable during the hot months. Yes, friends, it beat the +&?! out of even C.S.N. Hard to believe? Well, this is really top notch tuned. I can't really pigeonhole this as country or jazz, so I'll call it what the musicians call it themselves, Dawg music. It'll tickle your innards. There's not a weak cut on the album, and the production is superlative. If you'd like to hear a sample or two, just call up KMNR during the Country show on Thursday afternoons, and ask Obie to play a cut and then sit back and enjoy. If you're going to run right out and beg, borrow or steal a copy, the company is Kaleidoscope Records, and the album is number F-5. You'll probably have to have it ordered.

That wasn't so bad, was it? And now for something completely different... I hope none of you had the abysmal misfortune to be forced to watch "The Keane Brothers" on TV this summer. I was innocently (hah!) watching my idiot box, drinking a cold brew or ten, when, after an infinity of the usual putrid commercials, I was assaulted by two cutesy little moppets pounding out some teeny-bop pop tune, while the audience roared its approval. Mesmerized, I stared, open-mouthed, as one pre-pubescent prodigy proceeded to change instruments and take a hot lick or two. At this time, the M.C. popped in to say, "Its the

KEANE Brothers Show", and a list of guest people-who-need-the-bucks rolled slowly upwards, mutating into a commercial. At this point, I had to decide whether or not to endure the rest. Prudence prevailed, happily, but I was ready the next week. Armed with more beer and a healthy dose of apprehension, I again viewed the show. What crap. If I were a sponsor, I'd be embarrassed to be seen within two hours of that show. It was the usual variety

show lineup. Three spots for the headliners, one each for the guests and the usual polyglot of comedy (?) skits. It wouldn't have been all THAT bad if it hadn't been so slick and greasy. Yuk. The modern media is disappointing.

Well, I'm out of space and time. If I survive this weekend, I'll be back next week, god and The Editor willing. Till then...enjoy! It's more fun.

Ward Silver

BECOME A COLLEGE CAMPUS DEALER

Sell Brand Name Stereo Components at lowest prices. High profits; NO INVESTMENT REQUIRED. For details, contact: FAD Components, Inc., 65 Passaic Ave., P.O. Box 689, Fairfield, New Jersey 07006. Ilene Orlowsky 201-227-6884.

Christopher Jewelers
805 Pine Rolla, Mo. 364-2264

The challenge.

Match the proper colors to the clues shown below.

1. London's Fang _____
2. Beatles' Fields _____
3. Chandler's Dahlia _____
4. School's Board _____
5. Calcutta's Hole _____
6. Pope's Helper _____
7. Wambaugh's Knight _____
8. High-class Blood _____
9. Capri's Grotto _____
10. Hugo's Pimpernel _____
11. Gainsborough's Boy _____
12. Robin Hood's Will _____
13. Kaaba's Stone _____
14. Duke's Mood _____

When there's a challenge, quality makes the difference.

We hope you have some fun with the challenge. Pabst Blue Ribbon is the Number 1 beer in Milwaukee, beer capital of the world.

That's why we'd like to offer you another challenge — the Pabst challenge. Taste and compare Pabst Blue Ribbon to any other premium beer. You'll like Pabst because Blue Ribbon quality means the best-tasting beer you can get. Since 1844 it always has.



PABST. Since 1844. The quality has always come through.

PABST BREWING COMPANY, Milwaukee, Wis., Peoria Heights, Ill., Newark, N.J., Los Angeles, Calif., Pabst, Georgia

Answer: 1. WHITE 2. STRAWBERRY 3. BLUE 4. BLACK 5. BLACK 6. CARDINAL 7. BLUE 8. BLUE 9. BLUE 10. SCARLET 11. BLUE 12. SCARLET 13. BLACK 14. INDIGO

Concert Review

"Rattlesnake Stomping Boots"

By LINDA MARIE PONZER

"Get your rattlesnake stomping boots on and we'll go and run a batch or two." Suggestive of the old days, the preceding line was from the first song performed by Dick and Anne Albin during their recent concert at UMR, sponsored by SUB.

This talented duo, who have performed at Rolla before kept the audience's attention throughout their show. A Show it was, as Dick demonstrated his gift of storytelling and the ability to sing and play the autoharp, banjo, mouth bow and dulcimer.

Not to be out done, Anne sang with that rare versatile voice that's able to wail a ballad, reach operatic notes, emit soft soothing tones and to carry off the beat of the fifties (not all at once). She also accompanied herself on the guitar and dulcimer.

The Albins performed selections from all of their albums including their most recent release off of Mr. Chololate Mess Music Co. out of Anchorage, Kentucky, No Commerical Appeal.

One of the most striking numbers they performed was a spirited, audience sing-along

entitled; "Have a Nice Day". Other numbers they performed included; "Lisa Jane", "Fair and Tender Ladies", "I am a maker of songs", "Whoa Mule Whoa", "Stranger Danger" and "Who's that Smoking".

Dick and Anne played the part of DJ's doing a live radio play to the complete enjoyment of the Miner audience. They also did a Fifties routine which included reminiscing back to High School physical fitness class, talks about "IT" (known as SEX today) from your coach, "puberity" and other such topics.

In talking to Dick and Anne about their music alot can be learned of climbing the ladder to success. Prior to eight years ago, Dick and Anne supplemented their income by baling hay and other part-time jobs, till now they make their living completely in the music field.

Anne answered the question as to whether their music was

written from personal experiences and the answer was: "Sure, you can fake something up, sometimes, but the best songs come, I think, come from what you know and what you feel."

The duo, neither being able to read music, play all their instruments by ear. Anne, who had a musicology course in high school is the only one of the two who has had any type of formal training in the music field.

Dick and Anne build their own dulcimers and they never repeat a particular design.

Commenting on the ease involved in playing the dulcimer, Anne said, "There are only a very few people who can't make music off of a dulcimer within fifteen minutes of trying."

The last song Dick and Anne did perhaps reflects a little of their feeling towards the future and what is holds for them.



Dick and Anne Albin put on one fine show at their concert this past week.

Photo by H. Burford

Edilettters

STATEMENT OF POLICY

The opinions expressed herein do not necessarily represent the opinion or policies of the MISSOURI MINER. The edilettters 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.

Miner Behavior Was Disgusting

Dear Editor,

I was disgusted by the behavior of the Miner crowd at last Saturday's football game. I realize that the Miners have a reputation for being obnoxious that they feel is necessary to uphold but that doesn't mean that they have to be rude to visitors. I'm talking about the horsing around during the half-time show.

Granted, it's sad that we have no cheerleaders (but considering the way the crowd behaves, I'm not surprised) and I'm sure the efforts of the two gentlemen doing cartwheels were greatly appreciated but they could have waited until the half-time show was over. The band wasn't on the field for all of half-time and there would have been plenty of time left over for clowning around.

I realize that many student groups are competing for the "Twelfth Man Award" but it's not school spirit that prompts people to build pyramids during someone else's performance — just bad manners.

It's one thing to be discourteous to the UMR Marching Band — we're used to it; the majority of the student body has little respect for music and its place at UMR. It's quite another thing to behave rudely toward a band from another school.

We have seven home games this year which means a lot of work for the marching band. With only five days to work out a show for last Saturday we were grateful to Rolla High School for agreeing to perform during half-time. That left us free to rehearse last week for this Saturday's Parent's Day show.

To have this fine marching

band treated in such an abominable manner by the Miner crowd was extremely embarrassing. I sincerely hope that those people involved will realize how rude and immature their behavior was and that it won't happen again.

Sincerely,

Nichole Talbot
Member, UMR
Marching Band

Student
Night
at
THE ATTIC
EVERY
WEDNESDAY

Only 50¢ And Valid Student ID Lets You Rock To The Best In Live Entertainment.

609 ROLLA

AT THE HAT

TOP HAT LOUNGE

MICHELOB ON TAP

Here is a super deal!

Cut here!

Bring this coupon in for

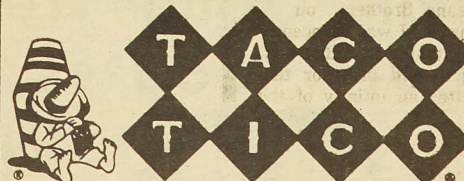
2 TACOS 69¢

Reg. 78¢

Expires Sept 20



Dine in or Dine out



1011 Kingshighway Rolla, Mo.

11:00 a.m. to 12:00 p.m.

364-5171

Always in season and seasoned to please!

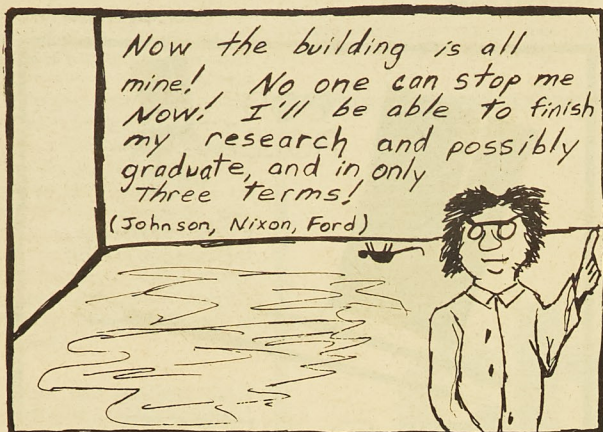
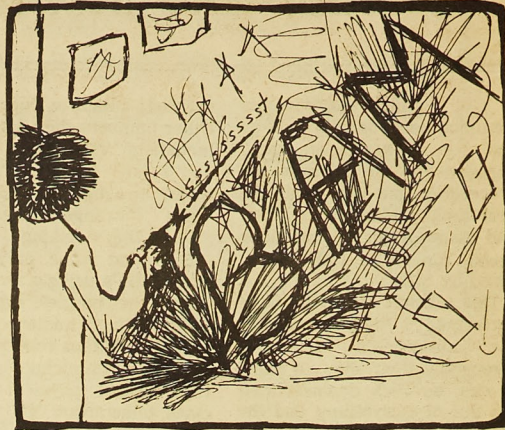
THE KNIGHT

Chapter 2

In our last episode the mad EE grad threatened to take over the Humanities building for his research project. If the building was not handed over to him, he promised to take drastic action....

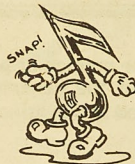


by... Warren Peace



KMNr

GROUNDWAVES



Hi there friends and neighbors. This is Snappy comin' at cha. How's the world treating you? Not so good, you say? Is school gettin' to be a drag? Are you tired of going thru the constant mental gymnastics it takes to be a student at U.M.R.? Are tests just one kick in the seat of the pants after another? Do you feel like a walking zombie after a long night at the books (or the bar, whatever the case may be)?

Well, I may have just the thing to help you out of the blues. It is something that will deliver you from the realm of psychotic disaster and from the monotony and boredom of a U.M.R. student. Your world will attain wild colors, exuberant sounds, and tingling sensations. What is this I speak of, you ask? What thing can accomplish so much yet be small enough to exist in Rolla, Missouri? Just simply listen to radio station

KMNR my friends — the only one of its kind for miles around. Listen to anything from the hard rock of Rush, to the easy listening sounds of Joan Baez, to the bouncing beat of Commander Cody, to the jazz of Dave Brubeck. So anytime you've got the blues, want to party, or just want to listen to some down-right good music, tune in KMNR at 89.7 on your FM dial. See ya'll next week. Snappy

Separate Pants... **20% OFF**All Denims... **30% OFF**Coats, Long Trench Coats,
Short Coats, Gauchos
IN STOCK817 Pine Rolla
364-1767

LA POSADA

DELICIOUS
MEXICAN
FOODHWY. 63 S.
ROLLA
CLOSED MON.MEXICO
CITY
STYLE**509**7 Oz.
MILLER..... **\$1⁵¹**7 Oz.
SCHLITZ..... **\$1⁵¹**12 Oz. N.R.
OLD MIL..... **\$1²¹**12 Oz. Cans (24)
SCHLITZ..... **\$5⁹⁰**24 Can Pack
SCHLITZ..... **\$5⁹⁰**24 Can Pack
OLY..... **\$5⁹⁰**

116 W. 8th/Rolla, Mo./364-6131

**ZENO'S MOTEL
STEAK HOUSE**HOME OF THE FAMOUS 12 OZ. STEAK
Box 70
Rolla, Mo. Phone: 364-1301
Martin Spring Dr.

Starcastle —To Dazzle Your Mind



On Saturday, September 24, UMR will be dazzled by the brilliance that is Starcastle. Performing perviously with Kansas in the St. Pat's '76 concert, Starcastle returns again to bewitch Rolla with their intricate melodies and ecstatic light show. At 8:00 P.M. in the Multi-Purpose Building on the UMR campus you too will realize the musical castles and fountains of light created by the masters who call themselves, Starcastle.

Formed in the early 1970's, the group found they had to compromise their dreams for a living wage by playing the popular hits in club after club. After four years of playing the clubs, a serious truck accident destroyed every last piece of equipment and left guitarist, Steve Hagler, with a broken spine. Deciding not to compromise anymore, Starcastle

chose to realize their talent through a totally disciplined lifestyle; which served as the foundation for their music. From this beginning came music with multiple voicing, counter-melodies, and a decidedly refreshing approach to their instrumentation.

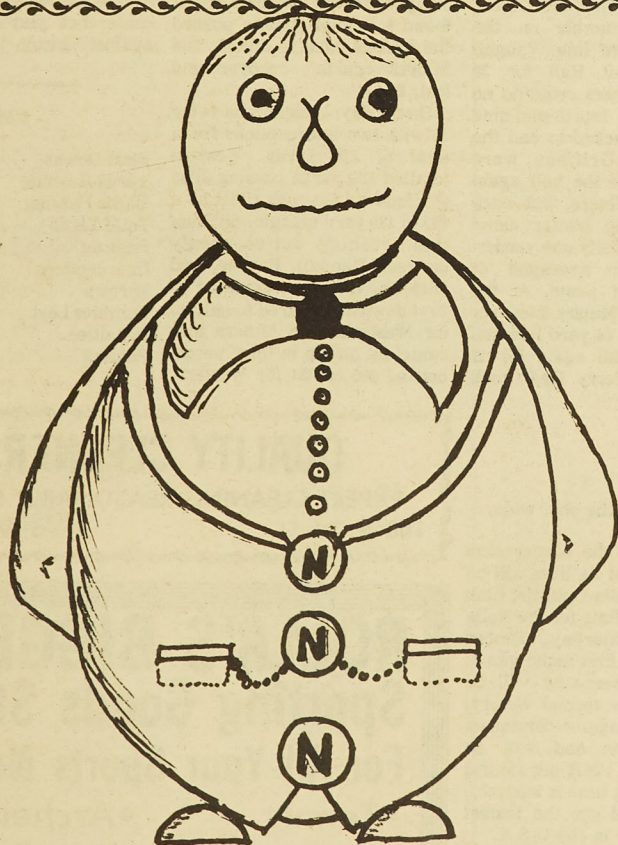
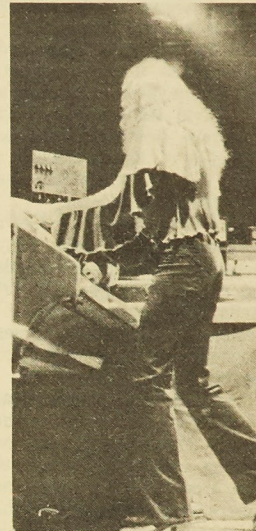
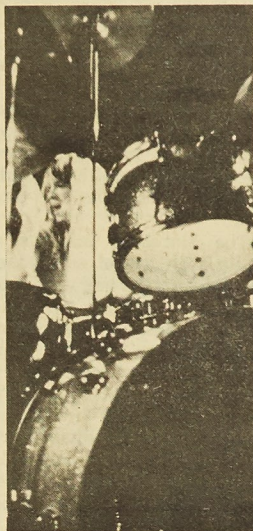
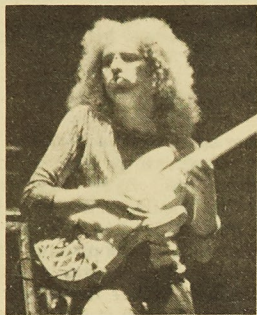
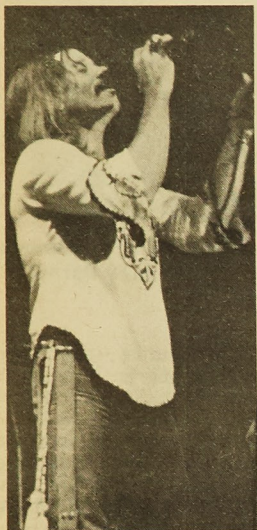
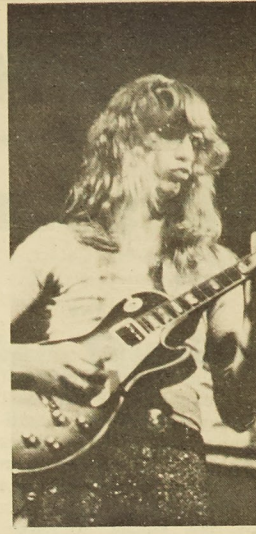
Presently, Starcastle has released two albums, Starcastle and Fountains of Light. Both are on Epic records and tapes. Responsibility for these two masterpieces lies with: Terry Luttrell, lead vocals; Gary Strater, bass guitar, bass pedals, and vocals; Stephen Tassler, drums, percussion, and vocals; Herb Schildt, organ, synthesizers, and pianos; Matthew Sewart, guitars and vocals; and Stephen Hagler, guitars and vocals.

Tickets for the concert will be available in advance Monday through Thursday, September 19-22, between the hours of 8:30 and 12:30. The place is the breezeway alongside the Old Student Union building. Student tickets will sell for \$2 apiece with a limit of two tickets per valid UMR I.D.

After Thursday, tickets will be on sale at the gate of the UMR Multi-Purpose Building for \$3 per student ticket with a limit of two tickets per valid UMR I.D. General admission tickets will be on sale at both

times and locations for \$5 apiece and unlimited quantity. No UMR I.D. need be shown to purchase a general admission ticket.

At this time, the Student Union Board would like to extend a hearty thanks to all those who helped to make last year's concert season a success. We ask that you continue to show you consideration by leaving all alcoholic beverages and drugs at home. Also, the athletic department would prefer that you refrain from smoking in the gym to prevent burning the new floor.



R. U. ANERD SAYS:
CAUTION! The Gourmet
General has determined
that Dormitory Food may
be hazardous to your Gullet

CARRIAGE LOUNGE Thurs., Fri. & Sat., 9:00-1:00 DISCO

No Cover Charge
Behind the Manor Inn

© 1975 McDonald's Corporation

Big MacTM The 7 course sandwich.



"Two all beef patties, special sauce, lettuce, cheese, pickles, onions, on a sesame seed bun."
Seven great ingredients, one great taste.
McDonald's® Big Mac.
Stop in for one. You'll get everything
in it except dessert.

We do it all for you.



Missouri Western Slips by Miners, 21-14

By BILL FRANK

The Miners took on the Griffons of Missouri Western at New Jackling Field last Saturday and suffered a hard-fought defeat, 21-14. The Miners had a bad third quarter again this time as Western scored 14 points to take a commanding lead. The Miners out-passed and out-ran the Griffons, totalling 130 net yards rushing and 275 yards passing. Terry Ryan had his second 100-yard game in as many attempts, totalling 101 yards and scoring a TD. David Hall also had an extremely fine game as he nabbed 6 of Kenny Vaughn's passes for 142 yards and the other Miner touchdown.

The star for Missouri Western was their senior slot back, Tony Dickson who rushed for 30 yards and caught six passes for 97 yards. He scored two of Western's TD's, both on passes and both in that crucial third quarter.

It was a warm, sunny day as the Griffons kicked off to the Miners. Craig Heath took the opening kickoff 29 yards, but after a penalty on the play the Miners were forced to start the afternoon from their own 14 yard line. After getting the first down after an offside penalty against Western, Terry Ryan fumbled on the 20 and Missouri Western recovered.

Five plays later, Jim Barber ran it in and Ron Parker made the PAT and the Miners were down 7-0.

Heath returned well on the ensuing kickoff to give the Miners the ball at their 33. UMR marched downfield picking up three first downs, but the drive died at the Western 21 yard line after two incomplete passes. Tom Rosenauer attempted a 38 yard field goal but was wide of the mark.

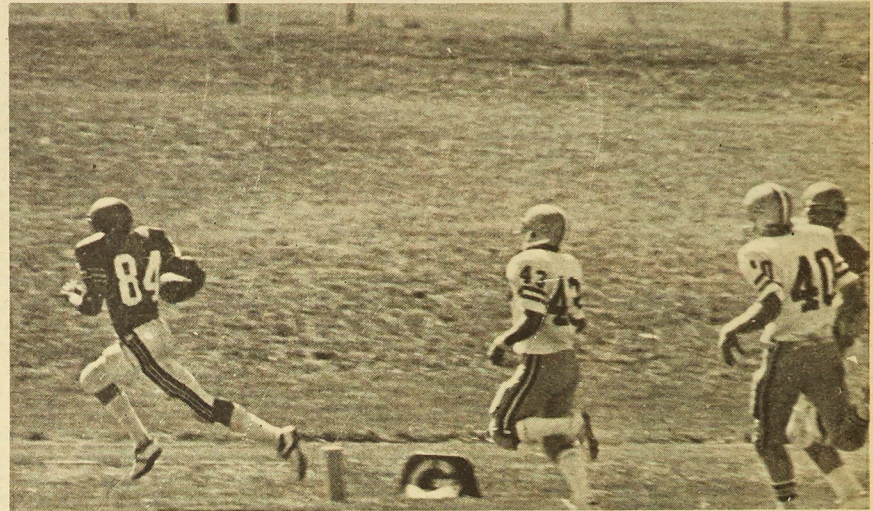
For the remaining nine minutes of the first quarter, both teams were unable to put anything together. Western threatened early in the second quarter, but their drive was shut down by a rash of penalties. The teams continued to see-saw back and forth until the Miners took over at their own 32 with a little over 2 minutes left in the half. After hitting Monty Morse for 19 yards and a first down, Vaughn hit David Hall at the 1:14 mark for 54 yards and the Miner's first TD. Rosenauer added the extra point to tie the game at seven-all. The two teams traded interceptions in the waning seconds and neither could threaten before the half-time gun.

The Marching Bulldogs of Rolla High School entertained the good-sized crowd with some impressive sounds and marchings routines. Selections included the theme from "Rocky" and "Boogie Fever".

In spite of what appeared to be a one-sided half for Missouri Western, the Miners had 11 first downs compared to only 4 for Western. UMR had outpassed the Griffons 150 yards to 25, but Western held the edge in rushing, 98-36 yards. Overall, everyone anticipated another half of hard-fought ball.

Unfortunately, Western took the second half kickoff and marched 79 yards on 9 plays in four minutes to take the lead, 14-7. The drive was capped by a six yard pass from senior quarterback Bill Johnson to Tony Dickson.

On their very next possession, the Miners were unable to move the ball and on third down Vaughn hit Hall for 22 yards but then he fumbled. Western recovered on the 45 yard line. It only took one play for Johnson to find Dickson open and he



Dave Hall of the Miners makes good on one of his six receptions for a Miner touchdown in the game last weekend with Missouri Western. (Photo by Upchurch)

dashed into the end zone to score his second TD in less than a minute to make it 21-7 for Western.

The Miners mustered some offense toward the end of the quarter, mostly on the work of tailback Terry Ryan, but UMR couldn't threaten until the fourth quarter when the Miners recovered a fumble on the Western 46 yard line. Vaughn immediately hit Hall for 30 yards. The Miners could do no more and on fourth-and-nine Vaughn was sacked to end the threat. The Griffons were unable to move the ball again against the Miners, but once again their big punter came through with a fifty-one yarder. Randy Parker averaged 49 yards on eight punts. At the 10:18 mark the Miners took over at the Western 44 yard line and Vaughn hit Hall again for 12 yards. Then Terry Ryan took

over again and made runs of 18 and 10 yards to get UMR to the 3 yard line. Ryan exploded through the line on first down to pull the Miners back within a touchdown with 8 minutes left.

The Miners threatened again with a drive late in the game, but it fizzled out at the 26 when Vaughn was sacked for a loss of 6 and a crucial penalty pushed the Miners back to the 43. The Miners couldn't recover and lost, 21-14.

On the day, Vaughn was 14 for 35 with two interceptions for a total of 275 yards. Western totalled 189 yards passing. The Griffons did out-rush UMR by a 142 to 130 yard margin, dividing their rushing duties evenly between Randall, Barber, and Dickson. UMR accumulated 23 first downs compared to only 13 for Western. The Miners also came out on top in total yards, netting 405 to 331 for Western.

This Saturday, the Miners will host Missouri Southern at New Jackling Field at 1:30 P.M. A question mark for the Miners will be Bubba Warwick who was injured in the third quarter of last week's game with a painful pulled muscle in his left leg. This will be the Miner's second to last game before they start conference play on October 8 against Lincoln University.

	UMR	MoWest
First Downs	23	13
Yards Rushing	130	142
Yards Passing	275	189
Total Tards	405	331
Passing	14-35	12-23
Interceptions		
Thrown	2	1
Fumbles Lost	2	1
Penalties	8-96	13-125
Punting	5-182	9-409

Kickers Defeat Lindenwood

The UMR Soccer Club opened its season this weekend with a game against Lindenwood College in St. Charles. The kickers scored twice on Lindenwood, while UMR goalie Bill Dale got a very impressive shut out. The first goal came from an indirect penalty kick. Fullback, Steve Svatek took the kick and winger Kevin Dohle put in the rebound off a Lindenwood player's leg. The first half ended 1-0.

In the second half, constant pressure was kept on Lin-

denwood due to some fancy passing by John Royall, Brian Grant, and Kevin Clarken and some blazing shots by rookie Joe Galladi.

UMR's second score came once again from an indirect penalty kick taken by Svatek. His chip to Tim Erman was nicely settled, then put away to give UMR the 2-0 victory. The rest of the game was pure hustle and teamwork. Lindenwood almost got on the scoreboard on a breakaway, but fullback, Dave Ortman chased him down

and deflected the shot wide.

Next week, the soccer club will take a rest as they will be helping the Rolla Optimist Club run a soccer clinic for the Rolla youngsters. Saturday, October 1, is the club's first home game. Coach Joe Abernathy will be looking for his second victory. This game is against Southeast Missouri State and will be played at the UMR intramural fields. Starting time is 2:00 p.m. Come out and see the fastest growing sport in the U.S.A.

Water Polo Season Starts

This past weekend, the UMR water polo club traveled to Cape Girardeau, Mo. for a clinic and scrimmage with three other Missouri Valley Water Polo Conference teams. The clinic gave members a chance to become familiar with new and old rule interpretations and the scrimmages provided an opportunity for teams to receive game experience

The UMR team substituted freely and came away looking forward to the season opener. Freshmen Steve Adams, Bob Olson and Darian "Monster Man" Dickenson all played well and figure to contribute to UMR successes. Overall, the UMR squad outscored SIU-Carbondale, SEMO, and Principia College by a combined score of 26 to 11. Hopefully, the

team will continue to improve as their future opponents include the University of Kentucky and Loyola University of Chicago.

The UMR Water Polo Club will host Washington University, Central Mo. State University and Southeast Mo. State University on Saturday, Sept. 17. There will be four games starting at 10:00 a.m.

QUALITY CLEANERS

EXPERT CLEANING REASONABLY PRICED

108 W. 7th St.

Rolla, Mo. 65401

ROLLA'S BIGGEST Sporting Goods Store For All Your Sports Needs

- Tennis
- Racquetball
- Exercise Equipment
- Golf
- Basketball
- Archery
- Handball
- Swimwear
- Football
- And More

Kenmark Sporting Goods

900 Pine Street

364-3603

1977 Big Red Preview

By BRIAN EDWARDS

Coming off a 10-4 season that didn't get into the playoffs, the Cardinals have learned that it isn't always how many you win but who you beat. As you may remember last year the Cardinals lost twice to Washington who also ended up with a 10-4 record which gave Washington the playoff berth. Dallas finished first in the league with a 11-3 record.

If you were to sum up the Cardinals in one word it would have to be offense. Coryell's theory is to go for broke when you have the ball and that is what the Cardinals do.

Jim Hart has a solid hold on the quarterback position as he operates one of the top offenses in the NFL. Last year, he completed 56.2 per cent of his passes for 2946 yards and 18 touchdowns. Behind Hart is the Cardinals No. 1 draft pick Steve Pisarkiewicz (Zark). Although Zark was injured during most of his senior year at Mizzou, he is still considered a fine prospect.

In the way of pass receivers the Cardinals have two good ones in Mel Gray and Ike Harris. Last year in his sophomore season Harris ranked 6th in the NFC with 52 receptions for 782 yards. Mel Gray caught 36 passes for 686 and a 19.1 average per catch. Behind Gray and Harris is Pat Tilley who held 26 passes last year. The Cardinals tight end is J.V. Cain who had 26 receptions for 400 yards.

The Cardinals have a well rounded crop of running backs. The strong and brutal Jim Otis, who lead the Cards in rushing last year with 891 yds, and the versatile Terry Metcalf who has more variety than our own

Multipurpose Building. Last year Metcalf gained 591 yds. rushing, caught 33 passes for 388 yards, and averaged 11.1 on punt returns. Behind Otis and Metcalf are Steve Jones (451 yards), Wayne Morris (292) and Jerry Latin (115). The Cardinals also have a rookie running back; George Franklin (second draft choice) from Texas A&L.

The Cardinals offensive line is a great one as they tied an NFL record by allowing only eight quarterback sacks in 1975 and led the league again last year with 17. On the line the Cardinals have three all-pros in Conrad Dobler; guard, Dan Dierdorf; tackle, and Tom Banks; center. Roger Rinnie and Bob Young complete the line. The second string consists of Hank Allison, Tom Brahaney, Brad Oates, and Keith Wortman.

The Cardinals defense ranked 6th best in the NFC last year and is the weak point of the team. The Cardinals defense line does admirable against the run but is lacking when it comes to the pass rush. The defensive line includes John Zook and Bob Bell at ends, and Charlie Davis and Mike Dawson at tackles. Behind these four is Ron Yankowski, Walt Patulski, Leo Brooks, and Steve Okoniewicz.

The Cardinals are hurting in the linebacker position. The middle linebacker spot is up for grabs between Al Beauchamp, Steve Neils, and Jim Kearny. The right linebacker is Mark Arneson, the Cards only established backer. The reserves are Carl Gersbach, and Mike McGraw. The Cardinals also have rookie Kurt Alterman (third draft choice) of Penn State as a back up.

In the secondary the Cardinals have three turning veterans who will try to improve on their 14 interceptions of a year ago. They are all-pro Roger Wehrli at right corner, Mike Sensibah at free safety and Ken Reaves at strong safety. The Cardinals have a problem at left corner due to the defection of Thompson to the Baltimore Colts. So they traded for Perry Smith to try to fill Thompson's shoes. The back ups are Neal Craig and Jeff Severson.

In the kicking department is old reliable Jim Bakken. His clutch kicking accounted for the winning margin in six of the Cardinals ten victories. Punter Terry Joyce is nothing to brag about as he ranked last in punting in the NFC. In kickoff and punt returns the Cardinals have Metcalf and Latin.

Based on the Cardinals personnel and their per-

formance last year I would have to predict the Cardinals to improve their record of last year to 11-3 which will be good enough to beat out Washington for the wild card spot but not good enough to overcome the Dallas Cowboys, who will take first. However after their performance in the exhibition games this is a rather shaky prediction. The winners in the other divisions will be Min-

nesota from the Central Division and Los Angeles from the Western Division. If the Cards make it to the playoffs they will beat the Rams (in the last minute as usual) and the Cowboys will stop the Vikings. In the National Conference Game it will be Dallas over St. Louis. In the Super Bowl it will be Oakland defeating Dallas to reign once again as Super Bowl Champions.

Intramural Flag Football Results

Sept. 6
Sig Ep 25-MRHA 6
Phi Kap 35-Delta Sig 14
TKE 17-AEPI 0
TEC 42-Theta Xi 0

Sept. 7
Sig Tau 41-Mates 7
KA 50-PiKap Phi 6
Sig Nu 14-ABS 7
Beta Sig 23-Triangle 0

Sept. 8
Campus 25-Focus 14
Wesley 23-PiKA 22
Kap Sig 13-Delta Tau 7
Sig Pi 7-TJHA 6

Sept. 12
MHA 26-Mates 14
Delta Sig 21-PiKap Phi 14
ABS 12-AEPI 7
Triangle 20-Theta Xi 13

Sept. 13
TKE 37-Delta Tau 7
Phi Kap 28-Wesley 9
TEC 40-Sig Pi 0
Sig Ep 25-Campus 14

The Bob Harmon Forecast

- | | | | |
|----------------|--------------|-------------------|-------------------|
| 1-MICHIGAN | 6-OHIO STATE | 11-TEXAS TECH | 16-CALIFORNIA |
| 2-SOUTHERN CAL | 7-NOTRE DAME | 12-BRIGHAM YOUNG | 17-CINCINNATI |
| 3-TEXAS A & M | 8-TEXAS | 13-OKLAHOMA | 18-ARKANSAS |
| 4-ALABAMA | 9-GEORGIA | 14-IOWA STATE | 19-MARYLAND |
| 5-PENN STATE | 10-COLORADO | 15-OKLAHOMA STATE | 20-SOUTH CAROLINA |

Saturday, Sept. 17 — Major Colleges

Alabama	23	Nebraska	14
Alcorn State	21	Alabama State	16
Appalachian	23	Chattanooga	22
Arizona State	22	Northwestern	10
Arizona	24	San Diego State	23
Arkansas State	17	NW Louisiana	7
Auburn	20	South'n Mississippi	7
Ball State	29	Villanova	12
Bowling Green	17	Eastern Michigan	8
California	34	Air Force	8
Central Michigan	21	Illinois State	9
Cincinnati	31	Louisville	6
Citadel	25	Western Carolina	20
Colgate	28	Lafayette	6
Colorado State	27	Hawaii	7
Colorado	20	Kent State	8
Cornell	20	Pennsylvania	17
Dartmouth	31	Princeton	12
Davidson	27	Washington & Lee	10
East Carolina	24	South Dakota State	7
Florida State	35	Arlington	7
Florida	24	Kansas State	13
Fresno State	26	Rice	6
Furman	31	Boise State	21
Georgia	27	East Tennessee	7
Grambling	29	Clemson	10
Harvard	21	Morgan State	7
Holy Cross	21	Columbia	6
Iowa State	24	Rhode Island	12
Jackson State	22	Iowa	15
Kentucky	21	Prairie View	20
*Long Beach	28	Baylor	17
L.S.U.	10	Fullerton	14
Maryland	22	Indiana	13
McNeese	21	West Virginia	21
Memphis State	20	West Texas	10
Miami, FL	17	Utah State	10
Michigan	40	Georgia Tech	7
Missouri	27	Duke	7
Morehead	21	Illinois	20
Navy	38	Marshall	19
No. Carolina State	23	Connecticut	0
North Carolina	27	Syracuse	13
North Texas	26	Richmond	7
Notre Dame	25	S.M.U.	24
Ohio State	28	Mississippi	6
Oklahoma State	24	Minnesota	9
Oklahoma	33	Arkansas	23
Oregon	26	Utah	7
Pacific	24	T.C.U.	7
Penn State	24	Idaho	19
Pittsburgh	34	Houston	17
Purdue	21	William & Mary	6
Rutgers	27	Ohio	13
South Carolina	30	Bucknell	12
Southern California	45	Miami (Ohio)	8
Southern Illinois	23	Oregon State	6
Southern U.	24	Indiana State	16
SW Louisiana	36	Texas Southern	13
Stanford	23	Lamar	6
Temple	21	Tulane	6
Tennessee State	36	Drake	14
Tennessee	23	Alabama A & M	0
Texas A & M	38	Boston College	7
Texas Tech	45	V.P.I.	12
Tulsa	28	New Mexico	8
U.C.L.A.	30	Virginia	7
Vanderbilt	23	NE Louisiana	6
V.M.I.	21	Kansas	13
Washington State	17	Wake Forest	20
Washington	23	Army	13
Wichita	23	Michigan State	10
Wisconsin	49	San Jose State	17
Wyoming	27	New Mexico State	10
Yale	20	Northern Illinois	0
		U.T.E.P.	10
		Brown	13

Other Games—South and Southwest

Abilene Christian	45	West'n New Mexico	0
Angelo State	24	East'n New Mexico	7
Austin Peay	24	Mars Hill	10
Bishop	17	Ouachita	16
Catawba	21	Carsen-Newman	20
Centre	31	Oberlin	6
Clarion	17	Delaware State	14
Concord	27	West Va State	6
East Texas	37	Gustavus	7
Elon	31	Liberty Baptist	0
Gardner-Webb	21	Newberry	12
Hampden-Sydney	20	Sewanee	7
Henderson	21	S. F. Austin	7
Jacksonville	27	Nicholls	13
Livingston	24	North Alabama	20
Martin	35	Middle Tennessee	10

Maryville	16	Emory & Henry	7
Mississippi College	24	Monticello	13
Mississippi Valley	24	Pine Bluff	8
Norfolk	22	Fayetteville	6
NE Oklahoma	28	Arkansas Tech	6
NW Oklahoma	23	Harding	22
Presbyterian	33	Guilford	6
Shepherd	18	Randolph-Macon	7
SE Louisiana	35	Sam Houston	7
SW Texas	21	Cameron	17
Tarleton	24	Trinity	12
Tennessee Tech	23	Youngstown	17
Texas A & I	28	E. Central Oklahoma	7
Texas Lutheran	21	Howard Payne	9
Towson	20	Madison	16
Tuskegee	19	Morris Brown	14
West Va. Tech	7	Glenville	7
Wofford	28	Lenoir-Rhyne	12

Other Games—East

Albright	23	Lycoming	6
American Intern'l	26	Corand	7
Bethany, WV	17	Carnegie-Mellon	15
Bloomsburg	22	Lock Haven	14
C. W. Post	24	Northeastern	20
Delaware	33	West Chester	8
East Stroudsburg	30	Montclair	6
Franklin & Marshall	19	Gettysburg	6
Ithaca	22	St. Lawrence	21
Massachusetts	23	Maine	20
Moravian	17	Dickinson	6
New Hampshire	24	Boston U.	12
Norwich	33	Worcester Tech	7
Salisbury	21	Glassboro	10
Slippery Rock	24	Millersville	10
Eastern Connecticut	21	Albany State	13
Springfield	24	Central Connecticut	7
**Trenton	16	William Paterson	6
Upsala	29	Swarthmore	12
Wash'ton & Jeff'son	16	Thiel	14

Other Games—Midwest

Akron	26	Western Kentucky	14
Augustana, IL	20	Carthage	9
Baker	17	Concordia, Nb	7
Benedictine	20	Missouri Valley	14
Butler	21	Hillsdale	20
Central Arkansas	22	Central Missouri	10
Delta State	28	SE Missouri	17
Eastern Illinois	20	Northern Iowa	17
Eastern Kentucky	31	Wittenberg	10
Findlay	24	Defiance	12
Franklin	22	Evansville	20
Friends	23	Kansas Wesleyan	13
Georgetown, Ky.	27	Heidelberg	7
Grinnell	32	Iowa Wesleyan	6
Hope	27	Wabash	10
Lehigh	34	Baldwin-Wallace	13
Mayville	20	Westmar	6
Missouri Southern	26	Rolla	17
Missouri Western	22	Nebraska Wesleyan	7
Muskingum	20	Marietta	10
North Central	20	Millikin	18
North Dakota State	21	Montana State	17
Northern Michigan	30	Western Illinois	8
Ohio Northern	14	Alma	7
Omaha	27	Morningside	14
Ottawa	20	Southwestern, Ks	12
St. Cloud	22	North Dakota	21
St. Johns	41	Hamline	0
St. Thomas	21	St. Norbert	6
SW Oklahoma	21	Central Oklahoma	14
Stevens Point	22	Platteville	13
Valparaiso	28	Denison	13
Washington, Mo	23	Macalester	17
Wayne, MI	22	Northwood	6
Wheaton	34	North Park	6

Other Games—Far West

Cal Poly (Pomona)	17	San Francisco State	7
Colorado College	20	Colorado Mines	10
Davis	25	Cal Lutheran	13
Idaho College	14	Eastern Oregon	13
Lewis & Clark	21	Carroll	13
Linfield	20	Southern Oregon	16
Los Angeles	24	Southern Utah	20
Montana	23	Northern Arizona	21
Nevada (Reno)	28	Idaho State	6
Northern Colorado	25	South Dakota	20
Northridge	26	Hayward	14
Portland State	24	Weber	21
Puget Sound	26	Pacific Lutheran	6
Redlands	27	San Diego U.	6
Santa Clara	30	Sacramento	8
Troy State	24	Nevada (Las Vegas)	23
Whitworth	17	Western Washington	8

(Friday, Sept. 16)

HOOK AUTO SUPPLY

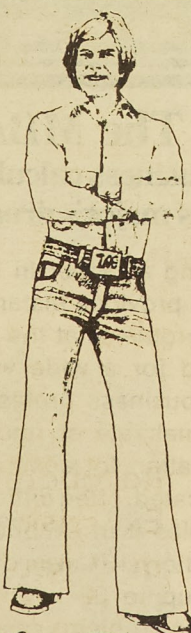
Auto Parts—Accessories—Speed Equipment

513 Hwy. 63 S. Rolla, Mo. 364-5252

Lee
Set

Lean Flare

Slightly flared Lean styling
makes this jean
a versatile wardrobe basic.
Rugged wearability
in 100% Cotton Indigo dyed
extra heavyweight
LeeSet denim.
A Sanfor-Set process.



Russell's Town & College

"MEN'S CLOTHING EXCLUSIVELY"

713 PINE ST. ROLLA, MO. 65401

Womens Sports at UMR

By MAUREEN MURPHY

Attention all you girl watchers. Here is the answer to that age old question here at University of Missouri-Rolla. "Where are all the girls?" They're playing sports now! Be it inter-collegiate or intramural sports, all our teams look to be eye-openers this year.

Why waste all of that EXTRA time! Do something constructive like helping us welcome in the 1977 fall season of Women's sports here at UMR. We hope to have record breaking crowds at this year sports events, and the only way to get this is through your support.

On the intercollegiate scene our thrill-packed season starts off with volleyball. All that is

needed to play this sport is a tennis net raised to the height of 7 feet 6 inches, a ball the shape of a squished football, twelve knee-pads, and six pair of high-top tennis shoes filled by six of UMR's cuddly co-eds.

Our team is made up of eight young women who are ready and willing to make a name for UMR in college volleyball.

Now to take a closer look at Coach Caruso's team.

Joy Ewens, our only senior, has been with the team for four years and is one of our co-captains. She is surely our strongest spiker.

Debbie Bene, our other co-captain, is a junior, three year player, and probably one of our most versatile players being both a strong spiker and setter.

Paula Snyder, our other

junior, is also a three year player and a very strong spiker.

Dottie Fields one of three sophomores on the team is a two-year player and a strong setter.

Gean Arcynski, another two year player and sophomore, plays as a major blocker for the team.

Joy Stephens, a strong spiker, is a sophomore and a two year player for the team.

Mary Rothery (Puny) is a freshman, and despite her lack in height, is a very strong spiker.

Kelly Wade is our only other freshman and is a setter for the team.

Finally, our two-year manager and most loyal fan, Rosie Love.

Our team has been working

diligently for almost a month now. It looks like we have a pretty good-looking team this year. They're also darn good volleyball players.

Posters of all the scheduled games can be found hanging around all over campus. (Just waiting to be noticed). We have three games this week. Wednesday, September 14, we play Mineral Area Junior College. It's our first game and it's at home starting at 7:00 p.m. The other two are both away games; Sept. 16, School of the Ozarks played in Branson, Missouri and September 17, S.W.B.C. played in Bolivar, Missouri.

Intramurals

Looking at intramurals its good to see the women are a little more involved this year. They will be competing in seven different sports, tennis, cycling, racquetball, swimming,

volleyball, table tennis, and billiards. The first, tennis, is scheduled to start Tuesday, September 20 but entries must be in by September 14.

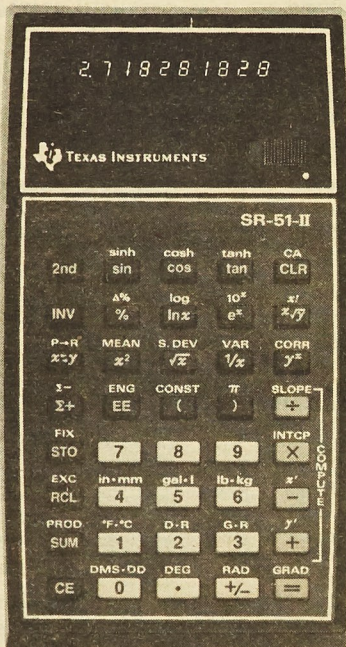
There are ten different teams this year, GDI, BSU, AWS, KA, ZTA, Wesley, Crescents, WRHA, and TJHA.

Now that you know a little bit about our women's sports here at UMR we hope you will tell your friends and come out to cheer for our girls. The more support they get, the better they feel. The better they feel, well, figure that one out for yourselves.

So when you see a lady out jogging around or exercising, you know that she is getting in shape for her team. (Or she is trying to fit into last winters' pants.)

Business. Science. Engineering.

This semester is the right time to get a TI calculator tailored to the work you're doing.



\$59.95*

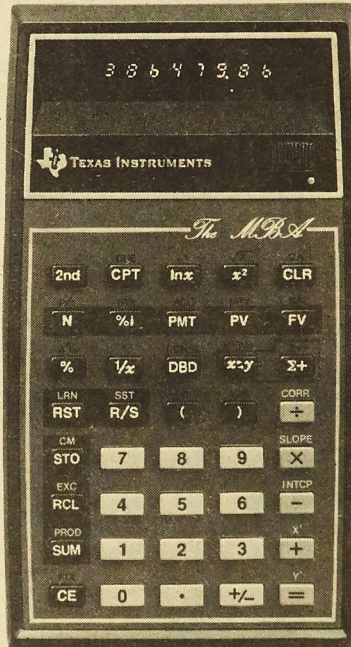
SR-51-II

Professional decision making system.
Loaded with statistics functions.



Accounting. Marketing. Education. Social Sciences. Life Sciences. Health. Statistics plays a major role in dozens of career fields. Here's a calculator with the advanced capability you need to handle your projects. Comes with **Calculating Better Decisions**, a \$4.95 book value. Helps you get the most out of the SR-51-II. Step-by-step illustrations show how to use its powerful preprogrammed functions. Learn how to gather data. Weigh alternatives. Arrive at rapid, accurate decisions.

*Suggested retail price.

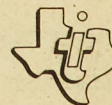


\$79.95*

The MBA™

Business calculator
A business major's dream machine.

If you're building a career in business, the MBA can be ideal. It provides instant answers to complex business problems at the touch of a key. It is preprogrammed for a wide variety of functions and formulas business professionals face every day. Take internal rate of return, for example, a valuable calculation for accurate capital budgeting. It's complicated, often difficult, and takes time. The MBA handles it in seconds, for 12 different cash flows! It also offers programmability—up to 32 keystrokes for solving repetitive problems easily.



TEXAS INSTRUMENTS
INCORPORATED

©1977 Texas Instruments Incorporated

45530