



28 Jan 1982

The Missouri Miner, January 28, 1982

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MISSOURY MINER

For the students of UMR

Volume 70, Number 17

Thursday, Jan. 28, 1982

Twelve Pages

Drop date moved forward

By JERRY SCHLUETER

The date to drop a class without an F has been moved forward four weeks.

Right now the policy is that a student has four weeks to drop a class without a W.D. on his transcript and 10 weeks to drop without taking an F for the course. Next fall (fall '82) you will have only six weeks to drop a class.

The good point about this is that you have six weeks to drop without getting a W.D. on your transcript. The bad point is that you have only six weeks to decide whether or not to drop.

Why the new policy? According to Professor Herrick, head of administration and academic standing for undergraduate EE's, the main reason is to

keep students from hurting their grades in other courses by trying to bring up grades in courses they're doing badly in. A student should know if he has a good understanding of a course after six weeks of class. Besides, the main reason for the drop date is not for a way to bail out of a course that you're flunking; it's a testing period for you to decide if you have

a good enough understanding of a course to take it.

Dr. Haddock, chairman of the Academic Council, feels that this new drop date will force students who are not devoted to their studies to either get serious about things and work hard or pack up and go somewhere else.

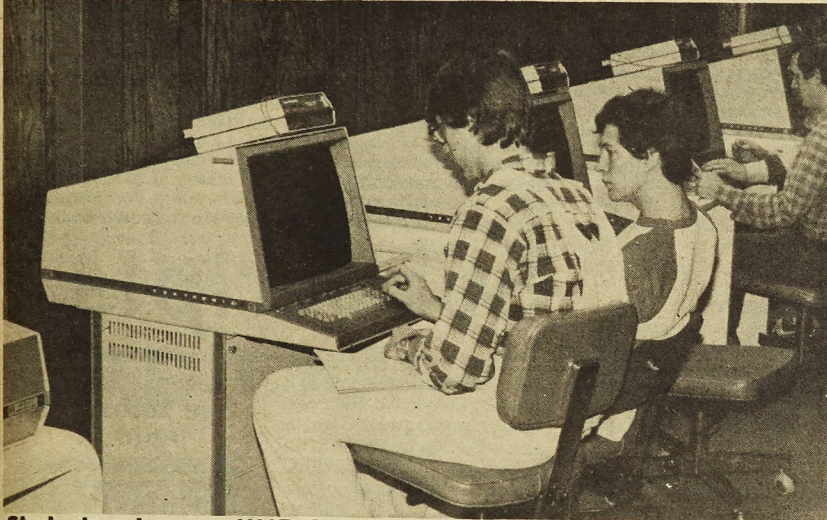
Is this new drop date

because of increasing enrollment? According to Dr. Haddock, it's not directly related to enrollment, but it is another step to keep serious students and get rid of students who aren't committed to their studies.

Along with the new drop date there is also going to be a new policy on extenuating circumstances. Starting

next fall you will have to have your advisor complete a form telling about your problem and the chairman of that department will also have to OK it. After that you will still have to have your instructor sign it.

However, the Academic Council decision is not final; it has a 30 day rescind period by vote of the general faculty if called for.



Students using new UMR Graphics System.

(Photo by Vollmer)

Services held for

Lloyd Christianson

SOURCE: OPI

ROLLA, Mo. — Funeral services were held Monday, Jan. 25, for Lloyd C. Christianson, professor emeritus of engineering technology and former chairman of the department of engineering graphics at UMR.

Christianson retired in 1972 after 26 years on the UMR faculty.

A native of Savannah, Mo., Christianson held a B.A. degree from Westminster College, and M.A. and M.Ed. degrees from the University of Missouri-Columbia. He taught at Texas Technological College,

Lubbock, and Texas Christian University, Fort Worth, before coming to UMR in 1946 as assistant professor of engineering drawing and descriptive geometry. He was promoted

See Christianson page 4.

Mini Miner

Day Care Program

By KAREN PENNEY

On July 13, 1981 the Mini Miner Child Development Center was opened to provide appropriate child care and early child development for the children of married students, staff and faculty of UMR. The center offers a structured day care program Monday through Friday from 7:30 a.m. to 5:30 p.m. for children from the ages of two to six years. Only a small fee is required to provide for the lunch and snacks that the

child is served.

The center is administered by director Karla Stringfellow and two teacher's aides. Karla has a B.S. in elementary education and a masters degree in early child development, along with a genuine interest in the children and welfare of the center.

The Mini Miner staff employs a set of child care practices and concepts that truly help a child in his learning process. The child's natural curiosity is directed by using modeling

educational toys, affection and academically developed techniques. Emphasis by the staff is placed on exploring and improving the child's self-image, ability for self-control, desire for love and affection and academic development.

The center itself is split into different learning atmospheres. Toward the back is a dynamic playroom filled with a wide variety of toys,

See Mini Miner page 3

CAD/CAM Update

By KEN DONNELLY

Thanks to the breakthrough in computers within recent years industry can now look forward to increased productivity in manufacturing with the help of CAD/CAM (Computer Aided Design/Computer Aided Manufacturing), and, most recently CAE (Computer Aided Engineering).

What began as a program undertaken by the United States Air Force, known as ICAM (Integrated Computer Aided Manufacturing), brought about to improve manufacturing productivity in the aerospace industry, may quite possibly lead to the future technique for all manufacturing.

The University of Missouri-Rolla, with the help of a grant received from the National Science Foundation, is currently developing a program which is designed to prepare students for this type of computer aided technology. The framework for this

program is presently being laid, and was incorporated into the ET 10 and ET 25 Courses in the past Fall semester. The Engineering Management department also offered a course called Computer Integrated Manufacturing which dealt mostly with the Computer Aided Manufacturing.

The Mechanical Engineering department is currently offering a course in CAD/CAM which is listed as ME 301. The course will be taught by four instructors, Dr. Thomas R. Faucett, project director of the CAD/CAM program and professor of mechanical and aerospace engineering, Dr. Richard Johnson, also of the Mechanical Engineering department, Dr. O.R. Plummer, acting director of the UMR Computer Center and Dr. Harold D. Keith of the Engineering Mechanics department.

The course is broken into four parts, the first an introduction to the drawing facilities and dealing with

CAD. The second part will be Engineering Analysis and Finite Element, which, along with the first, has the software already developed for it. The third will be an Engineering Analysis with the software developed by the student. The second and third will be incorporating CAE. Finally the course will take a look at robotics and automation for manufacturing. The University currently has a six-axis robot which is a PUMA (Programmable Universal Machine for Assembly) 600 and kits to make mini-robots which can eventually be hooked to a computer. "The Mechanical Engineering Department has a computer oriented faculty," said Dr. Faucett. Faucett also believed that the department was one of the greatest users of the computer.

The program for the

See CAD/CAM page 3



UMR Child Development Center.

(Photo by Gieseke)

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

ART SALE

Marson Ltd. of Baltimore will present an exhibition and sale of original Oriental art from 10 a.m.-5 p.m. Jan. 26-28 in the lounge area of the University Center-West at the University of Missouri-Rolla.

RAIDERS

The Raider organization will have an open meeting on Thursday, January 28 at 7:00 p.m. in the Military Science Building (T-2). Anyone interested in an exciting, fun-filled semester is encouraged to attend.

ROLLAMO PHOTOGRAPHERS

ROLLAMO PHOTOGRAPHERS will meet tonight, Thursday, January 28 at 6:30 p.m. in the Rollamo office. This semester's darkroom list will be made tonight.

ETA KAPPA NU

Eta Kappa Nu will hold a general meeting on Thursday, January 28 at 6:30 p.m. in room 105, EE Building.

UMR PHOTOGRAPHY CLUB

The UMR Photo Club is having a meeting on Thursday, January 28, at 7:30 p.m. in the Meramec Room of the University Center. At this meeting will be the election of a new vice-president, discussion of new equipment for the darkroom and projects for the coming semester. Refreshments will be served. See the classifieds for more information.

FRIDAY

SIGMA PHI EPSILON BENEFIT PARTY

On Friday, January 29, 1982, Sigma Phi Epsilon will sponsor a party in the St. Pat's gym. The action starts at 9:00 p.m. with the Silver Star Band playing all night long. With this, plus all the beer you can handle until 1:00 a.m., you can't go wrong for just a \$2.00 admission charge. All proceeds will go to the Cerebral Palsy School of Rolla.

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.

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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 distribution on Thursday.

THE MISSOURI MINER

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

CO-OP ASSOCIATION

The Co-op Association will be having its first social gathering of the semester on Friday, February 5. For more information contact Doug at 341-2879 or Cathy at 341-3508.

SUB SHOW

Friday, Jan. 29, at 8 p.m. David Willis, magician will be appearing at Centennial Hall. Soda and popcorn 10 cents see SUBscripts.

CANOEING COURSE

A few places are left in the Canoeing Fundamentals course offered for the first time this semester. River safety, rescue techniques and trip organizing are included, along with paddling skills. A 100-yard swim is the only prerequisite, and the course fee is only \$30 including 3 river trips. The next class meeting is 1:30 p.m., Friday, February 5, in Room G-26 of the Multi-Purpose Building. More information is available from Coach Pease at 341-4108.

SATURDAY

THETA TAU

Anyone interested in interviewing for Theta Tau Omega should attend a smoker on Saturday, January 30 at 2:00 p.m. at Kappa Sigma. Applications will be available at the smoker and behind the candy counter in the Union. For any questions call Jeff Nelson at TKE.

SUNDAY

JOY LUTHERAN STUDENT ORGANIZATION

The JOY Lutheran Student Organization is hosting a "Welcome Back" skating party to be held Sunday, Jan. 31 at the Magic Lantern Rink. Car pools will begin forming at the Lutheran Campus House (805 W. 11th St.) at 1:15 p.m. We invite all members and guests and encourage everyone interested to join us for an afternoon of skating and getting acquainted with the JOY Group. Following the skating, at 5:00 p.m., a cost supper will be held at the Campus House.

The JOY Group looks to be very active this spring and we invite everyone to become a part of our service and fellowship.

MONDAY

UMR FLYING DISC SOCIETY

ATTENTION FRISBEE ENTHUSIASTS!! We are proud to announce the campus wide opening of the first university recognized Frisbee Club. The UMR Flying Disc Society will hold its first open campus meeting on Monday (Feb. 1, 1982) at 6:00 p.m. in room 114 of the C.E. Building. All interested persons are asked to attend this organizational meeting. If you have any questions, call Clyde Dennis, Pres. (364-3965).

TUESDAY

VETERAN'S CLUB

A meeting will be held Tuesday, Feb. 2, at 4:30 in room 206 Norwood Hall. A T-shirt emblem contest will be held with a big prize going to the best emblem!! Dues for second semester will be taken.

C. L. DAKE

The C. L. Dake Geological Society will meet Tuesday, Feb. 2, at 7:00 p.m. in 305 Norwood Hall. Non-members interested in geology are invited to attend.

ACM KEYPUNCH CLINIC

The Association for Computing Machinery Student Chapter will sponsor a keypunch clinic for any interested in learning how to use an IBM keypunch. The clinic will be held on Feb. 2, 1982. It will be held in room 108 of the Math/Computer Science building from 6:30 p.m. to 9:00 p.m.

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tion of the principles of individual liberty upon which this country was
founded.

ROLLA CLINIC

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WEDNESDAY

CO-OP ASSOCIATION

The Co-op Association will be having a meeting Wednesday, February 3 at 7:00 p.m. in the Meramec Room, University Center-East. The guest speaker, Norman Pera from Inland Steel, will discuss co-op and permanent employment with his company. Memberships will be taken, and refreshments will be served. Anyone interested or presently enrolled in the co-op program is welcome to attend.

IEEE

The IEEE will be holding its first meeting of the semester on Wednesday, February 3rd at 7:00 p.m. in room 105 EE. Steve J. Bergtholdt of Chervon will be giving a slide presentation entitled "Without EE's, the Oil Doesn't Flow: EE Careers in the Oil Industry." Refreshments will be served afterwards. All members are encouraged to attend.

ALPHA CHI SIGMA

Applications to pledge Alpha Chi Sigma are now available outside the Chemical Engineering office. They are due by Wednesday, February 3. All Ch. E., Cer. E., Met. E., Life Sci., Chem. and P.E. majors are welcome to apply. If you have questions, call Mike at 364-8994.

ACM

ACM will hold their first meeting of the semester on Wednesday, February 3rd in room G-5 Hum./S.S. at 7:00 p.m. The guest speaker will be Mr. Terry Bollinger from McDonnell Douglas. He will speak on how the programming languages, ADA and PL/1, differ from each other. Memberships for this semester will be available after the meeting. Refreshments will be served after the meeting. Everyone is invited to attend.

NODAY

THETA TAU OMEGA

Theta Tau Omega is now accepting applications for membership. To be eligible, you must have completed a minimum of 50 hours and be enrolled in an engineering curriculum. Applications are available at the candy counter. There will be a smoker on Jan. 30 at Kappa Sigma for all applicants with interviews on Feb. 3. Forms are due no later than Jan. 30 at the smoker or by way of a Theta Tau member.

Subscripts

David Willis a magician will perform January 29 at 8 p.m. in Centennial Hall. See this refreshing approach to the art of Hocus Pocus to be presented by David Willis. David is a unique comic magician. Blending sparkling humor with slight-of-hand, he performs various impossibilities with a cheerful disregard for the laws of nature. Illusion, stand-up comedy, and a lot of audience interaction are combined for a wide array of delights, from card rising out of an audience member's hand to the unlikely appearance of Sidney Skunk (the world's only skunk impressionist.)

Movie — Blazing Saddles, Sunday, January 31 at 4 and

6:30 p.m. in Centennial Hall. Outrageous, uproarious and
**See Subscripts
page 5**

UPTOWN
TELEPHONE 364-1857

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11 p.m.

Sensual Fire

No One Under 18
Admitted
No Passes

FOR THE BEST SIGHTS
AND SOUNDS IN ROLLA

Mini Miner helps children develop

from page 1

and in one corner a small stage for plays. The child can play with whatever he wants but emphasis is placed on role models. The children typically imitate the models of mother and father. Going shopping or to the bank or playing house are common.

Activities are planned to help the children learn more about their environment. One activity taught the children the proper places for food and household

items. It may sound rough for the college students, but it is an accomplishment for a three year old.

Another room is the science room. A fish tank and guinea pig are the inhabitants of the room. Some science experiments are done to stimulate the children's intuitive thinking powers. This past week a bowl of ice along with a bowl of water were placed outside. On a day when the temperature was around 32°

F the children were asked when the ice would melt and if the water would freeze. They were surprised when the ice did not melt as they had predicted.

There is also a reading room with an assortment of books and records available for the children to look at and as teaching aides. The younger children learn parts of the body, color recognition and counting people and objects to develop math concepts. The older children

learn to sound out and recognize the letters of the alphabet. In this environment peer pressure plays a large part. Only one boy could read at the time a wet paint sign was hung. The rest of the children, wanting to read the sign also, asked that the next letters to be learned be w and e and t.

A large outside play area is available for the children to roam around in on weather permitting days.

Even during snack time

and lunch the child is learning. The child must clear his or her plate and push in the chair. Also a spirit of sharing is encouraged by the rule that no one eats until everyone is served.

The facilities and curriculum meet or exceed state requirements for day

care centers for children three to six in age. Every half hour a new activity is planned to hold the child's interest.

The center is located at 608 West 11th Street. For more information the phone number is 341-4923.

News Briefs

STUCO Accepting Applications

The UMR Student Council is once again accepting applications for spring appropriations to campus organizations. Up to \$1,500 is available to organizations filing requests, and \$1,000 is

available for non-varsity sports organizations. Organizations making requests must not receive any student activity fee money, and must be prepared to supply pertinent financial information as well as demonstrating their benefit to the student body.

Appropriations are granted to help new organizations get started (or

assist those organizations which have deteriorated), or help those organizations which are inherently unable to support themselves. Any campus recognized organization may apply for appropriations, however preference will be given to those organizations which did not receive fall appropriations.

Applications are available on the door of the Student Council Office at 202 University Center-West. They may be returned no later than January 29, 1982, at noon, and absolutely no late applications will be accepted. For questions, please contact John Minicky at 364-9885 or call the Student Council office at 341-4280.

CAD/CAM

from page 1

Mechanical Engineering department is designed to enhance the underclassmen with the opportunities of CAD/CAM and CAE, which will lead to a concentration in this area and finally to courses dealing with specifics offered to seniors and graduate level students. This will be part of the overall program which began last summer and is expected to be completed in February of 1984.

Some problems which arise in this project will be due to transfer students who will be entering in the midst

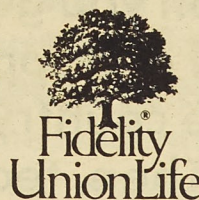
of the program. Another problem lies in the software. Each industry tends to develop their own software for CAD/CAM and are loathe to let other utilize it. Therefore, while the student will be offered the opportunity to get a working knowledge of the development of the software his introduction to the industries facilities may not fully come until his acceptance of an offer with that firm.

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Sun. 2 p.m.-9 p.m.
Forum Plaza Shopping Center
Rolla

What, you may ask, is a TASTY TATER? We start with a huge potato (approximately one pound each), and bake it 'til it's done to perfection. Then we add golden melted butter and our own special seasonings, and mix them together to produce a fluffy, delicious texture. Then we add the topping that you select from our many tasty combinations:

- No. 1 THE TYPICAL TATER—Our basic tater topped with creamy butter for the potato purist.
- No. 2 THE TYPICAL TATER PLUS—We've topped our No. 1 with grated cheese, sour cream, and sprinkled it with diced chives and real bacon bits.
- No. 3 THE CHILI TATER—This tater is smothered in hot, meaty chili, and topped with shredded cheddar cheese.
- No. 4 THE TATER-Q—For the meat lover, we've covered this tater with hot Bar-B-Q Beef and sauce, and topped it with shredded cheddar cheese.
- No. 5 PORKY TATER—We've filled this tater with hot chopped ham and grated cheese, and then we covered it all with whipped butter and sour cream.

COUPON

To help you get acquainted with our New TASTY TATERS, bring in this coupon and get a Free TATER with every TATER you buy.

SPECIAL INTRODUCTORY OFFER BUY 1 TASTY TATER AND GET ONE FREE!

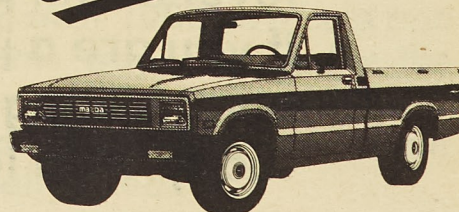
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COUPON

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AFTER GRADUATION.**

Let your career pay off while still in college: Earn over \$900 a month during your junior and senior years. Special Navy program guarantees you a teaching position after graduation. After graduation you get orientation in one of the most successful and sophisticated engineering programs in the country; plus opportunity for advancement. Then, teach college and graduate level math, physics, chemistry and engineering. If you are a junior or senior majoring in math, engineering or physical sciences, find out more today. And let your career pay off while still in college.

For more information, call the Naval Management Programs Office at: (314) 263-5000 Collect.
Mon-Fri. 8 a.m.-2 p.m.

Subscripts from page 2

IF YOU DON'T DRINK BEER.....
THAT'S NO REASON NOT TO BUY A
"ST. PAT'S" MUG HUGGER!



contagious comedy from Mel Brooks spoofing that great American tradition, the Western movie. An outstanding cast features Cleavon Little as the railroad worker promoted to candidate for hanging and then to Sheriff of the town of Rockridge. It's one hilarious gag after another.

Do you like to play foosball? Do you have a desire to travel? If so, then enter the Student Union Board Foosball tournament. Signups run until January 29th in the game room of the University Center-East. The winning team advances to the ACUI Regional tournament in Wichita, Kansas on February 19, 20 and 21. Trophies are also awarded for first and second place.

Have you always wanted to go to Las Vegas to gamble? Well, since you can't SUB will give you a chance at the tables on Friday, February 5th at 8 p.m. in St. Pat's Ballroom. There will

be games of Black Jack, Roulette, Poker and Chuck-a-Luck. Come out and test your skill against Lady Luck and win some prizes.

Student Union Board Committee applications for Spring Semester '82, are available now in room 217 University Center-West. Join now if you have innovative ideas for programming or want to help select artists for concerts, fine arts or coffeehouses. Be a part of the action in planning and conducting outdoor recreation activities — float trips, backpacking — or direct tournaments for indoor recreation. A gambler? Join special events and beat the odds at SUB's annual Casino Night. Artistic?

SUB needs you for publicity for programs. Join SUB for fun, involvement and friends. Deadline for filing applications is Monday, February 15.



Last day to get Rolla City Vehicle Stickers is February 15th

Christianson from page 1

to associate professor in 1950 and professor in 1956. He was professor and chairman of the engineering graphics department for a number of years, and was professor of engineering technology at the time of his retirement.

Christianson was a member of the American Society for Engineering

Education and served as national chairman of the educational relations committee of the engineering graphics division. He was an active member of the First United Methodist Church, Rolla.

He is survived by his wife, Frances, Rolla; a son, William, Columbia; a

daughter, Frances Long, Plano, Tex., and seven grandchildren.

GRADUATE ASSISTANTSHIPS AND COOPERATIVE EDUCATION POSITIONS

The University of Alabama in Huntsville is recognized as a quality institution closely related to the growth and development of high technology in North Alabama.

Teaching and research assistantships are available for the 1982-83 school year in the following areas of study:

- | | |
|------------------------|---------------------|
| Administrative Science | Engineering |
| Biological Sciences | History |
| Chemistry | Mathematics |
| Computer Science | Nursing |
| Developmental Learning | Operations Research |
| English | Physics |

An assistant may pursue a master's degree in any of the above or the Ph.D. in computer science, engineering, or physics; and a cooperative Ph.D. in mathematics and chemistry.

In many curricula, an assistantship may be combined with the graduate level co-op program. Assistantship stipends start at \$4,500 per academic year plus tuition. Up to \$15,000 may be earned when the co-op is combined with an assistantship.

UAH has an enrollment of 5500 students and is a cultural center in the Tennessee Valley. Huntsville is the home of the Army's Redstone Arsenal, NASA's Marshall Space Flight Center, and numerous high technology and research corporations.

Write to:



**The University
Of Alabama
In Huntsville**

Dean, School of Graduate Studies
Huntsville, Alabama 35899



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The Diehl Montgomery Student Finance Plan (The Originator of the Student Finance Plan in this Area)

This plan allows the students, upon approved credits and job, to buy a new car with nothing down and payments of \$25.00 per month until you are on the job. This plan is not new. Diehl Montgomery has sold over 1000 new cars and trucks to graduating students this way. See us for the details. Also, you can use your own insurance or ours.

This allows the graduating students to have a new car before he graduates when he really needs it.

"This is a special discount program for students. We will be glad to quote you a price on any Ford Lincoln Mercury product."

The No. 1 dealer, 32 years in the car business. Featuring the student plan. We also have rental units including a 15 passenger bus. Good for all occasions plus the entire line of Ford and Lincoln Mercury products.

"The Oldest Car Dealer In Rolla"

Features

What a way to spend a Summer!

By KAREN PENNEY

If you feel that your chances of obtaining a summer job from the placement office are unlikely to nil, there are other alternatives. The alternatives can also be more exciting than working as a grease monkey at McDonald's or as a busboy with a tub full of dirty dishes.

To help you find these summer jobs, Writer's Digest Books has compiled over 50,000 summer employment opportunities in the "1982 Summer Employment Directory of the United States," an annual directory edited by Barbara Kuroff. Some of the jobs could be teaching aboard a sailing schooner, leading camping expeditions in Colorado, clerking in a New York City costume shop or working at one of the thousands of jobs at the 1982 World's Fair in Knoxville, Tennessee. (If the World's Fair particularly interests you auditions are being held in Kansas City on Fri., Jan. 29, from noon-4 p.m. at the Holiday Inn-Center City for performers to appear in an Opryland-produced show.)

Each listing contains a brief description of the place of work, the number of jobs available, working conditions, hours, salary,

college credit availability, names and addresses of contacts, and the duration of the job. There are also included valuable articles on preparing effective applications, resumes and cover letters.

The directory is available at bookstores or send \$7.95, plus \$1.50 for postage and handling, to: Writer's Digest Books, 9933 Alliance Road, Cincinnati, Ohio 45242.

There are also job opportunities outside the United States. The American-European Student Service is offering summer jobs to American students for Germany, Scandinavia, England, Austria, Switzerland, France, Italy and Spain. The jobs consist of forestry work, child care work, farm work, hotel work, construction work and some other qualified jobs requiring more specialized training.

The purpose of the program is to afford the student an opportunity to get into real living contact with the people and customs of Europe. In most cases, the employers have requested especially for American students. Hence, they are particularly interested in the student and want to make the work as interesting as possible.

In return for his or her

work, the student will receive his or her room and board, plus a wage. But remember, wages and working conditions (hours, safety, regulations, legal protection, work permits) will be strictly controlled by the labor ministries of the countries involved.

For further information and application forms write to: American-European Student Service, Box 70, FL 9493 Mauren, Liechtenstein, (Europe).

If a job closer to home is wanted, both Worlds of Fun in Kansas City and Six Flags Over Mid-America in St. Louis are interviewing. Both are interviewing from 9 a.m. to 4:30 p.m. Monday through Friday, and 10 a.m. to 2 p.m. on Saturdays, at their personnel offices.

The jobs are filled on a first come, first serve basis so the applicants are urged to apply early.

If additional information is wanted regarding employment at Worlds of Fun, the number to call is 454-4545, ext. 244.

If helping people and obtaining work experience are high on your priority list and money very low then a job with the Peace Corps might be beneficial. Volunteers are needed in math and science education agriculture, forestry and

fisheries, home economics and nutrition, and civil engineering.

Math and science teachers are ranked highest on the most-needed list. In some developing countries, a student's ability to score high on entrance exams determines whether he or she will attend high school. It is important that increasing numbers of people in

developing nations gain post secondary education to fill the leadership positions in their countries that have opened since independence.

The work of a single skilled volunteer can trigger benefits in many areas of community life. A recent agriculture volunteer in Honduras pointed out that improving the diet of local

children resulted in better health which increased school attendance and opened the way to a better education.

If you feel you have the necessary qualifications and desires, call 800-424-8580, ext. 93, toll free, or write Peace Corps, Washington, D.C. 20525.

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STUDENT RATES MONTHLY & BY THE SEMESTER

Hwy. 72 & Pete



St. Pat's Facts

By TOM BENNEY

The Clydesdales are coming!! On March 20, these huge showhorses will stomp the green streets of Rolla as they participate in the annual St. Pat's Parade. The Clydesdales are a prized attraction and will definitely help make this St. Pat's

"The Best Ever!"

If your organization is interested in entering a non-float in the St. Pat's Parade or a freshman to pull the manure spreader, which carries St. Pat and his royal Court, contact Geoff Dubbins at the Tec Engine Dining Club, telephone 341-3517.

There are only 49 days left to get psyched. So let's see everybody out at the bars on Thursday nights to get the celebration rolling.

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8 oz. Chuck Steak	\$2.79
6 oz. Ribeye	\$3.07
8 oz. Filet	\$3.65
7 oz. Ham Steak	\$3.02
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Scooter P.I.

Nobody Leans on Scooter's Machine

SOURCE: SPI

Scooter rubbed his tired eyes as he awoke from his night's sleep. The sun seemed determined to annoy him, convincingly, into choosing not to go back to bed. He looked at the clock and decided 11:30 was as good a time as any to get up. Scooter walked into the kitchen and headed for the icebox, while grabbing the cleanest glass he could find from the sink. From the freezer he obtained several ice cubes and dropped them into the glass whereas he then produced a beer from the refrigerator. Nothing better for a hangover than beer on ice.

He proceeded to his office/living room and slumped into his favorite chair. It was only then did he notice the shapely silhouette standing outside his door. A knock quickly followed and, before he could reply, she

entered the room.

She was like no other woman he had ever met. Vivacious, enticing, with each line and curve of her body as close to perfection as he had ever encountered. Scooter tried to undress her with his eyes but found that even with his vast experiences, he was at a loss. And yet, with all this, there was still something about her he could not place. Scooter was almost too dumbfounded to say, "What can I do for you?"

"I hear that 'nobody leans on Scooter's machine,'" she said, her eyes twinkling with the statement.

Scooter wondered where she had heard this but did not pursue it. Instead, he spoke.

"Sounds like you're in trouble," Scooter said while thinking to himself that trouble was probably her middle name.

"Trouble is my middle

name," she responded as she slid into the vinyl couch next to Scooter.

Scooter smiled and said, "Tell me about it."

What she told him next Scooter found quite interesting. Her name was Devin. Her ex-boyfriend was Sphinct Rechant, Rolla tennis ace, who had the temperament of a John McEnroe. Her past, even before she had met Sphinct, was quite private, and she did not even relate this to Scooter. It seems that after finding out about her past, Sphinct had dropped her and then had begun to blackmail her, threatening to reveal her if she did not comply.

At first she was scared and paid the money. But then the demands became greater until she felt she could no longer meet them. That was when she consulted a friend who had directed her to Scooter.

Scooter, who had in-

terjected several questions, now asked, "And where can I find Sphinct now?"

"Well, since today is Thursday, he'll probably be out at Bruno's tonight,"

Devin told him.

"Okay, I'll have a talk with him," Scooter said. He then called G. B. and told him to meet at Bruno's about 9:00.

"Can I stay here till then, Scooter?" she said with a

see

Scooter page 8

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Pepperoni	\$3.50	\$4.70	\$6.00
Canadian Bacon	\$3.50	\$4.70	\$6.00
Sausage	\$3.50	\$4.70	\$6.00
Bacon	\$3.50	\$4.70	\$6.00
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<small>SAUSAGE, PEPPERONI, BEEF, GREEN PEPPER, ONION, MUSHROOM</small>			
Extra Ingredients	.45	.50	.60

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Spaghetti with meat sauce	\$2.20
with meat balls	\$2.90
Lasagna	\$2.90
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Ravioli	\$2.60

SERVED WITH GARLIC BREAD

Side Orders

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Italian Peppers	80¢

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CHOICE OF DRESSINGS: THOUSAND ISLAND, FRENCH, BLUE CHEESE, OR ITALIAN

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Greek Salad	\$1.80
Chef Salad	Small \$2.00 Large \$2.75

Sandwiches

Canadian Bacon	\$1.80
Ham	\$1.80
Meat Ball	\$1.60
Roast Beef	\$1.80
Veal Parmesan	\$2.40

SERVED WITH POTATO CHIPS

Drinks

Pepsi, 7-Up, Dr. Pepper	Beer	Mug 60¢	Pitcher \$2.75
Mountain Dew	Milk	Small 35¢	Large 45¢
Glass 40¢ Pitcher \$1.75	Hot Tea	40¢	
Coffee	Hot Chocolate	40¢	
Iced Tea	40¢		

Child's Plate — under 10 years of age

Spaghetti and meat balls	\$1.50
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Groundwaves

Sarge gets HOT
Is this thing on yet? Tap, tap. OK testing one, two, three good. Now that I am warmed up I would like to talk to you about something close to my heart.
Yes, in fact I do have several things close to my heart unfortunately the foremost thing right now is a

letter that appeared in this tabloid last week.
I do not like the music of a generation to be referred to as a remnant. This is the music that I and several other people of approximately the same age grew up with. This is music of my wild and carefree youth. This music paved the

way for the likes of groups like Shooting Star. A lot of blood and sweat went into those days and I feel sorry for anyone who cannot recognize that effort and the great music it produced. I will continue to play "sixties remnants" as long as there are grooves left in the records.

Scooter from page 7

grin.
"Sure, I can tell you all about my most famous cases," Scooter replied. Although Scooter rambled on for hours, Devin somehow slept through most of it.
That night...
"Looks like somebody's leaning on your machine," Devin said as she looked out the window.
Scooter was at the window instantly and sure enough she had spoken the truth.
"You can stay here till I get back," Scooter yelled as he grabbed his coat and headed out the door.
"Hey, what are you doin'?" Scooter called as he walked up to the individual "leaning" against his Ferrari 308 GT.
"Wow, you must be Scooter," the man said as he straightened himself. "I'm Captain Shield, I want to be your new assistant!"
Scooter looked him up and down. He was wearing a grey suit with a shield on his chest. On his back was a powder blue cape. Scooter

could also see several small scars on his face.
"Should get yourself a mask," Scooter advised.
"I had one but it kept mussin' my hair," the Captain replied.
"Well, we'll have to see about this. You got any money for beer?" Scooter asked.
"Lots," the Captain shot back.
"Okay, I'll give you a try," Scooter said as he hopped in the Ferrari. "Get in."
Soon Scooter and his tentative assistant were at

Bruno's.
"Stick close to me, till we get to the bar, then buy two pitchers of beer and get 3 glasses. I'll find a table." Scooter said as they entered through the door.
Suddenly Scooter stopped as he looked around the barroom. The entire population of the tavern was on the dance floor boogieing to the sounds of the Jacksons. Scooter's nimble deductive reasoning told him this could mean only one thing: Monkey Women.
Next Week: Buxom Beauties



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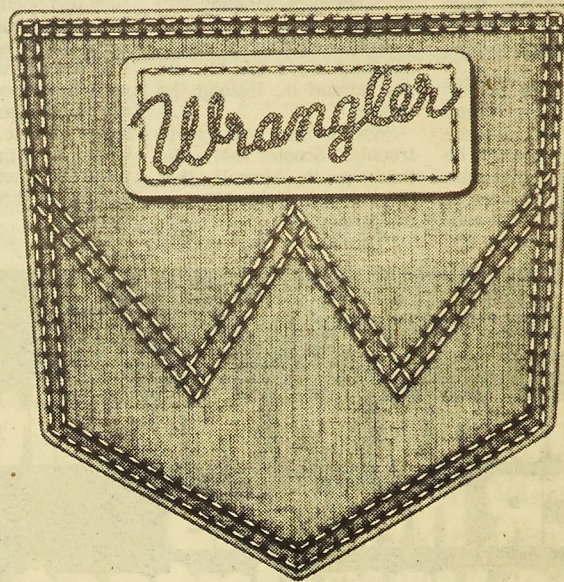
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JOIN THE UMR PHOTOGRAPHY CLUB at its first meeting of the semester. We will be meeting at 7:30 p.m. on Thursday, January 28, in the Meramec Room of the University Center. Dues are \$3.50 per semester and this includes use of the clubs darkroom plus all the chemicals necessary to do your own black and white developing and printing. Film and printing paper are extra but we sell them to you dirt cheap. We are the photographic organization on campus that is devoted solely to the improving of the photographic skills of its members.

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LOST: Prescription glass with brown tinted plastic lenses. Lost on or about Jan. 19. If found, please contact Bob at 364-1490. Reward.

LOST: Small gold cross with diamonds. If found call Lori 364-0135. Reward.

LOST: Black umbrella in room 104 EE on Friday, Jan. 22, between 11:30 and 12:30. Please call Ken at 364-7607.

Two male roommates needed to share 4-bedroom townhouse. Available immediately 1318 Truman Forum Apartments, Apt. 14, \$77.50 a month plus utilities call 364-5209 anytime ask for Steve or Randy.

To: Sue, Vicki, Kami, Sheila, Jennifer, Becky, Helen, Janice, Colleen, Kim, Valerie, Jean, Donna, Lisa and Carol. Tonight is the big night. Congratulations.

Vicki (My Favorite Little Sister)
I'm glad you made it.

LOST: HP-34C calculator on third floor library. \$10 reward. Can prove ownership. Call Dan at 364-9761 around 5:30 p.m.

Tau Kappa Epsilon will be hosting a Theta Tau Ugly Man Party Saturday, January 30, from 8:00-1:00. Proceeds will go to Theta Tau's charity. So come on and celebrate like only people from Rolla know how.

FOR SALE: Sound Design stereo system, includes AM-FM cassette receiver, turntable and two speakers; less than one year old. Asking \$120.00. Call Pam at 364-8227.

FOR SALE: Hot Point refrigerator and General Electric stove; both in good condition. Asking \$25.00 for each. Call Pam at 364-8227.

A Lonely Mailbox ?

By LINDA SWEENEY

Mailboxes are often a sad sight for many students. Days pass by without a single piece of mail ever appearing in the designated slot. Regardless of the number of letters you write, and the pleas to write back, the mailbox steadfastly refuses to bring you a single note.

Some students, however, have learned the secret of acquiring mail. The old favorite, or rather the inevitable, is the bill. This friend never misses a month without sending you a little reminder of their friendship. But the excitement of seeing an envelope in your box leads quickly to depression at the realization of its origin. Thus, this solution is a poor substitute for the actual, personal letter.

Newspapers are yet another substitute that many students utilize. This gives the student the prestige of opening the mailbox each time he enters the mailroom. A certain amount of suspense is also evident while he gently pulls out his daily paper in hopes that an envelope was accidentally caught between the pages of the news; which would in itself be news.

Even if you rarely get a letter, you are the envy of

many students when you walk away with an actual package. It is thus wise to go home for the weekend and leave something important (but not crucial, i.e., a pair of jeans) at home. When you arrive in Rolla, call home

pleading for the article to be sent to you.

This must be planned, however, with great care. It is important to obtain this package while there are a maximum number of students around. One of the

best times is just before an 8:30 class (this is true in the Quad anyway) on a week-day.

Many readers may be wondering why this article is on the absence of mail. Write me at RHA 450.

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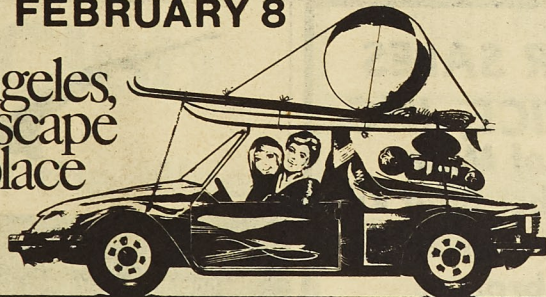
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Meet the U.S. Steel representative on campus:

Wed., Feb. 17



United States Steel

Miners lose two on road, host Lincoln this Saturday

By LARRY TIPTON

The Miners should be glad to be back home. They are currently in the middle of a three-game home stand, after returning from two losses away and playing Central Missouri State as this issue went to press.

The Miners will host Lincoln University Saturday night, in what head coach Billy Key expects to be a "tough game, especially since it's a conference game."

The first stop in the Miners' roadtrip was Southeast Missouri State, where they lost 80-68. Commented Coach Key, "We got into early foul trouble with our big men and that hurt us."

Another thing that hurt the Miners was SEMO's ex-

cellent field goal shooting. The Indians shot an outstanding 67 percent from the floor in the first half, and 57 percent for the game. UMR shot a very poor 34 percent for the half, and 45 percent total.

The game was somewhat closer than the score indicates. Although the Miners trailed by as many as 15 points with five minutes left, they had a late surge, led by Rickie Cannon, to pull within 4.

"We were pressing them and they made turnovers which allowed us to come back. Then they went into a stall and we started fouling them," explained Coach Key. SEMO made 11 of their last 12 free throws to put the game on ice.

Cannon, who led the Miners' last minute surge, also led the team with 18

points; 16 of which came in the second half. Three other Miners, Leonardo Lucas, Curtis Gibson, and Jeff Davis, also scored in double figures.

After SEMO, the UMR squad traveled to St. Louis to take on UMSL. This time the Miners' shooting was even worse. They could only manage a 30 percent field goal mark and a 57 percent free throw mark, while the Rivermen shot 58 percent and 88 percent, respectively. UMR dropped this game 75-59, lowering their overall record to 10-7 and giving them a 3-2 mark in conference play.

Once again Cannon, who is currently third in the league in points per game, led the Miners with 17 points. Gibson and Davis also scored in double figures with

13 each.

Key explains his team's shooting slump by saying, "We're just not shooting as well as we did earlier in the season. We need a little better perfection of our offense, to give us better percentage shots. We've also been fouling too much."

"Our biggest asset so far has been the fast break. As we've progressed in the league, other teams have been able to better defense against this."

The Miners, 6-0 at home, hope their home court advantage will remain for Saturday's game. "The home court and crowd has been a big plus. I hope all the students will attend and give us their support," said Key. Game time Saturday is 7:30.

Aria qualifies for Division II Meet

By GERRY GOEKE

The UMR Swim Team traveled to Springfield on January 23 to do battle with Drury College. Despite what Coach Bob Pease described as a "solid performance" by the Miners, Drury finished on top, 65-39.

Chris Aria, a freshman from Huntsville, Alabama, was named the Athlete of the Meet as he qualified for the NCAA Division II Championships in March with a 1:58.4 time in the 200 backstroke. Chris's time was a season best for UMR and 0.3 seconds off the UMR varsity record. But Aria didn't stop there. He also took 200-yard Individual Medley honors, finishing in 2:02.06. And earlier in the day, Aria started off the

winning 400-yard Medley relay team. Other contributors to that win were Don Havey, Bill Becker, and Jerry Flowers.

The only other individual victory on the day was posted by Bill Becker, who swam a season best 2:01.0 to win the 200-yard Butterfly.

The Miners are at home this weekend, swimming against the University of Northern Iowa. The action is scheduled to begin at 1:00 p.m. at the Multi-Purpose Building.

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* Home Team

Friday, January 29, 1982		
Probable Winners	Margin In Points	Probable Losers
*Alabama-Birmingham	7	South Florida
*Arizona State	3	California
*Arkansas	8	Rice
Colgate	2	*Dartmouth
*Nevada-Las Vegas	13	Air Force
*New Mexico	3	Colorado State U.
*So. California	11	Oregon
*U. C. L. A.	3	Oregon State
Western Carolina	2	*The Citadel
West Virginia	1	*Pittsburgh
Wyoming	1	*U. Texas (El Paso)
Saturday, January 30, 1982		
*Alabama	4	Tennessee
*Appalachian State	9	*V. M. I.
*Arizona State	4	Stanford
Bowling Green	2	*Miami (Ohio)
California	3	*Arizona
Canisius	5	*St. Francis (Pa.)
*Cincinnati	10	St. Louis
Clemson	4	*The Citadel
*Columbia	2	Cornell
Connecticut	3	*Holy Cross
*Dayton	4	Detroit
De Paul	1	*Syracuse
*Drake	3	Creighton
*Duquesne	3	La Salle
Eastern Michigan	1	*Ball State
Evansville	5	*Butler
*Fairfield	4	Manhattan
*Fordham	3	St. Peter's
*George Washington	2	St. Bonaventure
*Houston	9	Baylor
*Illinois State	9	Indiana State
*Illinois	12	Michigan
Iona	7	*Army
*Iowa	2	Ohio State
*Kansas	9	Oklahoma
*Kent State	2	Ohio U.
*Kentucky	5	Georgia
Louisiana State	2	*Florida
Louisville	4	*Florida State
*Loyola (Chicago)	6	Xavier (Ohio)
Marquette	1	*Notre Dame
Marshall	1	*Furman
Maryland	1	*Georgia Tech
*Michigan State	4	Northwestern
Minnesota	2	*Indiana
*Mississippi	3	Auburn
Missouri	2	*Kansas State
*Murray State	1	Western Kentucky
Nebraska	2	*Colorado
*North Carolina	5	North Carolina State
*Northern Illinois	2	Toledo
*Oklahoma State	9	Iowa State
*Old Dominion	4	Virginia Commonwealth
*Oral Roberts	5	Oklahoma City
Oregon State	1	*So. California
*Pennsylvania	1	Princeton
*Purdue	7	Wisconsin
Richmond	2	*East Carolina
*Rutgers	6	Rhode Island

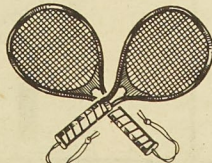
*San Diego State	6	Utah
*South Carolina	5	East Tennessee
Tennessee-Chattanooga	2	*Davidson
*Texas (El Paso)	8	Colorado State U.
Texas Tech	2	*So. Methodist
*Texas	6	Texas A. & M.
*Tulsa	8	New Mexico State
*U. C. L. A.	17	Oregon
*Vanderbilt	10	Mississippi State
Virginia Tech	2	*Memphis State
Virginia	8	*Duke
*Washington	2	Washington State
*Western Michigan	7	Central Michigan
*Wichita State	9	Bradley
William & Mary	1	*Navy
Wyoming	4	*New Mexico

Wednesday, February 3, 1982		
Probable Winners	Margin In Points	Probable Losers
*Alabama	16	Mississippi State
*Appalachian State	2	Davidson
*Bowling Green	4	Western Michigan
*Central Michigan	2	Ohio U.
Colgate	2	*Army
Dayton	3	*Butler
*De Paul	6	St. Joe's (Phila.)
*Duke	4	Georgia Tech
*Eastern Michigan	3	Miami (Ohio)
*Georgia	10	Florida
*Houston	2	Texas Tech
Kansas State	1	*Nebraska
Kansas	7	*Iowa State
Kentucky	6	*Auburn
*La Salle	4	Canisius
*Louisiana State	1	Vanderbilt
*Louisville	12	Tulane
Memphis State	3	*St. Louis
Mississippi	2	*Tennessee
*Missouri	12	Colorado
North Carolina State	2	Clemson
*Northern Illinois	9	Kent State
Oklahoma State	1	*Oklahoma
*Old Dominion	4	Richmond
Rice	3	*Texas Christian
St. John's (N.Y.)	2	*Boston College
Syracuse	2	*Seton Hall
*Texas	12	So. Methodist
Texas A. & M.	1	*Baylor
*Toledo	5	Ball State
*Villanova	1	Georgetown (D.C.)
*Virginia	2	Virginia
Wake Forest	3	*Maryland

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M-Club

Athlete of the Week

M-Club Athlete of the Week

Chris qualified for Nationals in the 200-yard backstroke with a time of 1:58:40. This was also a record-breaking time at Drury pool, which was previously held by a University of Missouri-Columbia swimmer. Congratulations, Chris!

4th Anniversary Party
 Saturday, January 30th
 9:30-1:00 a.m.

BRANO'S

Banquet Facilities Available
 Men's Night-Wednesday
 Ladies Night-Thursday
 9:30 to 1:00
 341-2110
 1435 Hauck Drive Rolla, MO

Come on out to where the fun times roll.

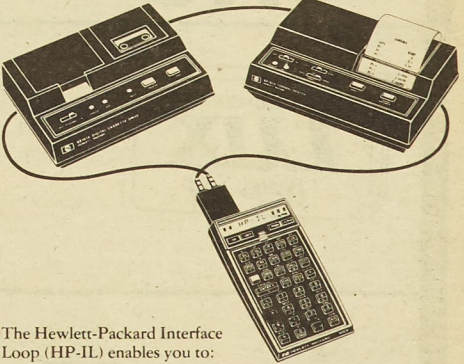
Bowl Our Weekend Special
 Sat. 2-6 p.m. & Sun. 8:30-11 p.m.
 3 games & a large drink
\$4.10 value for \$3!
Happy Hour
 Sat. 1:30-6:00 p.m.
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