



04 Sep 1980

The Missouri Miner, September 04, 1980

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 04, 1980" (1980). *The Missouri Miner Newspaper*. 2252.
https://scholarsmine.mst.edu/missouri_miner/2252

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.



Preliminary surveying for a proposed addition to Thomas Jefferson Hall has begun. The addition as planned will house 360 students.

(Photo by Schaeffer)

Guidelines approved for addition to TJ

The University of Missouri Board of Curators on July 25 approved design guidelines and performance specifications for a proposed addition to the Thomas Jefferson Resident Hall (TJ) on the Rolla campus.

The board also authorized UMR to submit an application for a College Housing Loan to the U.S. Department of Housing and Urban Development (HUD) to finance the construction of the proposed addition. The HUD loan application would not exceed \$5 million and would be at 3 percent interest. The period of the loan would be up to 40 years.

The guidelines and specifications, which define the scope of the project and establish a desired quality of construction, were prepared

by Peckham, Guyton, Albers & Viets, Architects, of Kansas City.

According to Joseph D. Wollard, executive director of administrative services at UMR, the board's approval of the guidelines and specifications will enable UMR to advertise for proposals to design/build the proposed addition.

"This will be the first time that we have used the design/build procedure in constructing a building," Wollard said. "The advantage in doing it this way is that it saves money and gets done faster."

"This is because in projects done on a design/build basis, the design and construction operations are coordinated; they're tied together and so

can be carried out simultaneously," he added. "For example, you can design the lower portions of a structure and while you're constructing it, you begin your design work for the upper portions. Construction of that phase of the project then is done after the initial part is completed."

"We're very pleased with the board's decision," said Jess Zink, director of Auxiliary Services at UMR. "With increased enrollments and more students finding University housing an economically attractive proposition, we have developed a grave need for more residence hall space."

The proposed TJ addition will accommodate 360 students raising the buildings capacity to 889.

Missouri Miner

For the students of UMR

Volume 69, Number 2

Sixteen Pages

Thursday, September 4, 1980

IBM Fellow visits UMR

SOURCE: OPI

Dr. Harlan D. Mills, IBM Fellow in the Federal Systems Division of the IBM Corporation and adjunct professor of computer science at the University of Maryland, will be a visiting professor of computer science at the University of Missouri-Rolla Sept. 8-11.

He will speak at UMR's Graduate Engineering Center in St. Louis at 6:45 p.m. Monday, Sept. 8. His subject will be "Exceptional Performance in Software Engineering."

During his four-day visit to the Rolla campus, Mills will deliver four lectures and will confer with UMR faculty, administrators and students. He will also be guest speaker at the Rolla Rotary Club Friday, Sept. 12.

Times and topics for his lectures are:

Tuesday, Sept. 9 — "Exceptional Performance in Software Engineering," 3:30-4:30 p.m. (Refreshments at 3:30).

Wednesday, Sept. 10 — "The Information Content of Patterns," 3:30-4:30 p.m.

Thursday, Sept. 11 — "Function Semantics for Sequential and Concurrent Programs," 3:30-4:45 p.m. (Refreshments at 3:30). — "How to Write Correct Programs and Know It,"

7:30-9 p.m., joint meeting of the Association for Computing Machinery and Upsilon Pi Epsilon, computer science honorary organization.

All lectures will be in Room 209 Mathematics-Computer Science Building.

Mills will visit with faculty, staff and graduate students each morning in Room 308W Mathematics-Computer Science.

The visiting professor has been employed with IBM Corporation since 1964. He received an Outstanding Contribution Award in 1973 for new programming methodologies, including top-down program design, techniques used for structured programming, and the chief programmer team concept. He was named an IBM Fellow at that time. He later served on the Corporate Technical Committee in 1973-74 and as director of Software Engineering and Technology from 1977 to 1980.

Before 1964, he was on the technical staffs at General Electric and Radio Corporation of America, was president of Mathematics, and a consultant to various government and industrial organizations.

Mills was general chairman of the First National

Conference on Software Engineering in 1975, served on the program committee for the International Federation for Information Processing (IFIP) Congress in 1977, and has been editor of the IEEE Transactions on Software Engineering since 1975. He was the keynote speaker at the 2nd International Conference on Software Engineering in 1976 and an invited speaker at the IFIP Congress in 1980.

Mills received his Ph.D. in

mathematics in 1952 from Iowa State University. He was named an honorary fellow by Wesleyan University in 1962 and a fellow of the Association of Computer Programmers and Analysts in 1975. He has served on faculties of Iowa State, Princeton, New York, and Johns Hopkins Universities, and has been adjunct professor of computer science at the University of Maryland since 1975.

UMKC student challenges UM health insurance policy

By KEN HARDY

A student at the University of Missouri-Kansas City is challenging the student health insurance policy offered at the four U.M. campuses on the grounds that it violates federal sex discrimination law.

Steve Slater, a graduate student in psychology, has complained to the U.S. Department of Education that, by charging extra to women for pregnancy coverage, the policy violates the "Title IX" law banning discrimination against

women at colleges and universities which accept federal aid.

Slater was quoted in the Kansas City Times saying, "I knew there was a section of Title IX that said pregnancy has to be treated like any other short-term disability. This is just wrong. There's a lot of people getting ripped off, that's what it amounts to."

A section of Title IX reads: "A recipient shall treat pregnancy, childbirth ... and recovery therefrom in the

same manner and under the same policies as any other temporary disability with respect to any medical or hospital benefit, service, plan or policy which such recipient administers, operates, offers, or participates in with respect to students admitted to the recipient's educational program or activity."

The University of Missouri policy, which is underwritten by Gauranty Trust Life Insurance Co., Chicago, and covers almost 5,000 students at Rolla,

Columbia, Saint Louis, and Kansas City, lists maternity coverage as a \$125 option on a \$50 policy. Slater believes that the \$50 should cover pregnancy, too.

A spokesman for the Department of Education said that if the policy covers short-term disabilities but charges extra for pregnancy coverage, it probably is illegal, and the policy will have to be changed if the University wants to continue offering it to students.

ASEM holds first national conference

SOURCE: OPI

The first national conference of the new American Society for Engineering Management (ASEM) will feature addresses by Dr. Paul Chenea and Dr. James C. Fletcher. The meeting is scheduled for Monday and Tuesday, Oct. 5-7, 1980, at the Sheraton West Port Inn in St. Louis.

Dr. Chenea, who is vice president and director of Research Laboratories for General Motors, will deliver the conference's keynote speech on Monday morning, while Dr. Fletcher, the William K. Whiteford Professor of Technology and Energy Resources at the University of Pittsburgh and a former National Aeronautics and Space Administration administrator (1971-76), will

address the conference banquet on Monday evening.

In addition, three senior engineering management executives will attempt to predict "Engineering Management Challenges in the 1980s," and technical sessions will cover engineering management tools, human considerations, key problem areas and university contributions to help meet the challenges in these areas.

In its first six months of existence, ASEM, which was conceived as a forum for sharing the problems of managing technology, has grown to almost 700 members.

Further information on either the conference or the society is available from ASEM, 301 Harris Hall, University of Missouri-Rolla, Rolla, Mo. 65401.

Calendar Of Events Calendar Of Events Calendar Of Events Calendar Of Events Calendar Of Events

Editor's Note: If your organization is having a meeting, turn in details to the MINER office in Building T-1 before Monday at 9 p.m. and we will list it in the Activities Section of the paper. No articles submitted will be printed unless written in complete sentences with proper grammar. No schedule or flyers will be rewritten and published by the staff for the Activities Section.

If your organization is sponsoring a campus-wide event for the benefit of charity, get us details before Monday at 9:00 p.m. We will advertise the event free of charge in this space.

The MINER reserves the right to edit any notices or ads for this page before publication.

THURSDAY

UPSILON PI EPSILON

Upsilon Pi Epsilon, the Computer Science honorary, will have an important meeting tonight at 6:30 p.m. in 327 M-CS. All actives are asked to please attend as final plans will be made for UPE Computer Science Career Day, September 25th.

ACM-UPE

There will be a joint meeting of the Association of Computing Machinery and Upsilon Pi Epsilon on Thursday, September 11 at 7:30 p.m. in Room 209 M-CS. At this meeting, Harlan Mills, from IBM, will speak on "How to Write a Correct Program and Know It!" Refreshments will be served afterwards and everyone is invited to attend.

SPORT PARACHUTE CLUB

The Sport Parachute Club will hold its first meeting of the fall semester on Thursday, Sept. 4 at 7:30 p.m. in G-5 H-SS. One film on skydiving will be shown. Information about instruction will be available. Everyone is invited to come and find out what parachuting is all about. Don't forget-the meeting is tonight.

ETA KAPPA NU

The first regular business meeting of ETA KAPPA NU will be held in EE 105 at 6:30 p.m. All members are urged to attend.

GDI

G.D.I. 1st General Membership meeting at 7 p.m. C.E. 114. Free door prizes will be given out, and there will be a party after. If you're not a member already, come on out and join!

INTERCOLLEGIATE KNIGHTS

Any student with a 3.0 GPA, either last semester or cumulative, is invited to the I.K. Smoker tonight. If you are interested in joining our honorary service organization, come to Kappa Alpha at 7:30 or call Ken Arendt at 364-8115. Refreshments.

VARSITY GOLF

For anyone interested in playing varsity golf next spring there will be a meeting in the classroom of the Multi-Purpose building Thursday, Sept. 11 at 7:30 p.m. Everyone should bring a copy of their class schedule to the meeting. Anyone who is interested in trying out but can not attend should contact Dave Mueller at 364-9980 or Bud Mercier at 341-4175. All returning letterman are also asked to attend.

Missouri Miner

The MISSOURI MINER is the official publication of the students of the University of Missouri at Rolla. It is published weekly at Rolla, Missouri. The MISSOURI MINER features activities of the students and faculty of UMR.

Editor	Marilyn Kolbet	364-8336
Managing Editor	Chris Ransom	341-2810
Business Manager	Daryl Seck	364-9769
News Editor	Paul Braun	364-9769
Features Editor	Mary Ford	341-2764
Sports Editor	Gerry Goeke	364-8115
Photo Editor	Dave Caswell	341-2495
Advertising Dir	Cynthia Monds	364-8989
Faculty Advisor	Curtis Adams	341-4809

Subscriptions are available to the general readership at a rate of \$6 per semester. Articles and photos for publication in the Miner must be in by 9:00 p.m. on Monday before printing on Thursday.

THE MISSOURI MINER
T-1, 341-4235
University of Missouri-Rolla
Rolla, MO 65401

FRIDAY

LAMDA CHI ALPHA

The Lambda Chi Alpha Fraternity is sponsoring its second annual Night at the Fights boxing match for charity, to be held on Friday, October 3 at 8 p.m. All interested boxers are invited to attend workouts at the UMR Multi-Purpose building, Tuesday and Thursday evenings at 7 p.m. All equipment is provided. For more information you may call the Fraternity house at 364-9901 and ask for Kenny Strope.

INDEPENDENT'S WEEKEND

There really is an Independent's Weekend and it's going to happen Thursday, Friday, and Saturday, Oct. 2, 3 and 4. Watch for more information.

INTERNATIONAL STUDENT CLUB

International Student Club will meet Friday, September 5 at 7:00 p.m., Room G-5 Humanities and Social Sciences Building. Plans for activities and "What to Do in Rolla."

SATURDAY

VETERANS

There will be an organizational meeting for VETERANS interested in starting an organization on campus on September 8, 1980 at 4:00 p.m. in 104 ME.

HELIX

Helix invites anyone interested in life sciences to a pool party this Saturday at 2 p.m. Rides will leave the Student Union parking lot at 1:45 p.m., or call 341-2860 for directions and/or more information.

MONDAY

JOB INTERVIEW SEMINAR

The Tenth Annual Job Interview Seminar sponsored by the UMR Placement Center will be held on September 15 and 16, 1980 in Centennial Hall. Both sessions will start at 7:00 p.m.

Job interviews for the fall semester will begin on September 24 at the Placement Center, 9th and Rolla Streets.

WEDNESDAY

A.I.Ch.E. MIXER

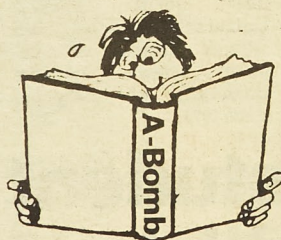
All Chemistry and Chemical Engineering majors are invited to the AICHe Mixer on Wednesday, September 10. Memberships to AICHe will be sold for \$3.50 each. Refreshments will be served.

NODAY

WHO'S WHO

Who's Who applications for 1980 are available in the Office of Student Activities and at the Candy Counter in the Student Union.

Help!!!



Brano's

Banquet Facilities Available
Dancing Thurs., Fri. & Sat.
9:30 to 1:00 341-2110
1435 Hauck Drive Rolla

Alex Pizza Palace

122 W. 8th Street Rolla
NOW OPEN FOR LUNCH 11 A.M.-2 P.M.

•SANDWICHES •SALADS •SPAGHETTI
•BEER •GYROS SANDWICH

For FREE DELIVERY of Pizzas
364-2669 or 364-9878

SUB Scripts

Do you need a break from studying this Sunday afternoon? Then stop by the hockey puck in front of the Mechanical Engineering building and enjoy some watermelon provided by the Student Union Board. The watermelon will be served from 2:00 till 4:00. There will also be members of the Student Union Board present to answer any questions about the organization and the programs it presents. Applications for membership on any of the six

committees will also be available.

On Saturday, September 13 at 8:00 p.m. in St. Pat's Ballroom the Fine Arts Committee of the Student Union Board will present the Alpha Omega Players in Plaza Suite, a play written by Neil Simon. Plaza Suite, a comedy, opened in New York on February 14, 1968 and ran for two years and eight months to become Simon's second-longest running non-musical success.

SUB's Campus Showcase

Once again, the Student Union Board will present its annual Campus Showcase. From 10 a.m. to 5 p.m. on Thursday, Sept. 11 the various campus organizations will gather in the St. Pat's Ballroom to inform and interest you.

The UMR campus has over 100 clubs and organizations. There are clubs for every type of individual from rock-climbers to photographers to ham radio operators. There are technical societies for every field of study on campus. For those who desire religious participation while at school, there are several religious groups from which to choose. And, of course, members of the Student Union Board will be on-hand to talk about the wide variety of activities that

SUB sponsors. These activities include concerts, dances, plays, movies, tournaments, Homecoming, College Bowl, coffeehouses, and much, much more.

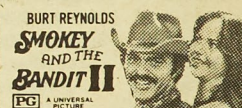
It only takes a few minutes to browse from table to table to find out about and maybe join the UMR activities which interest you. The Student Union Board invites you to stop by St. Pat's Ballroom (by the University bookstore) between or after your classes on Thursday the eleventh and learn what makes school fun.

UPTOWN
TELEPHONE 364-1857

Evenings 7 & 8:45
Matinee Sat-Sun 2 p.m.

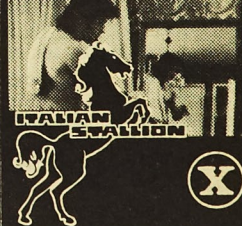


RITZ
TELEPHONE 364-1299



Owl Show 11:20
Fri. and Sat.
Separate Admission \$3.00

SYLVESTER STALLONE
As "STUD"



ROLLA DRIVE IN THEATRE
TELEPHONE 364-1802

Fri., Sat., Sun.
Showtime 8:00
Bruce Lee
"Return of the Dragon"
—PLUS—
"Game of Death"
Both R

Chancellor's residence receives a facelift

By JOHN JOHNSON

Returning once again this year for the start of another fall semester are the students, the faculty, and of course the construction workers, who, like the students and faculty, seem to have found a natural attraction to the UMR campus. The students have returned with their books and calculators, the faculty with their tests and gradesheets, and the construction workers with their hammers and nails prepared to supply the campus with all of the

modern day devices and conveniences.

In the past, most of the construction sites located on the University's grounds have existed for the sole purpose of tearing down the old to make way for the new. Yet this semester, on the west end of campus, there is a project underway which plans to accomplish just the opposite, the restoration of the 91 year old Chancellor's house.

The house, which has provided residency for past UMR chancellors and does so now for our current

chancellor, and his wife, is a two-story mansion of Victorian design common to the era in which it was constructed. Despite the stateliness of its design, its outer appearance had suffered greatly until this past summer when the Missouri State Historical Society came to its rescue funding \$100,000 for its restoration.

The reconditioning of the structure officially began when Wagner Roofing of Rolla replaced the worn roof with wooden shingling. Hogan Construction Company, also located in Rolla,

then took over installing 13 small windows on the north side of the house to match the already existing 11 on the south side. Their plans also include the replacing of the front porch, the resealing of the basement walls, the constructing of a sun deck and the addition of three French doors which will provide entry on and off the deck from the second floor.

Mike Miller, a carpenter for the Hogan Construction Company, commented that he feels the restoration of the house is a very worthwhile project. "After all," he said, "the house is ninety-one years old." Now it seems as though, thanks to the Missouri State Historical Society, the Chancellor's House, historically significant to both the UMR campus as well as the community of Rolla, will continue to exist at UMR — perhaps for another ninety-one years.



The Chancellor's house, which is ninety-one years old, is receiving much needed restoration through \$100,000 in funding from the Missouri State Historical Society. (Photo by Schaeffer)

Starting salaries are up again

The average starting salary for University of Missouri-Rolla May graduates continues to climb, with monthly wages up 12 percent over last year's figures, reports Career Development and Placement Director L.R. Nuss.

"With the energy problems that face the United States, engineers will continue to be in demand for some time," Nuss said. "And since 90 percent of our grads are in engineering and science, things look good at UMR."

The present state of the economy has cut down the number of actual job offers received, but Nuss said the engineering-science field is

still in solid shape.

"We are down about eight percent from the same time last year in offers, but this can be misleading," he said. "Our graduates may not have so many choices regarding positions — but there will still be plenty of excellent job offers to choose from."

Nuss said although the economy affects UMR graduates, the engineering-science fields have continued to flourish and companies are continuing to pay top dollar for UMR grads.

Locally, petroleum engineers continued to be the highest paid graduates, receiving a record starting salary of \$1,964 per month.

This was up from a May, 1979 figure of \$1,800 per month.

Geological engineers took over second place in pay scale, averaging \$1,942 per month in the May figures. Chemical engineers were third at \$1,807.

Among science majors, the highest demand continued to be for computer scientists, now averaging \$1,610 per month.

According to a College of Placement Council survey in March, engineers received 62 percent of all jobs offered. In other areas the survey showed business-related careers at 28 percent and humanities and social sciences at 3 percent.

"Based on requests from companies for interviewing facilities next year, it looks like we will continue to have a strong demand for our graduates," Nuss said.

UMR to host conference

The University of Missouri-Rolla will host the International Conference on Geotechnical Earthquake Engineering and Soil Dynamics from April 26-May 2, 1981.

In response to a call for papers, 135 have been received — 71 from the United States and 64 from 17 foreign countries, including Japan, India, the United Kingdom, Norway, Yugoslavia, Italy, France,

New Zealand, Belgium, Canada, Mexico, Venezuela, the People's Republic of China and Taiwan.

In addition nine state-of-the-art reports will be presented by international authorities on the subject from Japan, the United Kingdom, Norway, Canada, the U.S. and India. An exhibition of scientific equipment and technical publications also has been planned for the conference.

Professor Shamsher Prakash, who is visiting the UMR civil engineering department from Roorkee University in India, is chairman of the conference.

After the conference, the delegates will tour the UMR civil engineering department. On exhibit will be the 7-foot by 3.5-foot slip table that is being constructed for liquefaction studies on the soils of the Midwest.

UMR campus construction continues

By MIKE DUNNEMANN

Saving energy and money is the name of the game and here at UMR the air lock door shall be a regular sight. Presently final construction is being done on the Multi-Purpose Building and the M.E. Auditorium. The Library which shall be under construction for a few more weeks will not only save energy, but allow access for the handicapped.

The large, bulky doors previously a barrier to the stores of knowledge are being replaced by air lock automatic doors. Funds for the Library doors as well as the elevator in the Humanities and Social Science building, (installed last semester), were acquired through a special handicap improvement fund.

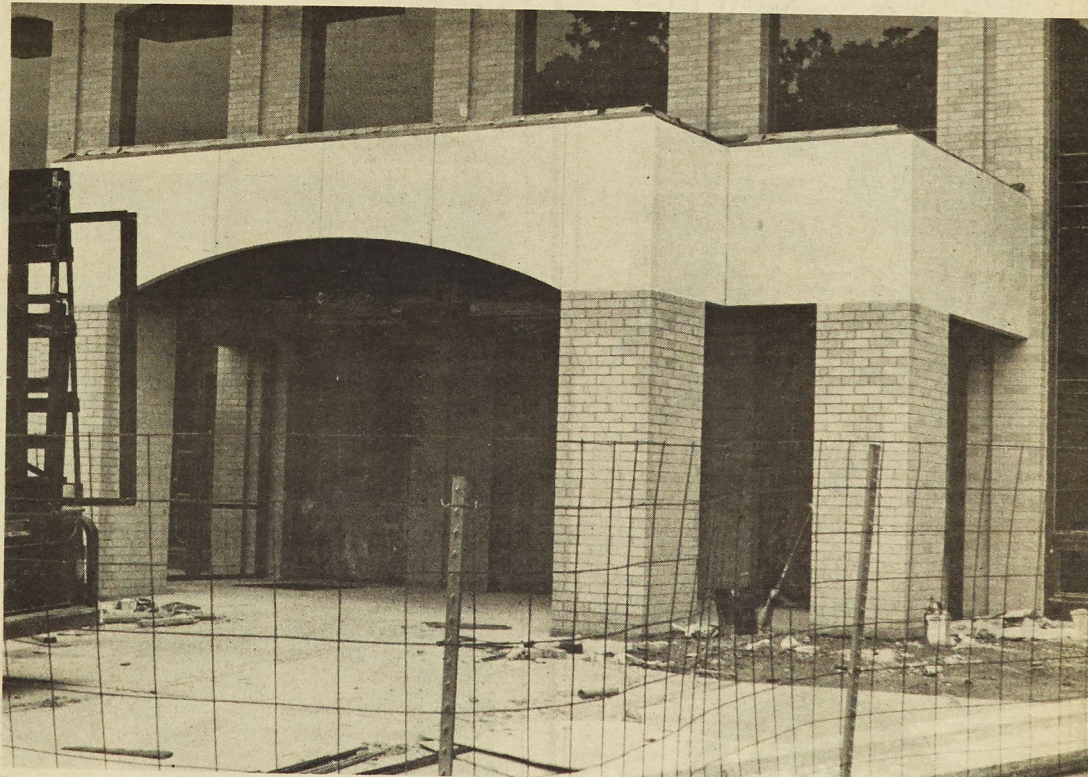
On the M.E. air lock the wrong bricks were previously installed and over the summer the correct ones were put up. There are over a hundred other projects going on this semester including a new soccer field opposite of the football field such that the locker rooms can be used by both. There is

also a new athletic field on fraternity row and a Hazard Chemical Storage and Disposal Building has been constructed near the Power Plant.

Relocation of Student Services also took place this summer. The following offices are now located on the second floor of the Rolla Building; Dean of Students, (Dr. Robertson), Student Activities, (Louis Moss and Joe Ward), the Program Office, (Mrs. Harvey), and Admissions Processing, (Jay Carney). The Counseling Office is still located on the first floor and our own "Miner" office will be on the third.

The moves are part of an effort to place all student services under one roof rather than spotted over the campus. The Rolla Building is being modernized to conserve energy as well as to present a pleasant atmosphere for the students and personnel of UMR.

Ideas are still being tossed around including one that will put a new wing on Thomas Jefferson Hall. Oh, the Chancellor's house is also being worked on. (See Chancellor's House article).



Above is the new air lock which is being put on the front entrance of the Library. It is estimated that the

new construction will be completed in a few weeks.

(Photo by Schaeffer)

Student Union Board requests student participation

The Student Union Board is spending your money and needs your help. Your fees give us the money to put on all sorts of events for you, from dances to concerts to sport tournaments to canoe trips to plays to Homecoming, you name it. And you CAN name it if you join one of our six committees that put on this variety of events.

SUB exists to provide you, the student, with the

cultural, social, and recreational activities needed on a campus and the committees are the backbone of SUB. Here's a list of those committees so you can see which one sounds the best to you.

Concerts — This committee is in charge of putting on all the big concerts on campus, including Homecoming and St. Pat's. On Sept. 27 we're having a

free concert with the band Missouri and really need people to help put on the show.

Social — This group puts on all the coffehouses, discos, dances, and student talent nights.

Fine Arts — This committee puts on some of the classier events on campus including plays, classical music, jazz, mime, one-man shows, arts shows, etc.

Indoor Recreation — They

put on the films that are shown and the games tournaments that are held throughout the year.

Outdoor Recreation — These people handle all our outdoor programming like canoeing, hiking, sports tournaments, and the On The Loose supply room.

Special Events — This committee puts on or helps with the big things that happen like Homecoming, College Bowl, Casino Night,

University Day, Parent's Day, and several others.

As you can see by this list there's a lot going on at SUB. So if any of these activities excite or even interest you come by the Student Union Board office right along the breezeway through the Old Student Union (or University Center West as some call it) or go by Room 204 of the Rolla Building (that's the old, red brick building south-

west of the hockey puck.) We'll also be taking memberships at our Watermelon Spectacular on Sunday, Sept. 7, from two to four in the afternoon at the hockey puck. Come on by for some free cold watermelon and live music by Bart Smith. Bring a frisbee.

If you've got a little spare time or can make a little spare time, sign up. It's a lot of fun and after all, it's your money.

SCUBA classes

Two courses in open water SCUBA diving will be offered beginning Sept. 12 by the University of Missouri-Rolla.

"Open Water SCUBA Certification Program" is open to all persons 12 years or older who are interested in learning SCUBA skills. "Advanced Open Water SCUBA Certification" is for those who already have their certification and wish additional instruction.

The open water course requires no previous certificates, but students should be average or better swimmers. Each meeting will consist of three hours of instruction in the UMR pool during the morning and three hours in the classroom in the afternoon. There will be five supervised check-out dives in open water at

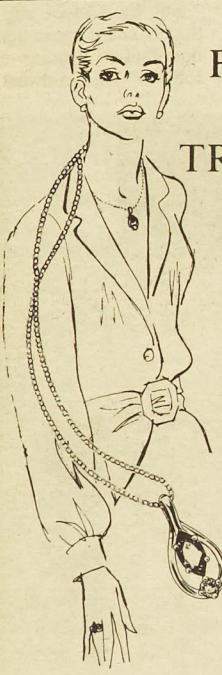
Jordan's Landing on Lake Norfolk, Arkansas. The course fee is \$75. Cost for the open water dive (not included in the fee) is \$70 and should be paid during the class session.

Registration for the first course will be limited to the first 24 paid applicants. Class dates are Sept. 12, 13, 14, 20 and 21, with the open water dives Sept. 27-28.


Registration for the advanced course will be limited to the first 12 paid applicants. The course will be held Sept. 13, 14, 20 and 21 with five open water dives Sept. 27-28. The fee for the advanced course is also \$75.

For more information regarding classes and required equipment, contact Bill Kratzer at the UMR Continuing Education Office, 314-341-4200.

FASHION'S NEWEST TREASURES



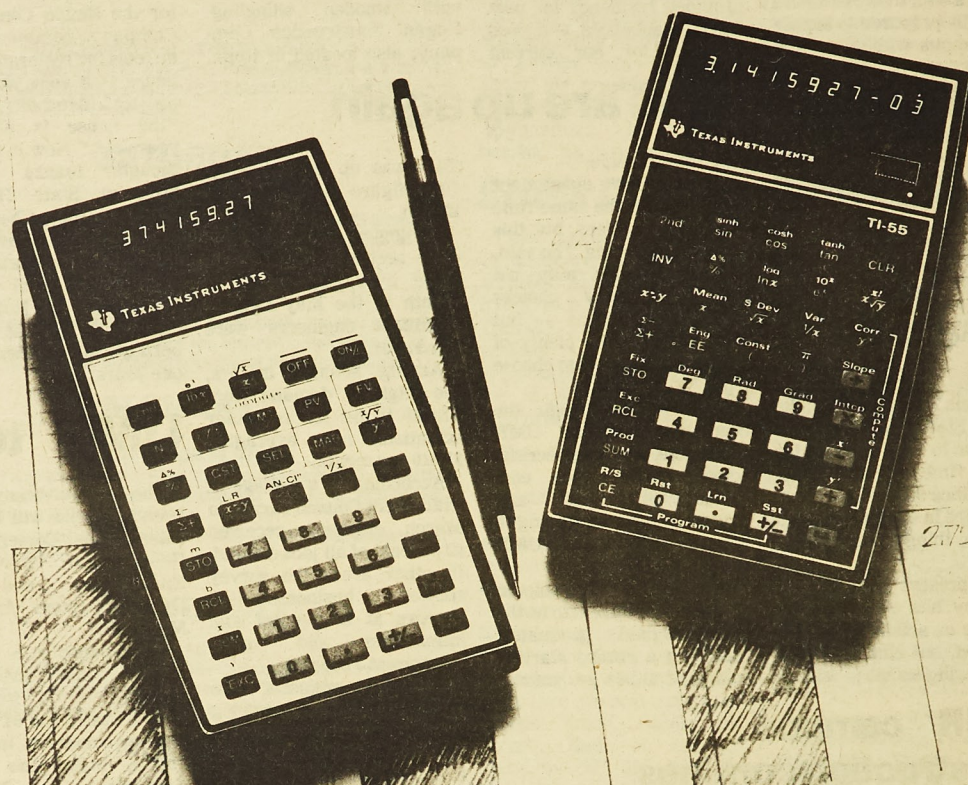
come in 14K white gold with Sapphires & Diamonds. Brighten your fall ensembles with this 14K yellow gold pendant and matching ring. Truly the perfect set...for the perfect you! (18 inch, 14K gold chain included).



DESIGN BY JEWELMONT

715 Pine St. Rolla
364-2142





**These two TI calculators can help you
handle courses in math, in science, or business.
Now, and in the real world.**

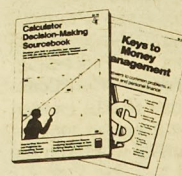
One real-world lesson you'll learn in school is the importance of productivity. Time you spend doing the math part of the problem is time you can't spend learning concepts.

A Texas Instruments professional calculator will help make your study time more productive. And it can also help you move into the world of a professional. A world where knowing the concept is only part of the solution. Bringing out the answer requires a working knowledge of a powerful personal calculator.

Economical TI Business Analyst-I with Statistics and advanced busi-

ness functions.

Pre-programmed with business functions for time-value of money, statistics, profit margin. And other problems you'll encounter in business school. Other capabilities include percent, squares, logs, and powers. Its 140-page book, "Keys to Money Management" (a \$4.95 value), has step-by-step instructions plus sample problems. It's an extra value with every BA-I.



The TI-55 advanced slide rule with statistics and programmability.

This capable calculator has AOS™ easy entry system, statistical functions, 10 memories, 9 levels of parenthesis, trig, powers and roots, plus programmability. Its book, "Calculator Decision Making Sourcebook" (a \$4.95 value), helps you get all the power pre-programmed into the TI-55.

See the whole line of TI calculators at your college bookstore or other retailer. *Trademark of Texas Instruments Incorporated.



Texas Instruments technology — bringing affordable electronics to your fingertips.

**TEXAS INSTRUMENTS
INCORPORATED**

© 1980 Texas Instruments Incorporated

45731

Visiting professor program

They come from China, England, and points east and west in this country.

This fall, they'll be coming to the UMR campus where they will be visiting professors of mathematics, computer science, humanities, chemistry, metallurgical engineering and mining engineering.

Altogether, there will be seven visiting professors at UMR during the fall semester. Five are scheduled for September.

A UMR alumnus from the People's Republic of China is included in the group that will lead off the fall program. He is Dr. Chi-Mei Hsiao (Jimei Xiao), chairman of the department of metal physics at Beijing (Peking) University of Iron and Steel Technology who will be here Sept. 8-10. He received his Ph.D. in metallurgical engineering here in 1950. Dr. D.C. Bradley, professor of inorganic chemistry and head of the department of chemistry, Queen Mary College, London, England, also will be on campus Sept. 8-10, and Dr. Harlan D. Mills, computer science expert, IBM, and adjunct professor of computer science at the University of Maryland, will lecture on campus and at the UMR Graduate Engineering Center in St. Louis Sept. 8-12.

Two others, Dr. R.V. Ramani, professor of mining engineering, Pennsylvania State University, and Dr. David D. Anderson, professor of American language and thought, Michigan State University, will be here the week of Sept. 22.

Others scheduled for the fall semester are Dr. Joseph Macek, professor of physics, University of Nebraska-Lincoln, Oct. 20-24, and Dr. Thomas G. Hallam, professor of mathematics and ecology, University of Tennessee (no date set).

The UMR visiting professor program began last year when 12 professors, all experts in their fields, were hosted by seven UMR departments. The program is coordinated by Catherine Jenks, assistant to the chancellor for affirmative action and public events. She works with a three-member advisory committee: Dr. Peter G. Hansen, school of Engineering; Dr. Troy Hicks, College of Arts and Sciences; and Dr. Ronald L. Carmichael, School of Mines and Metallurgy.

The first year's group included Dr. Raymond Sterling, director of the Underground Space Center, University of Minnesota; Mervyn Willis, University of Melbourne, Australia; Dr. Alphonse Chapanis, Johns Hopkins University, one of

the founders of the field of engineering psychology; Dr. Merritt A. Williamson, Vanderbilt University, a pioneer in engineering management; Dr. S. Nemat-Nasser, professor of civil engineering and applied mathematics, Northwestern University; Dr. Harold M. Hyman, William P. Hobby professor of history, Rice University; Donald Harington, Ozark folklorist and novelist; two computer scientists — Dr. J.C. Browne, Computation Center, The University of Texas at Austin, and Dr. Stephen Hedetniemi, University of Oregon; and three mathematicians — Dr. Curtis A. Travis, Oak Ridge National Laboratory, Dr. S.M. Shah, University of Kentucky professor emeritus, and Dr. Charles Antle, Pennsylvania State University.

All in all, it was a prestigious group that inaugurated the visiting professor program, and the campus response was enthusiastic.

Four departments — metallurgical engineering, mathematics, computer science and humanities — liked the experience so much that they followed up with visiting professors this fall. Others have scheduled visits for the spring semester.

The consensus of the committee is that last year's program worked out well — even better than expected, especially for a first-time effort.

Dr. Hansen says, "It gave our faculty a chance to spend time with really outstanding people, experts they might otherwise have been able only to meet briefly or hear at a conference."

One of these was Mervyn Willis, Australian expert on lead extraction, who was in this country to attend a meeting and extended his visit to spend three weeks at UMR. This was an arrangement that worked out well for both UMR and the visiting professor, in view of the distance involved. "We'll be taking advantage of such visits whenever we can to get international experts on campus," Dr. Carmichael adds.

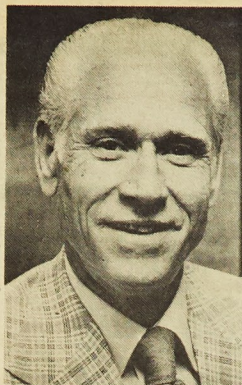
Although each professor was hosted by a department, their presentations and conference time were open to students, faculty and staff from the whole campus, and many took advantage of the opportunity. Interest extended off campus, too, and at least one of the visitors, Willis, shared his expertise with area industries when he visited smelters in the New Lead Belt.

The time spent at UMR, jam-packed with seminars, speeches and conferences, was a busy time for the visiting professors, but they say it was well worth it.

And there were, in some cases, some unexpected bonuses for both UMR and the visitors.

"I think we here at Rolla had expected to learn from the visiting professors. But several of them commented that they, too, had profited from their contacts with UMR professors and students," reports Dr. Hicks. "And I think many of them went away with a new appreciation of what we are doing here at UMR."

With the visiting professor program all set for the 1980 fall semester, the committee is looking ahead to next spring.



Dean Theodore Planje

Dean Planje dies

University of Missouri-Rolla Dean of the School of Mines and Metallurgy Theodore J. Planje died on July 15, 1980, in Lexington, Ky. He was 61.

Planje had been attending a meeting of mining institute directors at the University of Kentucky.

Dean Planje was born March 17, 1919, in St. Louis. He received his B.S. degree in 1940 and his Ph.D. degree in 1950 in ceramic engineering from UMR. He became an instructor of ceramic engineering at UMR in 1946 and was promoted to assistant professor in 1950, associate professor in 1952 and professor and chairman of ceramic engineering in 1955. In 1964, he was named dean of the School of Mines and Metallurgy and director of the Space Science Research Center. He was dean of the School of Mines and Metallurgy and assistant to the chancellor for research at the time of his death.

He recently received the Albert Victor Bleininger Award given by the Pittsburgh section of the American Ceramic Society in recognition of "distinguished achievements in the field of

ID's required at Infirmary

By MIKE DUNNEMANN

Over the summer a number of changes have been made at UMR. A rule that will now be enforced beginning this semester pertains to the student services that are provided free from the UMR Infirmary.

Upon speaking with Mrs. Mattons, head nurse in charge of the Infirmary, the new policy requires a student to present a validated Student I.D. and to have a physical form on file in their office.

"This policy is not new," Mrs. Mattons stated, "but just an enforcement of Missouri law requiring parental permission to provide any medical attention to anyone that is under 21 years of age. Of course emergency cases will be handled as they arrive, but no other circumstances will be considered. It is hoped that this will also defer non-students from attempting and regular students from abusing the services provided by the Infirmary through state funds.

ceramics."

Dean Planje was a Fellow of the American Ceramic Society and served that organization as vice president, treasurer, president-elect and president (1972-73). He was a member of the National Institute of Ceramic Engineers; the Ceramic Educational Council (president, 1959-60); the American Institute of Mining, Petroleum and Metallurgical Engineers; the American Society for Engineering Education; the Missouri and National Societies of Professional Engineers; and the National Association of Medical Vocabulary. He was a registered engineer in Missouri and was a member of the National Defense Executive Reserve-Emergency Minerals Administration.

**Stop
excusing
your life
away.**

**American
Cancer Society**

Texas Instruments electronic slide-rule calculator TI-30



**TI-30
student
math kit**

Only **\$18.⁵⁰**

Campus Book Store

205 W. 12th Rolla

Godfather's Pizza

The most
incredible pizza
your two lips have
ever put a lock on.

**FREE PITCHER
OF COKE**

with this coupon & the purchase of a medium or large pizza. Limit 1 coupon per eat-in pizza ordered.
Expires Sept. 11th, 1980.



"Coca-Cola" and "Coke" are registered trademarks which identify the same product of the Coca-Cola Company.

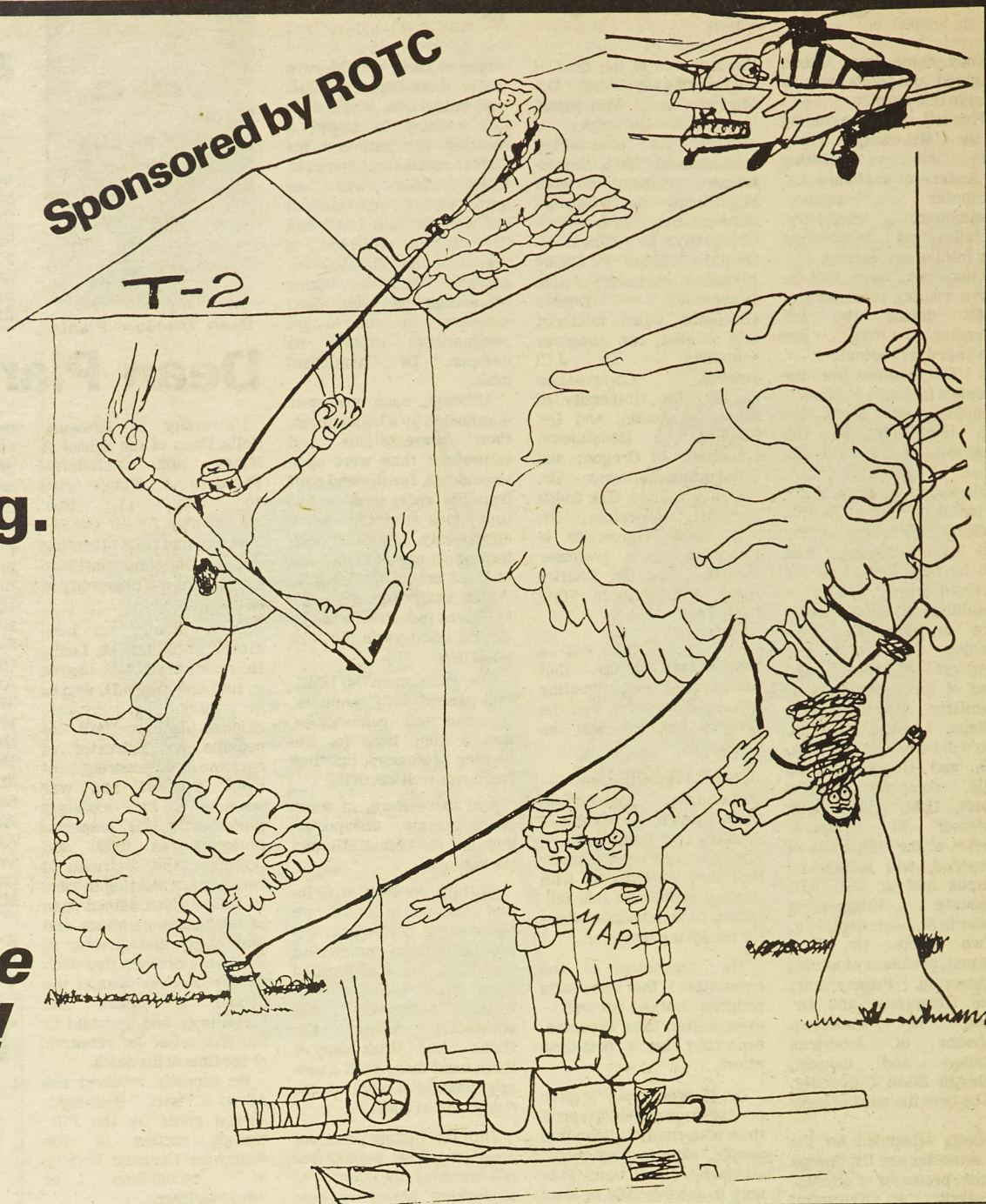
1140 Forum Dr. Rolla
364-3214

Hours: 11:00-11:00 weekdays
11:00-1:30 Fri. & Sat.

OPEN HOUSE

Sept. 5
T-2 ROTC Bldg.
11:00 a.m.
til
4:00 p.m.

***Pick up free
 ticket to dance
 that evening!***



**Your favorite
 Refreshments FREE**

Light Show

Music

Dancing

**Sponsored by
 ROTC**

DANCE

WHERE: Armory, Fairgrounds Rd.

WHEN: Friday, Sept. 5 8-12 PM p.m.

WHO: Anyone with valid UMR I.D.

COST: Free With Ticket Which can be Obtained From
 the Mil. Sci. "Open House", Fri. Sept. 5- 5, 11-4p.m.
 or \$2.00 Cover Charge

Bldg. T-2

Features

Thursday, September 4, 1980

The Missouri Miner
Page 7

The Steve Beck guide to college males (For college females)

Since you are attending a college whose students are predominately male, you are likely to find several fellas dying for your attention. Why not? After all, you have more sex appeal in your little finger than the average girl has in her whole thumb!

For your convenience, I have provided a description of each of the five major types of guys you are likely to encounter on the Rolla campus. Then you can identify any guy you meet on sight and determine if he is the right type for you. Good Luck!



(Photo by Phil Cook)

1. MR. PERFECT EGOTIST

Excels in everything. God's gift to women, and he knows it. Ultra-macho — must spend two hours after shower to blow-dry his chest hairs. But all he wants is sex. What's worse — he always gets it.



Tell ya what chick... if you pay for my movie ticket too, I'll let you HOLD MY HAND!

4. NICE GUYS

Generous, considerate, polite. Can perform the impossible feat of always letting the girl walk in front of him, yet always opening the door for her before she gets there. Extremely innocent, with an almost Luke-Skywalkerish naivete, he will never cuss and has only the vaguest idea of what "sex" is. Whenever he sees a commercial for sanitary



Pardon me, miss — I was wondering... If your not too terribly busy this evening, would you care to join me for dinner in a very nice, hideously expensive restaurant?

napkins on TV, he will blush instinctively, even though he has no idea of what the commercial is talking about. But note: The NICE GUY

almost always has some defect or flaw, because if he was perfect, he would be a MR. PERFECT/EGOTIST (#1).

2. BURNOUT FREAK

Rarely makes it past high school. But, some are pretty good at math and science, and may inevitably show up at Rolla. He listen only to K-SHE (thinks KWK stinks because it plays too much mellow stuff.) Interested only in sex. Surprisingly, burnouts are fairly successful with women, who find their "freaky eyes" fascinating.

Wow Man! Bummer! Reach! Joint! Bong! Co-1! Narc! Joint! Wow! FRY! Wow!



3. TOTAL DORK-OUT

In general, forget it, kid. However, a few are basically decent types. With a little understanding they could shed their dorkishness and evolve into NICE GUYS.



Hey Baby, ... want to get lucky?



Heaventh, I Never met a man I didn't like!

5. FAG

Self-explanatory. Probably won't bother you anyway. Note: They often smell real nice.

Rat killer needed for Madrigal Dinners

Renaissance street acts are being added to the program of the University of Missouri-Rolla's annual Madrigal Dinners this year, and Musical Director Joel Kramme is looking for actors to play the parts.

"Persons who can create convincing Renaissance street characters such as a jester, acrobat, puppeteer, storyteller, rat killer, wizard, or mime are asked to audition from 6:30 to 9:30 p.m. Monday, Sept. 8, in St.

Pat's Ballroom," Kramme said.

Those who pass the audition will appear at the Madrigal Dinners Dec. 11, 12 and 13. In addition, arrangements are being made for them to attend the Kansas City Renaissance Festival Oct. 11 and 12 with the UMR Chamber Choir and Collegium Musicum.

The Madrigal Dinners, a series of Christmas dinner concerts, will be presented for the eighth time this year

and will feature music by the UMR Chamber Choir and Collegium Musicum. The programs incorporate music, costumes, decor, dialogue and epicurean delights authentic to an early period of historical and cultural significance. The 1980 dinners will re-create a 16th century Christmas revel at the court of Henry VIII.

Inquiries should be directed to Joel Kramme, musical director of the Madrigal Dinners, G-8 Harris Hall, 341-4185.

Groundwaves



— Wowie zowie! We're back.

— Aw F—

— Stop! You can't say that.

— Huh?

— You know the FCC Rules and Regulations.

— Oh ... yeah. — But I thought this was for the newspaper.

— Huh?

— You know, the "Miner," that stuff you use to line the bottom of your birdcage.

— Oh. You're right. Nevermind.

Yes, that's right. We are back. All 300,000,000 microwatts oscillating once again at 89.7 million times every second. (Wow man, what a rush.) This year promises to be even better than years past. Why? Because we're going to play what WE want to play. Ha. Ha. We don't care what YOU musical degenerates want. What do you know? If you don't like it, listen to that disgusting white-vested, shirt-open-to-the-navel, pina

colada music or music-to-hogtie-a-defenseless-calf-by or go and sit in an elevator. HaHa. Ya see, we've gotcha by the short hairs now! HaHaHaHa!! There's nothing you can do!! HaHaHaHaHa!! And here's what you've got to suffer with:

News four times a day at 8 a.m., noon, 3 p.m. and 6 p.m.;

Sports every weeknight at 10 p.m.;

Weather reports every twenty minutes from 6 a.m. to 9 a.m.;

Mother Earth News at 9 a.m. on Mondays and Wednesdays;

Town and Campus Calendar every day at 10 a.m. and during the 6 p.m. news;

Zodiac News every day at 3 p.m. and 8 p.m.;

NFCB Tuesday and Thursday mornings at 9;

Energy Watch at 1 p.m. Wednesdays;

Science Report Tuesdays at 1 p.m.;

Concert News at 7 p.m. on Mondays and Wednesdays;

Hitchhiker Report every Tuesday and Thursday at 7 p.m.

There! How do you like that? Not satisfied? Well, HaHa, here's more!!

"Blues for Rolla" hosted by Dr. DeRanged will be on every Sunday night from 8 p.m. until midnight with a featured album at 10 p.m.

The "Rolling Bozo Revue" returns to Monday nights

from 10 p.m. until 1 a.m. with an old, classic record album featured at midnight.

The "Bluegrass Variety Show" will be back on Wednesday afternoons from 3 until 6 with everyone's favorite uncle, Unkle Dave. And don't forget that Unkle Dave will be featuring an album at 4 p.m.

For Jazz tune in Dale Hursh Monday afternoons from 3 until 6 with an album feature at 4 and also Thursday nights from 10 until 2 the next morning Mark Foreman will jazz up your night with a featured album at midnight.

Ted Lowe informs us that at 9 a.m. on Friday mornings an album of indeterminate origin will be featured.

That just about does it for now. If you don't like it may the fleas of a thousand camels nest in your sister's armpits (or your girlfriend's if you don't have a sister).

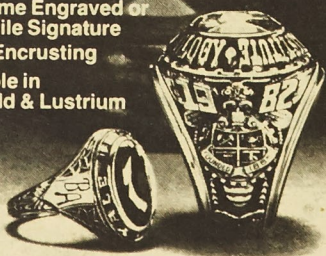
Sincerely,
J.R.

Your Jostens College Ring

These Deluxe Features at No Extra Charge:

- Yellow 10K Gold or White 10K Gold
- Synthetic Birthstones or Sunburst Stones
- All Birthstone Colors Available
- Full Name Engraved or Facsimile Signature
- Stone Encrusting

★ Available in 14K Gold & Lustrum



Ask about Jostens Trade-In from your Jostens College Ring Specialist

Date: September 8-12

Time: 8-5 Place: Campus Bookstore
See our complete selection of rings at your bookstore.

Nightcrawlers

By DAN DZIEDZIC

For us returning students at UMR, it isn't so much the welcome back to Rolla that's going to throw us into shock as finding something to do with our extra spare time. One of these "spare time fillers" happens to be showing (or probably by the time this gets published — was showing) down at the Ritz movie theatre.

Smokey and the Bandit II, the long awaited sequel to Jackie and Burt I, has an exciting atmosphere that

parallels the original within a certain degree; the plot of moving precious cargo, the build-up of anxiety by following the chase, the tension strainer to see if Snowman will drive up in time, and for those of us disinterested in the stuff called plot and theme, the moves of Sally Fields as she does her share of the law-breaking. Yet what really steals the show once again, is seeing the Bandit pull his crazy ole' shenanigans to outsmart his pursuer that "makes them all look like they're running in slow motion." It is one piece of action right after the other —

from Sheriff Buford T. Justice's patrol car being tackled by the infamous crime fighter Mean Joe Greene, to seeing Justice straddle a draw bridge over a small puddle of water — something called a river, to the scene of the supposedly unescapable trap for the Bandit being turned into a junkyard for the Texas Highway Patrol and Canadian police, creating doomsday for the Texas county mountie.

On the other side though, Smokey and the Bandit II has more serious plot than Smokey I in that the Bandit this time finds himself in conflict with wishes of close friends and success of delivering the "live" cargo on time.

Smokey and the Bandit II is an excellent movie to see, not to mention what it does to kill the boredom of studying, but looking back, I would rate this better than Smokey I for a better development of the plot and keeping the same number of laughs. After all, are there any guesses for Smokey and the Bandit III?

St. Pats Design Contests Start

By GREG FLECK

The St. Pat's Board proudly announces their 1981 sweatshirt design contest. A \$40 cash prize will be awarded for the best design submitted to the St. Pat's Board. There will also be a \$25 and \$15 prize for the second and third place designs, respectively. Each design must include "St. Pat's 1981" and "UMR" and be submitted on paper no later than Sept. 16 to your local St. Pat's Board Rep.

Furthermore, the 1981 St. Pat's Bumper Sticker Slogan Contest is at hand. The first

place prize of \$15 will be awarded for the best slogan. The deadline for this contest is Oct. 14. That's two easy ways to win lots of money and become famous at the same time. Just imagine the number of sweatshirts and bumper stickers that could have your name on them. Everybody should enter and show your creativity.

$$1 \} = \phi |, K(n-1) \} =$$

$$K(n-1) [$$

$$K(n-1) [$$

$$[M \text{ Strea}$$

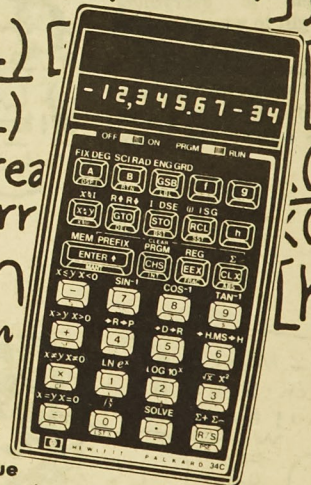
$$[M \text{ Serr}$$

$$= (1+n$$

Free Application Book!

thru 9/19

\$8 Value
HP-34C with continuous memory.



SCIENTIFIC PROBLEMS?

SEE US FOR THE HP SOLUTION

Only \$139.⁹⁵

Campus Book Store

205 W. 12th Rolla

GRELLNER SALES & SERVICE, INC.

Distributor of Miller, Miller Lite, Pabst Blue Ribbon, Andeaker & Lowenbrau

If you are having a party, contact our campus reps.

JOE GABRIS

364-2930

or

JERRY FREDERICKS 364-5226



Won't find these in Webster's folks

By BOB KOENIG

Today I'd like to address the freshmen among you. Many freshmen have come to me and said Bob, Bob they say, Bob what can you tell me, what advice can you give me in order to make this first difficult year go easier? Many have come to me and I have given those the benefit of my years, but I realize there are many freshmen and freshmen (especially the freshmen) who don't even know where to turn for sage advice (a little spice in all my advice). To you this week's article is dedicated.

College, as well as all other sciences, has its own specialized vocabulary. The first major step in dealing successfully with UMR is learning this vocabulary. Defined below are some of the more confusing terms you will hear at UMR. Some are scientific, others are terms common to all educational experiences. Many of these terms however are either uniquely the property of UMR or take on new meanings in the local jargon.

Double E, EE (pronounced ee ee) — this term's significance is based on E being the fifth letter of the alphabet. EE actually is 5 times 5 or 25. This number is often referred to in numerology as the "Number of the Perfect Square" (as opposed to beast). A short study of the individuals granted this title should explain its usage (try the Library).

Board — in general usage a flat, blunt instrument used by elementary school principals to inflict incredible amounts of pain. At

UMR a flat blunt instrument dedicated to kill incredible amounts of pain (see also Party Weekend)

Integration — A mathematical process involving the addition of infinitely small values over a defined region to achieve a finite value. (For an example watch your Physics TA add up your quiz scores.)

Pud — a term usually used in reference to an easy class, initiation, or major. As a freshman you can rest assured that any class an upperclassman tells you is "pud" he passed with a D the second time around.

Comp. Sc. — a religious cult actively recruiting on campus. They gain members by offering high paying jobs with minimal mental output. After being recruited, innocent neophytes are pounded to bits and generally emerge a mere algorithm of their former selves.

Thermo I & II — exciting ME classes that answer such questions as is hell isothermal (of course it is. If not the engineers down there would build a refrigerator and air-condition half of it.)

Avogadros number — 341-6666. Let me tell you she's a real good time.

Alice — Avogadros' roommate who's loved by all the young girls and hated by most of the young boys.

Diffy Screw — This term refers to a girl (or boy) who won't kiss until the sixth date.

Limit — The maximum extent. For example, Parker Hall limits the number of students in classes by the number that show up or the number of square feet in the room, whichever is smaller.

AE — as with EE, signifies 1 times 5 which of course equals 5 (base 10). Numerologists refer to this as the "Number of the Imperfect Square."

Punt — One of the many valid methods of becoming a "Super Senior" (see also "RUNAWAY" and Final Solution.)

Barracuda — a fierce, edible, pike-like fish with large interlocking teeth. This baby is especially fond

of biting large flashy areas of the human body and was chosen as the official symbol of the Board (see above.)

Further as a service for the new female readers I asked a few women whom have been at UMR for awhile to give some advice for you all. What follows is their responses edited only for clarity.

"First off girls, you're a hot property. Right now you're better off than an

uncommitted delegate at a political convention. Make hay while the sun shines 'cause next year at this time the shoe's gonna be on the other foot. Believe me!"

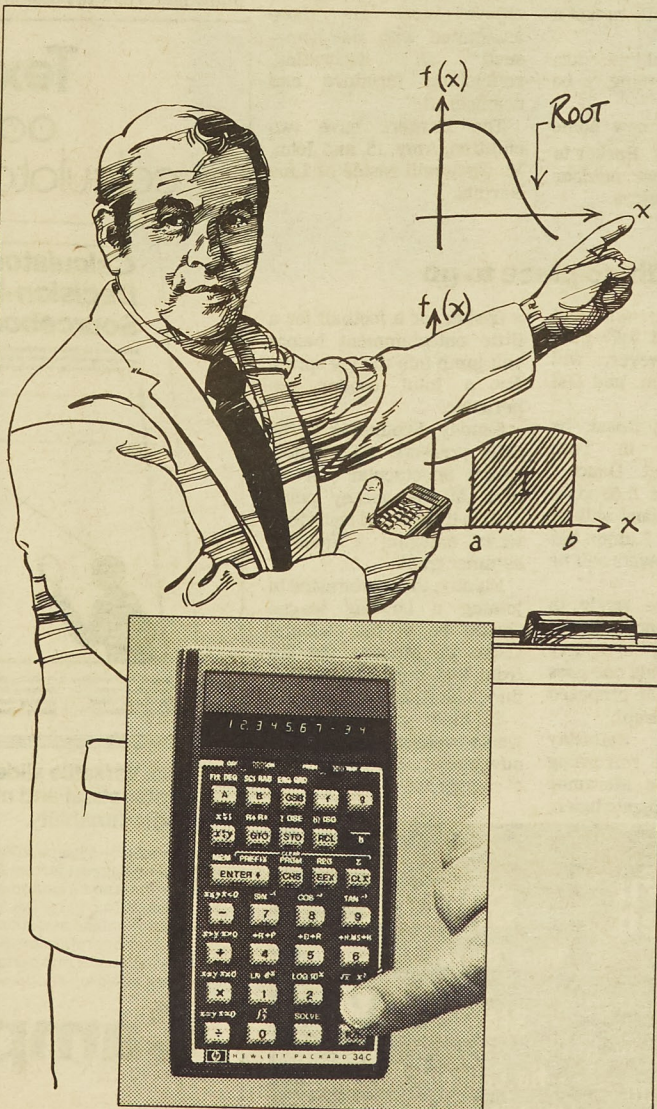
"What you've got to do girls is be careful. The school's nice and the guys are great, but play your cards right. For instance the TKE parties are a great time, but never use your real name. Also insist upon two pieces of photo I.D. before

making any concessions."

"One more thing girls, Bob Koenig is one of the most incredible males you'll ever meet. It's impossible for me to describe him so you'll have to see for yourselves. All I regret is that I couldn't hold him myself."

Thanks Mom. I hope to have more advice for you young folks later. Try to enjoy your first year. The classes just get harder as you proceed.

HP Professional Calculators. The HP-34C makes finding roots and solving integrals as easy as adding or subtracting.



The HP-34C's Solve and Integrate functions put an end to laborious computations and the trial-and-error approach for determining the roots of an equation or computing definite integrals of a function. Now, a single keystroke gives you the answer. This means real time-savings for you math, engineering, and science majors who will be performing these calculus operations over and over again.

Solve and Integrate are but two examples of the problem-solving power of the HP-34C advanced programmable. Dynamic memory allocation automatically converts the 21 data registers, as needed, to provide up to 210 program lines. And remembers these allocations so you don't have to. Up to 3 keystroke instructions are automatically merged into one program line expanding memory to make the HP-34C comparable to calculators having as many as 370 program lines. And editing is a snap. The HP-34C's editing keys let you review your programs and insert or delete instructions as needed.

The HP-34C also features Continuous Memory that retains your data and programs even after the calculator has been turned off. Retrieve them as often as needed, without the bother and lost time of reentering.

Visit a Hewlett-Packard dealer now and experience problem-solving made easy with the HP-34C. For the address of your nearest HP dealer, CALL TOLL-FREE 800-547-3400, Department 658M, except from Hawaii or Alaska. In Oregon, call 758-1010. For details write: Hewlett-Packard, 1000 N.E. Circle Blvd., Corvallis, OR 97330, Dept. 658M.



**HEWLETT
PACKARD**



2 GAMES TO PLAY!

PLAY BALL

WIN UP TO \$1,000!

\$1,000,000 in cash & product prizes available.

Save the Stub!

PLAY WORLD SERIES!

Over \$5,000,000 in free regular root beers



See complete details and odds chart at participating A&W Family Restaurants. Game cards available while supplies last.

1202 N. Bishop Rolla

UMR's newest face

SOURCE: OPI

If early impressions are any indication, Dr. Marvin W. Barker, the new dean of the College of Arts and Sciences at the University of Missouri-Rolla, should have little trouble adjusting to life in the Ozarks.

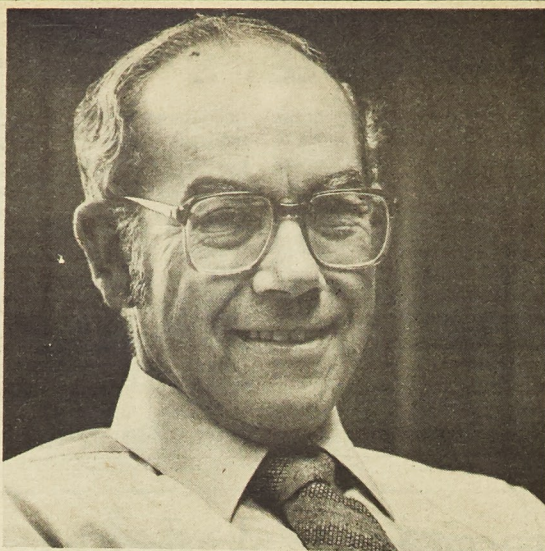
Dr. Barker, who comes to UMR from Mississippi State University, Mississippi State, Miss., where he was chairman and professor of chemistry, began his duties as dean on July 1. He also will serve as a professor of chemistry.

"A lot of people believe that Mississippi is all flat delta land," he says. "And it is in the western part of the state. But the eastern half, where we lived, is forested hill country. It's a lot like the Ozarks, rounded and rolling, except that it's a little more hilly here and it stays green year round in Mississippi."

And like a lot of people who have lived near or spent any time in the woods, Dr. Barker is an avid hunter and fisherman.

"I really enjoy hunting and fishing," he says, "because they allow me to get totally away from work. If I didn't control myself, I'd probably do nothing but hunt and fish."

He learned how to hunt in Mississippi, and because of the way the hunting season fell there, he's primarily a deer hunter.



Dr. Marvin W. Barker,
New Dean of Arts and Sciences at UMR.

The Barkers also have gotten a good taste of Ozark hospitality in the short time that they've been in Rolla — they arrived here June 19.

"The real estate agent who sold us our house has been unbelievable," he says. "She's helped us out with so many things — the utilities, the banks, even finding friends for our children — that we haven't had to worry about anything. She demonstrated that she's interested in a lot more than just selling us a piece of property. It's really meant a lot."

"If she's typical," he adds, "living here is going to be terrific."

Purchasing a new home also will allow Dr. Barker to engage in another outdoor activity that he enjoys.

"I like to build and landscape yards," he says. "I get someone who knows what they're doing to give me advice and draw up plans and then I supply the labor."

While Dr. Barker prefers outdoor activities, his wife, Alice, likes those activities associated with the great indoors. "She's a homemaker," Dr. Barker says. "That's the highest compliment I can pay her."

"Her career is our home and our family," he continues. "And the things she enjoys most are those associated with the home, such as decorating, refinishing furniture and needlecraft."

The Barkers have two children, Amy, 15, and John, 12. They will reside at Line Barnitz.

If Bill's back,

BILL MINER

Meanwhile, Bill, after hearing that Joe was going to return to Rolla decided to do one better. Two weeks after their Mineshaft meeting, Bill went to the UMR Summer Employment Placement Center, eager to line up an engineering job. Taking a seat in the office of Larry Nuss, the two proceeded to review Bill's resume.

Bill knew his chances were not good of getting a job with a 0.73 GPA. Nevertheless Mr. Nuss asked Bill how he would like working with C.J.'s. Bill thought that would be great but he didn't want to go overseas. Mr. Nuss frowned and said, "Bill, what I mean is we successfully found you a job at 'Steak 'n' Shake' as a curb jockey."

The pay was fair and the hours were terrible but Bill took the job anyway. He figured he would get a lot of tips since he was a college student. As it turned out the only tip he got was to quit school.

After working hard all summer, Bill was ready to return to school. Bill felt bad because he almost needed as many hours now to become a

sophomore as he did when he was a freshman.

Late Sunday night Bill headed for Rolla. Not knowing his room assignment, he assumed it would be the same as last semester; 112 FARRAR HALL.

Bill rolled into Rolla at 4:00 a.m. and headed for the quad. Knocking on his dorm door he was shocked to see a drunk girl answer it and then fall back on her bed. Bill's brain started ticking and he thought, "Wow, a bombed chick, in my room, she must think she's in the girls' dorm! This is great, I'll just move in and watch her reaction in the morning."

Bill proceeded to unpack all his junk, including his new printer for his TI-58C. Bill's mom had to reinforce all his belt loops so he could wear his new printer to class. He then hung his Farrah and Captain America posters on the wall.

Bill's chances of finding any of his friends at 4:30 in

the morning were not good, but he decided to case the building anyway. Walking down the hall he noticed a lot of the doors and bulletins had messages and notes written by girls on them. Bill had heard the new freshman girl to guy ratio was 6 to 4 but this was ridiculous. How had all his friends gotten so many girls so fast?

Stepping into the john, Bill noticed a serious plumbing problem; where had all the stand-ups gone? And why was the bathroom so neat? This really puzzled him. He decided that the stand-ups must have been removed to save on the water bill. So thinking quickly Bill turned on all the faucets, hoping this would provide sufficient proof that this departmental stunt of removing the urinals would not save money.

Tired and confused, Bill went back to his room. Amazed that the girl was still there, Bill laid down and tried to sleep. He couldn't wait for tomorrow.

QUALITY CLEANERS

EXPERT CLEANING REASONABLY PRICED
108 W. 7th Street Rolla, Mo. 65401

All dressed up

With no place to go

By DAVE WILLIAMS

...So you think that there is nothing to do in Rolla?

Tired of sitting at home trying to figure out SOMETHING to do, besides studying? Well, the crisis is over. Sit back, relax, and enjoy as I take you for a ride through the week's upcoming activities.

Get a little pre-weekend fun in at the Rolla Drive-In, where Theta Tau will present "Slapshot," "The Fury," and several "Three Stooges" flicks. It all begins at dusk, Thursday night, September 4th. Cost: \$1.75 in advance, \$2.25 at the drive-in.

On the same night, all those interested in getting a "little high" should attend the "Sport Parachute Club's" first meeting, to be held at 7:30 p.m. in G-5 of the H-SS building. C'mon now, everyone's invited!

Friday, the 5th, offers a wide variety of fraternity bashes. Sig Ep kicks it off with their 3rd annual Pig Roast at Lions Club Park. Featured musicians are

"Rick and John," who will begin playing at 5:00 p.m. The roast however, will begin at 3:00 p.m. and last until 8:00 p.m.

After the Pig Roast, be sure to drop in Tech Engine's "Street Dance," which begins at 8:00 p.m. Featured musicians will be "The Nyckels." Rumor has it that "refreshments will be available."

When you are ready to throw in your dancing shoes, drop by Lambda Chi's party at their place. This one goes til 1:00 a.m., so be prepared to party 'til you drop!

Spend Saturday recuperating at refreshing Lane Spring or Meramec Spring. Bring a picnic lunch,

a frisbee, or a football for a little entertainment before you jump into the icy spring for a total cooling experience.

Sunday, September 7, the SUB presents it's "Watermelon Spectacular" at 2-4 p.m. at the hockey puck. Join in the fun and festivities while enjoying a favorite summer treat.

Finally, those interested in joining a bowling league should be at the Colonial Lanes on Monday the 8th from 9-12 p.m. For further info., call Randy at 364-2646.

So there you have it. A whole weekend of fun and adventure ... take advantage of college life!



SPECIAL

More Burger Than Bun!

SINGLE 59¢

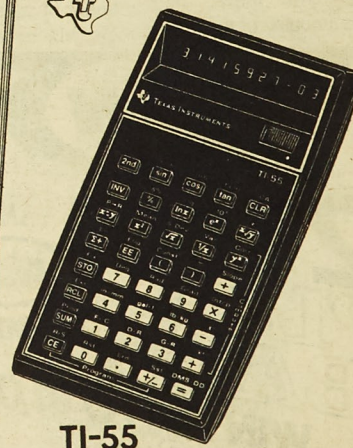
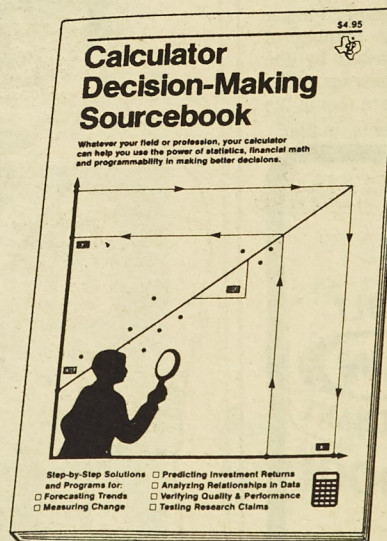
No Coupon! No Limit!

Coupons Void With This Offer

Dairy Queen Braizier
1303 N. Bishop, Rolla
364-7200

* U.S. Pat. Off. Am. D.Q. Corp. Copyright 1980 Am. D.Q. Corp. Mpls. MN. Printed in U.S.A.

Texas Instruments advanced slide rule calculator with programmability



TI-55. Versatile slide rule calculator and "how to" book combination for statistical and mathematical problem solving — with simple programmability.

Advanced TI-55 capabilities include programming, plus a unique blend of hardware and software support features. Easily handles almost any mathematical operation, from logarithms and trigonometry to more advanced statistical problems. Easy-to-understand 140-page *Calculator Decision Making Sourcebook* shows you how to use the power of statistics, financial mathematics, and programmability in making better decisions, whatever your field or profession. Step-by-step examples cover analyzing relationships in data, verifying quality and performance, measuring change, forecasting trends, testing research claims, and projecting investment returns.

Campus Book Store

205 W. 12th Rolla

Can Joe be far behind?

The saga continues

JOE MINER

At last if you remember Joe had met Bill at the Mineshaft during finals week. Joe, getting so blasted and thinking he was seeing himself told himself he was going to quit school.

But, over the summer Joe's mom, Mrs. Marion Miner, convinced him to return to school for at least one more semester to raise his grade point, or, at least get one.

Joe told his mom the only thing he can get at UMR is drunk and the only thing he can raise is a beer, but he agreed to return anyway. If nothing else he would get initiated back at the EAT house; knowing that since he didn't make grades he would have to chew on dirty underwear during the entire ceremony. But that didn't bother Joe, not after eating the food at the EAT house for a whole year, and knowing the alternative was working on his uncle's pigeon farm as a messenger. No, Joe wanted to return to Rolla, become an active EATER and maybe an engineer.

Arriving in Rolla Joe found he was already two weeks behind in school. But it didn't matter since he had dropped all his pre-requisites for his pre-registered classes. Joe realizing this, got a six pack, box lunch and a lawn chair and headed to Parker Hall to get a drop slip. After waiting 5 1/2 hours in line he found he was in F thru L and had to go to M thru R.

Extremely mad at the "U", Joe headed back to the

EAT house. Coming in the front door, he found his brothers were still at it as he was met by a barrage of flying food and dirty clothes.

Joe, not being allowed to go upstairs because it was closed to pledges for purposes of setting up for initiation, went down to the bar to slam a few beers.

This was Sunday afternoon and Joe still had to make out a schedule. Not being on the best of terms with Dr. Roberts, he figured he'd better try and take one of his classes. CE 241 would suffice. Three hours seemed like a waste of time so he decided to take Math 4 and Logic too.

So Joe, with schedule in hand, headed back up to the "U" to get his advisor's initials. About halfway he heard a mass of people yelling "EAT me, EAT me," and before he realized what it was, he got hit with a trash can full of water, thrown to the ground and peanut buttered by APE pledges. Yes, Joe had walked right into the middle of water fight.

Regaining consciousness Joe headed to the CE building to talk with Ramire Vasquelas his advisor. Handing him the wet, soggy drop-add slip, Dr. Vasquelas told Joe he was a pitiful sight and to clean the peanut butter out of his ears so he could hear what he had to say.

Joe got his slip signed and went back to the EAT house. He heard from some of the actives that APE was having an open party.

Joe grabbed his mug and

headed over to the APE house for the Jungle Party. At the party Joe met a freshman girl who had never had beer before. After about 9 beers Anita Tikerelli was bombed on her butt.

Joe being the nice guy he was decided to walk her to her room. After sobering up enough to walk and talk, Anita told Joe her room was

112 FARRAR HALL. Joe thought he used to know somebody who lived there but couldn't quite remember who.

So Joe dropped her off at the door, got a good night burp and left her lying on the bed. Puzzled, Joe returned to the EAT house and passed out in the basement.

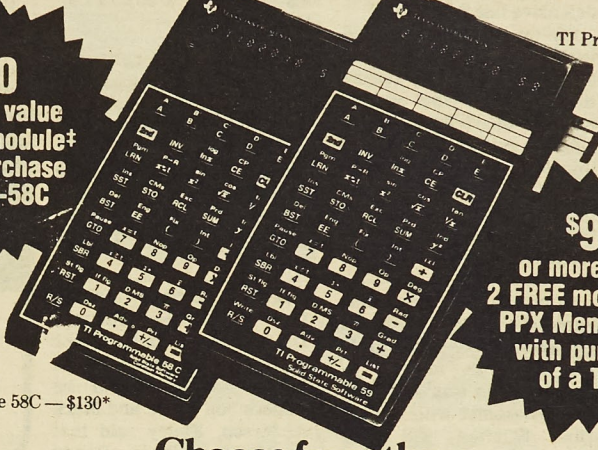
Excuse Me

I'd like to take a moment to talk to your about something, ah personal. You've no need to be ashamed of your wants, needs, and desires. No doubt many members of our community share them. Find your fellow travelers through a free Miner classified. Submit your ads by nine p.m. Monday and by Thursday, well you never know.

SPI, AH Games • D & D Supplies
ROLLA CRAFT & HOBBY
1009 Pine Rolla, Mo. 364-5581

Buy now and get FREE Solid State Software Libraries.

\$40
or more value
1 FREE module*
with purchase
of a TI-58C



TI Programmable 58C — \$130*

\$98
or more value
2 FREE modules* &
PPX Membership
with purchase
of a TI-59

TI Programmable 59 — \$300*

Choose from these.

- APPLIED STATISTICS MODULE
- R & I INVESTMENT MODULE
- SURVEYING MODULE
- MARINE NAVIGATION MODULE
- AVIATION MODULE
- LEISURE LIBRARY MODULE
- SECURITIES ANALYSIS MODULE
- BUSINESS DECISIONS MODULE
- MATH UTILITIES MODULE
- ELECTRICAL ENGINEERING MODULE
- FARMING MODULE
- RPN SIMULATOR MODULE
- POOL WATER ANALYSIS MODULE

A special breed.



What does it take to be a Marine officer? It takes strength, agility, coordination, endurance, intelligence, moral and physical courage. It takes desire, determination and grit. Above, all it takes the ability to lead other Marines under conditions of extreme stress. In short, it takes a special breed of man. If you have what it takes, we'll bring out the best in you. See CAPT Henderson on campus in the University Center on 8, 9, 10, and 11 Sept. from 9 a.m. to 4 p.m. or call (816) 374-3031 collect.



The Few. The Proud. The Marines.

TI Programmables lead the field in performance, quality and value. You don't have to know how to program to get all the benefits available with a TI Programmable. These solid state library modules are preprogrammed to help solve problems in: Engineering. Business. Finance. And other math oriented courses. With up to 5,000 program steps in each module you can save your own personal programming for those classes which need it most.

The TI-59 has up to 960 program steps or up to 100 memories. Magnetic card read/write capability lets you record your own custom programs or those received from PPX (Professional Program Exchange.)

The TI-58C features up to 480 program steps or 60 memories. And it has TI's Constant Memory™ fea-

ture that retains data and program information even when the calculator is turned off.

And free modules now give you that edge you need to succeed. From August 15 to October 31, 1980 is your special opportunity to purchase one of the world's most advanced programmable calculators. And get a minimum of \$40 worth of free software modules with a TI-58C. Or, when you buy a TI-59, get a minimum of \$80 worth of software modules and an \$18 one-year membership in PPX. This will allow you to select up to 3 programs (from over 2,500) written by professionals in your field of study.

Visit your college bookstore or other TI retailer for more information, and let him help you select the TI Programmable and free software that's right for you.

☐ I've bought a TI-58C, send me my free module. Here is my first choice and an alternate.
☐ I've bought a TI-59, send me my two free modules and my membership (which entitles me to select three programs from the source catalog at no charge). Here are my module choices and an alternate.

1 _____
2 _____

Send to: TI Library Offer, P.O. Box 1984, Lubbock, TX 79408.

Return this coupon: (1) with customer information card (packed in box); (2) a dated copy of proof of purchase, between Aug 15 and Oct 31, 1980 — items must be postmarked by Nov 7, 1980.

Name _____
Address _____
City _____ State _____ Zip _____

Calculator Serial Number (from back of unit) _____
Please allow 30 days for delivery. Offer void where prohibited. Offer good in U.S. only.

*U.S. suggested retail for all libraries is \$40, except Farming, \$55, and Pool Water Analysis, \$45.
**For use with TI-59 only.



Texas Instruments technology — bringing affordable electronics to your fingertips.

TEXAS INSTRUMENTS
INCORPORATED

Miners open against William Penn

By DAVE ROBERTS

William Penn College has been somewhat less than intimidating in the UMR football team's season opener the past two years. But the Statesmen will most likely be improved this year — they would have to really try hard to get any worse.

The Miners started the season with a bang last year by taking a 43-0 laugher from William Penn. The season before UMR also won in shutout fashion, 20-0. After being outscored 63-0 in two years the Statesmen shouldn't have a difficult time with self motivation when they face UMR Saturday at Jackling Field. Kickoff is slated for 1:30 p.m.

Miner head coach Charlie Finley looks for a little stiffer competition from William Penn this year. "They were mainly a freshmen and sophomore team last year and this year with all those returners they should be a lot better," Finley said. "I look for them to be much improved. It should be an interesting contest."

William Penn had a 2-8 mark last season and return only seven seniors. William Penn has 20 freshmen and 11 sophomores on its roster this season.

The Statesmen run a wishbone offense and have big backs. The starting halfbacks are juniors Gary

Swanson (6-0, 205) and Richard Baskerville (6-3, 190), the fullback is sophomore Warren Loving (6-3, 210) and the quarterback is senior Tim Means (6-0, 185).

"They should be a little more potent on offense this year," Finley said. "They're a wishbone team with big backs. Last year with the inexperience they really didn't pose that big a problem for our defense."

Finley also said that William Penn is much bigger on the offensive and defensive line than is UMR.

Finley has been pleased with the performances of his offense and defense during the preseason. What worries him is the team's depth, which is suffering because of injuries. "Depth is our main problem," he said. "Our depth is really not good at this time, especially in the offensive and defensive lines."

Offensive linemen Bob Sonntag and Kevin Griesemer have both been plagued with injuries — Sonntag with a groin injury and Griesemer with bruised ribs. Sonntag will play tomorrow and Griesemer is still questionable according to Finley.

The wide receiver position has been shaken by knee injuries. The top two receivers, sophomore Scott Teter and senior Jeff Walters have been bothered with knee problems. Teter's

injury is more serious and he is expected to miss the entire season. Walters will need an operation after the season but will start at wide receiver and do the punting tomorrow.

The offensive backfield has also been touched with injuries.

Brian Paris, a second team MIAA all-conference fullback last year, has a broken arm and could be red shirted. Also junior tailback Oscar Berryman is out with a bad ankle and Finley said his injury is "a day to day thing."

Paris rushed for 637 yards and scored nine touchdowns and Berryman gained 530 yards for the Miners last season. But Finley has people he thinks can fill the void. "We're going to have to lose about three more backs before we're hurting there," he said.

Senior tailback Jimmie Lee and junior fullback David Fischer will be the starters. Also seeing action in the backfield will be juniors Jon Falke and Mark Anderson. Finley said that freshman tailback Randy Shed might be worked in the William Penn game.

Dennis Pirkle, who has been dueling fellow sophomore Chris Nisbet for the starting quarterback job since the middle of last season, will be the Miner's season opening singal caller.

Finley calls Pirkle a high percentage passer who has shown mobility. If Pirkle struggles Finley won't hesitate to bring in Nisbet, who has a strong arm and can pass long.

The only freshman to crack the UMR starting lineup is Scott Stephens at tight end. He is backed by sophomore Keith Markway. Finley doesn't think that inexperience will hurt. "I wouldn't say tight end is a weakness," he said. "They are both pretty good players."

UMR had problems moving the ball with consistency last year and finished with a 7-3-1 mark. Finley thinks the offensive production will be greater

this season. "I feel the offense will be improved," he said. "We need to stay away from anymore injuries."

The pride of Miner football in recent years has been its defense and Finley looks to again field a strong defensive unit.

Starting at defensive end are junior Paul Suellentrop (6-3, 218) and senior Kelly Rudolph (6-2, 208), the tackles are sophomore Bob Pressly (6-3, 216) and senior Steve Bridgman 96-2, 218) and the noseguards senior Mat Stone (6-2, 210). The linebackers are senior MorrisHervey (6-0, 192) and junior Todd Fizer (5-10, 192).

The defensive backfield, which has been the MIAA's best for two years, includes

seniors Craig Heath, Bill Grantham, Steve Teter and Hal Tharp. Heath and Grantham have been in the Miner defensive secondary since their freshman years.

Here is the UMR schedule:
Sept. 6 — William Penn
Sept. 13 — at Missouri Valley
Sept. 20 — Pittsburg State
Sept. 27 — at Evangel College
Oct. 4 — Lincoln (homecoming game)
Oct. 11 — at Northwest Missouri State
Oct. 18 — Southwest Missouri State
Oct. 25 — at Central Missouri State
Nov. 8 — Southeast Missouri State (University Day)
Nov. 15 — at Northeast Missouri State

Sports

Thursday, September 4, 1980

The Missouri Miner

Page 12

Kickers looking good

By GERRY SCHNITZLER

The NCAA Miner Soccer squad, formerly coached by Don Pearson, will be guided by Coach Paul McNally this year. In NCAA play the game consists of two 45 minute halves of aggressive soccer play.

This year the team will open play on Saturday at Washington University in St. Louis. The game begins at 1:30 p.m. Coach McNally observed Wash. U. and Avila play each other on September 1st and feels that UMR can be competitive with these teams. Wash. U.

looks very good all around, midfield being the only lacking area, along with consistent team play.

Returning from last year: Neil Haberberger, Christ Philipp, Jim Whetsel, Pat Becker, Sean McDermott, Briant Grant Donny Anselm (leading scorer), Dan Blase and Matt Narginski.

In the goal position this Saturday will likely be Guy Steensgard. Mike Sims will likely also see some action. Freshman Matt Budd will be in the starting defense.

Steve Sawers as well as Rich Ball will see action this

season.

This year the soccer squad have good defensive depth, but the midfield and front lines are not as well supported by subs. Playing time experience will hopefully give the team depth, along with injury-free play.

The Board of Curators has set aside funds to build a soccer facility just south of the football locker rooms. The field should be completed by next year at this time.

The team will again play on the baseball outfield this year.



"It takes two to tango"

(Photo by Rich Bee)

Soccer Schedule

Date	Place	Time
Sept. 6	at Wash U	1:30 pm
Sept. 10	vs. Harris Stowe	4:30 pm
Sept. 13	vs. Rockhurst	1:30 pm
Sept. 20	vs. Mo. Southern	11:30 am
Sept. 26	at Avila	4:00 pm
Sept. 27	at Wm. Jewell	1:30 pm
Oct. 4	vs. Mo. Baptist	10:30 a.m
Oct. 11	MIAA Tourney	SL
Oct. 12	MIAA tourney	SL
Oct. 18	vs. Central Methodist	11:00 am
Oct. 23	vs. Creighton	4:00 pm
Oct. 25	at Maryville	1:30 pm
Oct. 26	at Lindenwood	2:00 pm
Nov. 1	vs. UMKC	1:30 pm
Nov. 8	at NEMO	TBA
Nov. 15	vs. SWMO	1:30 pm



"Which practice is football?"

(Photo by Rich Bee)

A black and white photograph of a water polo match. In the foreground, a player is reaching out with his right arm to pass the ball to a teammate who is partially submerged. Several other players are visible in the pool, some with their heads above water and others submerged. The pool has a tiled edge.

UMR water polo is a club sport, meaning that if the team were highly competitive they could only go to the Eastern Championships and not the NCAA finals. The team features several returning starters and some upcoming, good looking prospects.

The sport is fast and furious much of the time and fun to watch. The Miner's schedule this year follows.

Water Polo is played with

Miners take the plunge

(Photo by Rich Bee)

DATE	1980 UMR WATER POLO SCHEDULE	LOCATION
Sept. 13	Principia	Elsah, Ill.
Sept. 19-20	Saluki Invitational	Carbondale, Ill.
Sept. 26-27	SEMO Invitational	Cape, Mo.
Oct. 3-4	UMR Invitational	Rolla, Mo.
Oct. 10-11	Ark. Invitational	Little Rock, Ark.
Oct. 18-19	IND. Invitational	Bloomington, In.
Oct. 24-25	CMSU Invitational	Warrensburg, Mo.
Nov. 1	Miss. Valley Invit. +	Carbondale, Ill.
Nov. 8	Mid-Eastern Championship	Chicago, Ill.
Nov. 15-16	Eastern Championship	West Pnt, N. Y.

+ UMR is defending champ.

Jacobs, a 5-foot-9 forward, averaged 15.5 points per

"I think she has the chance to make good, and I'm real pleased that we have

"Gail had impressive statistics, and is supposed to be a good jumper who moves well without the ball," Caruso said.

We've Moved to Serve You Better
Come visit us at our new location
1200 Pine Rolla 364-5495

And when you need them: Memory Modules—plug-in modules for storing programs and data; an “extra smart” Card Reader; a Printer that prints upper and lower case alpha plus special characters and does high resolution plotting; the Wand to input programs in bar code form (available early 1980); Application

Free Memory Modules \$45 Value

205 W. 12th Rolla

* thru 9/19

SEMO picked to win

MIAA NEWS

In one of the closest pre-season polls ever conducted by the MIAA, the seven coaches tabbed Southeast Missouri State to win the 1980 conference title.

Coach Jim Lohr's team edged runnerup Northwest Missouri, the defending league champion, by one

point (41-40) and the third-place pick, Southwest Missouri, by two points (39). Southeast is returning 12 starters from last year's club, including third team Little All-America defensive end Mike Gohn.

The Indians collected four first-place votes, and

Northwest was the choice on two ballots. Southwest received the other vote for the top spot.

MIAA coaches believed Northeast Missouri would finish fourth this fall, followed by Missouri-Rolla, Central Missouri and Lincoln University.

Team	Positions							Total Points
	1	2	3	4	5	6	7	
SE Missouri	28	6	0	4	3	0	0	41
NW Missouri	14	12	10	4	0	0	0	40
SW Missouri	7	18	14	0	0	0	0	39
NE Missouri	0	6	14	4	6	0	0	30
Missouri-Rolla	0	0	4	12	6	2	0	24
Cent. Missouri	0	0	0	0	0	11½	1	12½
Lincoln U.	0	0	0	0	3	1½	5	9½

Points awarded on 7-6-5-4-3-2-1 basis.

POOL HOURS SCHEDULE (FALL, '80)

MONDAY - FRIDAY

11:30 a.m.-3:30 p.m.
3:30 p.m.-7:00 p.m.
7:00 p.m.-9:00 p.m.

Student & Faculty
Varsity Practice
Student & Faculty
(Friday - Faculty only)

SATURDAY

1:00 p.m.-7:45 p.m.
Student & Faculty
(Aug. 20 - Nov. 3)

10:00 a.m.-9:45 p.m.
Student & Faculty
(Nov. 3 - Xmas Vac.)

SUNDAY

1:00 p.m.-4:45 p.m.
Student & Faculty
(Aug. 20 - Nov. 3)

1:00 p.m.-7:45 p.m.
Student & Faculty
(Nov. 3 - Xmas Vac.)



Wednesday Night Special 6:00-9:30

Singles 30¢

Doubles 60¢

Sundaes 45¢

Forum Plaza Shopping Center

ECKANKAR—What is it?

As a way of life ECKANKAR provides the spiritual tools that will enable you to understand and experience your divine self, and the heavenly worlds of ECK in this lifetime.

With ECK you learn to live in harmony with life and handle your day to day situations from a higher viewpoint, with the joy that comes with Soul.

For more information write: ECKANKAR,
P.O. Box 1644, Rolla, MO 65401.
Or Call Craig at 364-9818

M-Club Meeting

Tonight 7:00 p.m.

Room 121 M.E.

Refreshments
Served



By Steve Shagan

BOOKS & THINGS

Forum Plaza Shopping Center Rolla, MO 364-5432

This terrifying mosaic of international conspiracy, OPEC and Big Oil is founded in fact. It tells a chilling story that rivals Robert Ludlum and Frederick Forsyth about a Nazi formula for synthetic oil that disappeared after World War II.

\$2.75 Paperback

Sports I.Q.

1. Name the New York Giants starting quarterback.
2. Danny Pittman is a rookie wide receiver for which NFL team?
3. Dick Butkus is in the NFL Hall of Fame. What team did he play for?
4. Name the coach of the Baltimore Colts.
5. Where do the Green Bay Packers play their home games?
6. Hall of Famer Rogers Hornsby appears on the all-time home run list as a second baseman for three different National League teams. Can you name them?
7. True or false. Paul Blair played for the Orioles, Yankees and Reds.
8. Mike Ferraro is a third base coach for which A.L. team?
9. John Fulgham is a pitcher for which N.L. team?
10. What sport do you associate Mitch Kupchak with?

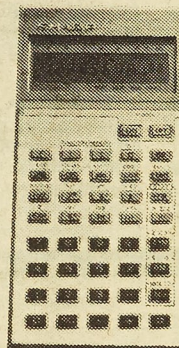
answers

1. Phil Simms
2. New York Giants
3. Chicago Bears
4. Mike McCormack
5. Lambeau Field, Green Bay and Milwaukee County Stadium
6. Boston Braves, Chicago Cubs and New York Giants
7. True.
8. New York Yankees
9. St. Louis Cards
10. Pro basketball

TV COMPULOG SERVICES, INC.

NEW LCD PROGRAMMABLE SCIENTIFIC

The 5813.



\$39.⁹⁵

30-step programmable scientific calculator with 15 parentheses and 9 statistical functions. High visibility 8-digit, scientific notation, 8 mantissa/2 exponent LCD. 7 memories plus Safe Guard.™ Scientific functions: trigonometric, inverse trigonometric, logarithmic, degrees, radians, gradients and degrees to decimal. Statistical functions: data, correct data, number of samples, Σx , mean, Σx^2 , standard deviation. Automatic Power-Off. Vinyl wallet with scratch pad, batteries and instruction book.



IUD, HUD, LTD, CIA, NFL, IRA...

which feature would you rather
have on your calculator?

Campus Book Store

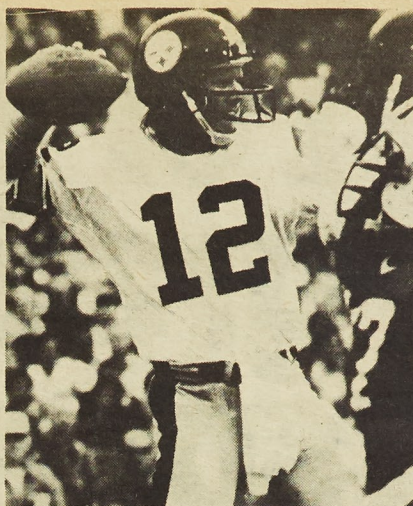
205 W. 12th Rolla

Harriers optimistic

By JOHN DANIEL
The UMR Cross Country team will open the 1980 season at the University of Missouri-St. Louis on September 6. The Miners are expecting to have another successful year since the squad is returning six lettermen. However, the 1980 season will present several tough challenges.
Eastern Illinois, always one of the top teams in the nation, will be in Rolla for

the October 11 Miner Invitational. Westminster College and Washington University will also be at the meet along with MIAA foes Northeast Missouri, Southeast Missouri, Central Missouri, Lincoln University, and the University of Missouri-St. Louis.
Seniors Glenn Heeter and Brent Haefner lead the group of returning lettermen. Heeter qualified for the 1979 NCAA Division II

national meet; however he is currently out with an injury, and Haefner is the UMR course record holder.
Junior lettermen Danny Brown and Mark Stucky also return to the team, along with sophomore lettermen Todd Blackford and David Moore. Pete Lichtenwalner and Steve Dopski also return from the 1979 team. Newcomers include Keven Stock, Jim Bullard and Dan Marley.



NFL FOOTBALL

Pittsburgh Steelers QB Terry Bradshaw will lead the defending Super Bowl champions into action when they meet their bitter AFC Central Division rivals, the Houston Oilers, in the featured game of NBC Sports' opening week NFL double-header, **SUNDAY, SEPTEMBER 7.**

CHECK LISTINGS FOR EXACT TIME.

University of Missouri-Rolla 1980 Cross Country Schedule

Sept. 6	University of Mo-St. Louis	There	11 AM
Sept. 13	School of the Ozarks	Rolla	11AM
Sept. 20	SIU-Edwardsville In-vitational	There	11 AM
Sept. 27	Westminster College & Evangel	Rolla	11 AM
Oct. 3	All Missouri	Columbia	5 PM
Oct. 11	Miner Invitational (Eastern IL, NEMOU, CMSU, SEMOU, Lincoln U. UMSL, Westminster Col., Wash. U)	Rolla	11 AM
Oct. 18	SMSU Distance Classic	Springfield	11 AM
Oct. 25	UMR Invitational (UMSL, Lincoln, Evangel, Central Methodist, Southwest Baptist)	Rolla	11 AM
Nov. 1	MIAA Conference & NCAA Regionals	Cape G.	11 AM
Nov. 15	NCAA Division II Nationals	Kneesho, WI	10:30 AM

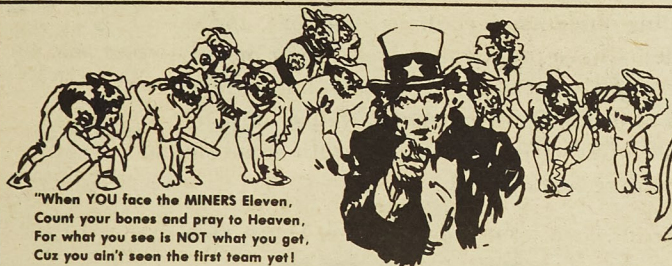


MONDAY NIGHT FOOTBALL

ABC's NFL 'Monday Night Football' will begin its second decade on **MONDAY, SEPTEMBER 8** with the Dallas Cowboys and Washington Redskins kicking off the 1980 schedule from the nation's capitol. The Cowboys-Redskins clash will be the first of sixteen Monday night games. Also on tap are four prime-time football specials on nights other than Monday—three on Thursdays, one on Sunday.

The ABC Sports commentators for 'Monday Night Football' are Frank Gifford, Howard Cosell, Don Meredith and Fran Tarkenton.

CHECK LISTINGS FOR EXACT TIME.



"When YOU face the MINERS Eleven, Count your bones and pray to Heaven. For what you see is NOT what you get. Cuz you ain't seen the first team yet!"

Bulldogs a traditional fighting name
Rolla's eleven deserves its fame.

UMR MINERS FOOTBALL
Home Games September
Sept. 6-William Penn 1:30 p.m.
Sept. 20-Pittsburg, Kan. State 1:30 p.m.

ROLLA BULLDOG'S FOOTBALL
Home Games Start Oct. 3



FREE BIC SHAVER
when you buy any breakfast entree.



Scrambled eggs, sausage and hash browns, hotcakes and sausage or Egg McMuffin.® BIC Razors packed with FREE Sundae coupon that is valid after 4 p.m. with the purchase of a sandwich. Offer starts Sept. 2, 1980 and expires approximately Sept. 28, 1980 or while supplies last. Not for distribution to children under 16 years of age.

1106 S. Kingshighway So. Outer Road
Rolla, MO St. Roberts, MO

UMR MINERS SOCCER

Home Games September
Sept. 10-Harris-Stowe
Sept. 13-Rockhurst
Sept. 20-Missouri Southern

UMR CROSS COUNTRY

Home Contests September
Sept. 13 & 27

UMR INTRAMURALS

Director of Men's Association-Dewey Allgood
Director of Women's Association-Annette Caruso
Director of Women's Association-Sarah Preston

I.M.A. OFFICERS

Men: Pres.-J. Anderson, V. Pres.-D. Brown, Sec.-B. Hoffman, Treas.-J. Lashover
Women: Pres.-Elections, V. Pres.-Not, Sec.-Held At, Treas.-This Time

UMR INTRAMURALS SPORTS SCHEDULE

1980-1981 available at UMR Athletic Dept. or McDonald's

SECRETARIES CORNER

Next regular meeting of the Rolla area NSA will be Sept. 9, 1980. Guest welcome! Call Barbara at 341.4172. Installation of new members & guest speaker. A professional group everyone will enjoy being a part of.

SECRETARY OF THE MONTH

Kris Curtain

FOR GRADE SCHOOL & JUNIOR HIGH SCHOOL

"What is the way to make a coat last?"

Answer: _____
Name: _____
Fill out and give to manager-win a bag of fries.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
BIRTHDAY PARTIES We cater to all ages. No fuss! No muss! Call us! 341-2180, ask for manager. McDonald's birthday cakes, available for home parties.	HAPPY LABOR DAY 1 Help make it a happy day for Jerry Lewis and his kids. Muscular Dystrophy Telethon ends tonight. "Drive slowly and carefully to get there. You're like family, we really care (McDonald's)"	WHISTLER'S NIGHT 2 Wolf whistle-win a bag of fries. Whistle Dixie-win a burger. 6 p.m.-9 p.m. "I scream, you scream, we all scream. For McDonald's great ice cream."	BUBBLE GUM NIGHT 3 1" bubble-win a bag of fries. 3" bubble-win a burger. 5" bubble-win a breakfast. 6 p.m.-9 p.m. "At least one major corporation can truly say. We use American beef only—the McDonald's way."	HULA HOOP NIGHT 4 1 hoop-win a bag of fries. 3 hoops-win a burger. Senior Citizen. 1 hoop-win a breakfast. 6 p.m.-9 p.m. "Get the date and now you're nervous. Take her to McDonald's for our great VIP service."	GOLDEN ARCHES CLUB 5 Archie (GA No. 110): "Do you know what happens to liars when they die?" Bill (GA No. 111): "Yeah, they lie still." "There are 7.999 drops of creamy goodness in our chocolate shakes."	DAVE'S BARBER SHOP 6 (Rolla's Clip Joint) Dave: "And how did you find the razor?" George Mason: "Didn't know I was being shaved." Dave: "You're glad I'm sure." George: "Thought I was being sand papered."
UMR MEAL PLAN 7 Sarah Preston: "I got big hearted this morning and gave a bum five dollars." Annette Caruso: "What did your husband say about it?" Sarah: "Thanks."	SLOGAN NIGHT 8 "There's more in the middle of an Egg McMuffin than an egg in the middle of a muffin." Say it in 2 seconds-win a bag of fries. 6 p.m.-9 p.m.	JOKE NIGHT 9 Get a chuckle-win a bag of fries. Make us laugh-win a breakfast. 6 p.m.-9 p.m. "Big Macs as American as mom's apple pies. Also, as popular as McDonald's great fries."	BUBBLE GUM NIGHT 10 1" bubble-win a bag of fries. 3" bubble-win a burger. 5" bubble-win a breakfast. 6 p.m.-9 p.m. "It's too late to make supper-well never fear. Use our drive thru-your family will cheer."	HULA HOOP NIGHT 11 1 hoop-win a bag of fries. 3 hoops-win a burger. Senior Citizen. 1 hoop-win a breakfast. 6 p.m.-9 p.m. "Our Quarter Pounder a gourmet's delight. For the simple reason they're made just right."	Dewey Allgood: "Gosh, but I'm thirsty." Bob Schneider: "Wait a minute and I'll get you some water." Dewey: "I said thirsty, not dirty."	Margaret (Oakmeadow's famous chef): "Didn't I tell you to notice when the soup boiled over?" Louise Maggi: "I did. It was half past ten."
UMR MEAL PLAN 14 Billy Key: "The Doc said my wife and I need more exercise, so I bought myself a set of golf clubs." Charles Finley: "And what did you buy your wife?" Billy Key: "A lawnmower."	SLOGAN NIGHT 15 "Chaosy cheese choosers always say cheese please when they choose the cheese in the cheese burgers at McDonald's." Say it in 2 seconds-win a bag of fries. 6 p.m.-9 p.m.	TRICK NIGHT 16 Card trick, win a bag of fries. Coin trick-win a burger. Make yourself disappear-win a breakfast. 6 p.m.-9 p.m. "Wake up America-it's a great day. Egg McMuffin at McDonald's, you're on the way."	BUBBLE GUM NIGHT 17 1" bubble-win a bag of fries. 3" bubble-win a burger. 5" bubble-win a breakfast. 6 p.m.-9 p.m. "McDonald's an experience you'll remember. No better time to start than this September."	HULA HOOP NIGHT 18 1 hoop-win a bag of fries. 3 hoops-win a burger. Senior Citizen. 1 hoop-win a breakfast. 6 p.m.-9 p.m. "Our McDonald's crew is tried and true. They're delighted and pleased to serve all of you."	Morris Fine: "What do you do when you feel like exercising?" Jerry Berry: "I lie down until I get over it."	Betty Franz: "Are those eggs strictly fresh?" Terry Harris to his Ass't at National Supermarket: "Feel those eggs, Lloyd, and see if they're cool enough to sell yet."
UMR MEAL PLAN 21 Tom Reuss (UMR Band Director) very upset at the brief musical criticism in the Rolla Daily News: "UMR String Quartet played Brahms here last evening. Brahms lost."	SLOGAN NIGHT 22 "Two as beef patties, special sauce, lettuce, cheese, pickles, onions on a sesame seed bun." Say it in 2 seconds-win a bag of fries. 6 p.m.-9 p.m. "Summer is over, school is cool. A Big Mac a day is the Golden Rule."	IMITATION NIGHT 23 Imitate a movie star-win a bag of fries. Imitate an animal-win a burger. Imitate a laughing hyena-win a breakfast. 6 p.m.-9 p.m. "Now that school's open and the kids went back. After school treat them to a juicy Big Mac."	BUBBLE GUM NIGHT 24 1" bubble-win a bag of fries. 3" bubble-win a burger. 5" bubble-win a breakfast. 6 p.m.-9 p.m. "McChicken popularity is no surprise. They're eaten with pleasure amid contented sighs."	HULA HOOP NIGHT 25 1 hoop-win a bag of fries. 3 hoops-win a burger. Senior citizen. 1 hoop-win a breakfast. 6 p.m.-9 p.m. "America you can sleep a little later. Breakfast at McDonald's the nation's first later."	Bill Peach (George Walsh Chevrolet) playing poker with the innocents: "This means a good deal for me," as he stacked the cards.	SECRETARIES 27 Right answer wins a breakfast. Name: _____ Answer: _____ Tear out, turn in to mgr.
UMR MEAL PLAN 28 Prof. Robert Montgomery: "But you must admit that men have better judgement than women." Dee Montgomery: "Oh yes—you married me, and I you."	CALL OF THE WILD NIGHT 29 Wolf howl-win a bag of fries. Tarzan yell-win a burger. Coyote howl-win a breakfast. 6 p.m.-9 p.m. "East side, west side, all around town, Everyone's at McDonald's nary a frown."	LAUGH NIGHT 30 Laugh for 30 seconds-win a bag of fries. Laugh for a minute-win a burger. 6 p.m.-9 p.m. "Limit 19 sundae to a customer."	CREW BIRTHDAYS Sign Stone Aug. 18-John Luntford Sept. 6-Eve Straumannis Sept. 10-Jennie Fite Sept. 13-Scott Smith Sept. 22-Marguerite Kern Sept. 23-Tim McNutt CREW PERSON OF THE MONTH DEB GADDEY			

SEPTEMBER

For better grades, spend less time studying.

We'll show you how...free.

Would you like to:

- ☐ Raise your grade average without long hours over texts.
- ☐ End all-night cramming sessions.
- ☐ Breeze through all your studying in as little as 1/3 the time.
- ☐ Have more free time to enjoy yourself.
- ☐ Read 3 to 10 times faster, with better concentration, understanding, and recall.

Evelyn Wood's reading system makes it all possible.

Evelyn Wood works — over 1 million people, including students, executives, senators, and even presidents have proven it. A free 1 hour demonstration will show you how to save hundreds of hours of drudgery this year (as well as how to increase your speed immediately with some simple new reading techniques).

It only takes an hour, and it's free. Don't miss it.

Evelyn Wood 
will open your eyes.

SCHEDULE OF FREE LESSONS THREE DAYS ONLY!

TUESDAY	WEDNESDAY	THURSDAY
SEPT. 9	SEPT. 10	SEPT. 11
4:00 P.M. and 7:00 P.M.		
ROLLA UNIVERSITY CENTER		
MARK TWAIN ROOM		

 **EVELYN WOOD READING DYNAMICS**