



11 Sep 1985

## The Missouri Miner, September 11, 1985

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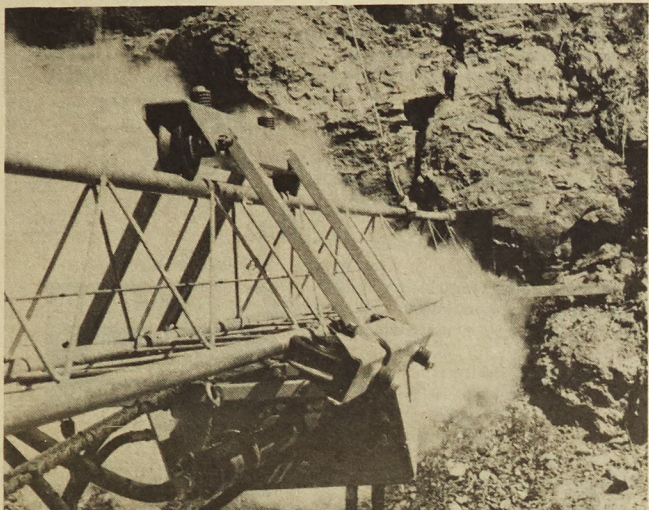
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## New uses for water:

# Waterjets are technology of the future



A waterjet being used to extinguish a burning vein of coal in Montana. The coal is burning at temperatures in excess of 1000 °C.

by Christal Roderique

As a result of the construction of the UMR Stonehenge, new waterjet technologies have been discovered.

These discoveries have increased public interest in waterjet research and applications. According to Dr. David A. Summers, director of the UMR High Pressure Waterjet Laboratory, "UMR is the premier university in America doing waterjet research. This is because we have worked with it longer than anyone else."

The technologies learned from cutting the granite for Stonehenge with a high velocity waterjet include: extinguishing of coal fires, removal and pulverization of coal, pulping of wood, and washing explosives out of old missile warheads.

The most recent project has been the use of the waterjet to extinguish a coal fire near Yellowstone River in Montana. The high pressure waterjets dig a tunnel deep into the burning vein of coal. This procedure allows the water to extinguish the fire in the heart of the coal vein as well as on the surface.

Another use of the waterjet is the removal of coal from mines. A device called the hydrominer is used for the extraction of the coal. "By placing a waterjet on the edge of the cutting wedge, much more coal can be mined and no dust is created. Therefore, this eliminates the threat of black lung," said Summers.

This method of removing coal is also more efficient. An example of this is a mine located in Sparwood, British Columbia. Two men operate this mine, producing 3000 tons of coal per shift. A mine normally can produce 500-600 tons per shift.

Another advantage of using the hydrominer is the elimination of possible explosions. Using the standard method of mining, if a rock is hit by the metal machinery, a spark occurs. If this spark encounters a high concentration of methane, an explosion can occur. Using the waterjet eliminates the sparks.

Waterjets can also be used for the pulverization of coal. The high pressure jets can crush coal to within five microns, which is about the consis-

tency of talcum powder. This procedure uses less time and energy than other methods. According to Summers, "When the coal is ground this fine, and combined with water, it can be used as a substitute for oil. It is feasible that in the future it can be used as fuel in automobiles."

Another use of waterjets is the pulping of wood. "When a waterjet hits wood, the wood tears apart and you get long fibers. These fibers naturally mat together and high quality paper is produced," said Summers.

The waterjet can also be used to wash explosives out of old missile warheads. WOMBAT (Waterjet Ordnance and Missile Blast-cleaner with Automatic Tellurometry), a robot developed for this purpose at UMR by Summers and his colleagues, is currently under contract with the U.S. Navy.

The robot washes explosives out of missiles, reducing the number of steps in the time-consuming process and making the procedure less hazardous.

see Waterjets page 2

## Scholarship for children of alumni

by Mella Sage

The University of Missouri-Rolla will establish a scholarship program beginning with the 1986-87 academic year that will provide non-resident tuition for the sons and daughters of alumni who are not residents of Missouri and who qualify for the scholarship.

According to Frank Mackaman, UM-Rolla vice chancellor for alumni/development affairs, "We are pleased to be able to make this scholarship program available to sons and

daughters of our out-of-state alumni and we are looking forward to its implementation."

To be eligible for the program, a student must be a son or daughter of a UM-Rolla alumnus or alumna who currently is not a Missouri resident. Students also must be in the top 25 percent of their high school graduating class and have scored in the top 25 percent on the ACT or SAT examinations (24 or better on the ACT or 1030 or higher on the SAT).

Mackaman added that freshmen, upperclassmen and transfer students would be eligible for the program and that the scholarship can be renewed as long as the student is making satisfactory progress toward a degree. There will be no restrictions as the area of study.

For further information on the scholarship program contact Robert Whites, director of student financial aid, 106 Parker Hall, UM-Rolla, Rolla, MO 65401-0249, phone: 314-341-4282.

## Evening courses offered at UMR

by Jeff Enslow

The University of Missouri-Rolla's school of arts and sciences, school of engineering, and school of mines and metallurgy are offering several continuing education classes this fall. A large part of this year's classes are being offered in schools throughout the U.S. The courses offered at other campuses are being done in part to assist engineers already on the job.

The courses being offered on the Rolla campus in the school of arts and sciences for credit are: Private Keyboard; The Study of Comets; Music for the Elementary Teacher, SM65; Current Psychological Issues for Educators, Psych 301; Psychology of the Exceptional Child, Psych 354; The Study of Photography, SM221; Software Application on PC, CSC 301-C; and Introduction to Basic Program-

ming, CSC 301-D. The courses being offered without credit are Software Application for Microcomputers, Trigonometry Review, and UMR Film Series 85-86. Those who are interested should contact Steven Douglas at G-7 Humanities-Social Science Building.

The school of engineering is offering, without credit, 7th Land Surveyors Review, short course; Grounding and Shielding Electronic Instrumentation; Basic Techniques of Computer Drafting; and Mining and Industrial Maintenance Management, a seminar, also offered by the school of mines and metallurgy. Anyone interested in any of these courses should contact Walter Ries at 111 Engineering Research Laboratory.

An auxiliary services course, Women's Water Exercise, is being offered. Anyone interested should contact Frank Haston at 107 Mining.

## Three scholarships offered by SRI

by Tom Duggan

For the third consecutive year, three \$1000 scholarships are being offered by the Scholarship Research Institute of Washington, D.C., an organization specializing in helping students and their parents locate funds for college.

These scholarships are for the spring semester of 1986. The funds may be

used for any expenses relating directly or indirectly to the pursuance of any academic major at the undergraduate level.

Applicants must be full-time students with a grade point average of 2.0 or better. Recipients will be selected on the basis of academic performance, leadership ability, and college and community activities.

The deadline for application is December 16, 1985. Recipients will be notified by January 30, 1986.

For an application and further information, students should send a stamped, self-addressed envelope to: Scholarship Research Institute P.O. Box 50157 Washington, DC 20004

## Major Miner Stories

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See page 2 for information on submissions: Letters to the Editor, Classifieds, Calendar of Events, and articles. See page 3 for extra information on submitting Letters to the Editor (and help the Miner spice up the Comments Section).

## New building to house several services

by Steven M. Tillman

The current buildings housing the Student Health Service (Infirmary) and University Police are scheduled to be replaced by a new one-story 9,000 square foot structure. This building

will also house the University Information Center and will be located near the southeast corner of Highway 63 and 14th Street. As part of the Information Center space will also be available for display of collections, exhibits and in-

formation about the campus. The facility is expected to open around November 1st of 1986.

see Building page 4

## SSUMR car wash to increase financial aid

submitted by SSUMR

The Students for Students of the University of Missouri-Rolla (SSUMR) will be holding a car wash on Saturday, September 14, in the parking lot of Kroger. The cost will be

\$2.50 per car with the proceeds going to increase student financial aid. Your support will be greatly appreciated.

For those of you who are unfamiliar with SSUMR (pronounced summer) we are a student group that was started

late in the spring semester. The purpose of our group is to hold fund raising activities with all of the proceeds going into an endowment fund with the University.

see Car wash page 4



# calendar of events

## Wednesday

There will be a general meeting of all S.S.U.M.R. members on Wednesday at 7:30 in room 203 of the Library. The general public is welcome to attend.

The SUB Concerts Committee will have its first new-member meeting Wednesday, September 11 at 6:30 p.m. in Chem E 125. Refreshments will be served. Everybody is welcome to join (freshmen, that means you too!). P.S. Could someone bring a portable cassette player for demo tapes?

There will be a fellowship of all Christian groups on campus held at CCH, 607 State St. We will meet at 4 p.m. All Christians welcome. For more information, please call Peng at 364-0691.

Seminar on advertising and marketing sponsored by Center for Applied Engineering/SBDC. Robert W. Conradi, president of Conradi, Johnson and Associates Inc., St. Louis, 3:30 p.m., Centennial Hall, University Center-East.

## Thursday

Intercollegiate Knight's initiation and officer elections. Thursday, September 12, 7:00 in the Mark Twain Room. All members and pledges please attend.

Notice: Meeting of the Council of Graduate Students. Thursday, September 19 at 4:00 p.m. Room 209 M-Cs building. Graduate students are urged to attend. On the agenda is the Graduate Fall Picnic.

The Astronomy Club will be holding a meeting on Thursday, September 12th in Room 104 in the Physics building. If you would like to learn about astronomy, this is a good place to start!

UMR Film Series - "El Norte," 7:30 p.m., Miles Auditorium, Mechanical Engineering Building. Season ticket or \$3 at the door.

The MSM Climbing Club will be meeting Thursday, September 12 at 6:30 in room 305 of Norwood Hall. Everyone is welcome.

Are you experienced? Have you ever had the Toastmasters Experience? If not, find out how to improve your oral communication skills, to be more confident at interviews, and be a success. The Toastmasters experience happens every Thursday in Room G-9 of the H-SS Bldg. at 4:30.

## Friday

Indoor Rec. Committee of SUB will show the movie "Vision Quest" Friday, September 13 and Saturday, September 14 in the M.E. Auditorium at 6:30 and 9:00 p.m. There is no admission charge.

## Saturday

Trap and Skeet Club: The Fall '85 shooting season begins 8 a.m. on September 7 at the JT Harris range. This sport is open to men and women, hunters & non-hunters, experienced shooters & novices. Instruction in firearm safety & shooting tips will be given & memberships taken. Guns & ammo available. For more information call: Ken at 364-6691. Don at 341-3417 or Brian at 364-8317.

## Sunday

UMR Performing Arts Series, Original Rooster Creek Radio Boys performance at 2 p.m., Centennial Hall, University Center East. Season ticket or \$6 for general public, \$5 for students and retirees.

## Monday

Deadline to submit requests to testify at South African Investment Policy Hearing on September 27 at UMR. Send request to Dean Eleanor B. Schwartz, 321 University Hall, University of Missouri-Columbia.

The Christian Campus Fellowship would like to invite everyone to our weekly Monday-Nite-Fellowship at 7:00 p.m. at the Missouri room, University Center-East. There will be singing, Bible-study, worship, and fellowship. Come and you'll find yourself a home in Christian Campus Fellowship.

Remmers Lecture. Jeane Kirkpatrick, former U.S. ambassador to the U.N., 8:00 p.m., Gale Bullman Multi-Purpose Building. Free tickets may be picked up at the ticket office, University Center-West, from 8 a.m.-noon and 12:30-4:30 p.m. weekdays.

## Tuesday

Tau Beta Pi will have a smoker Tuesday, September 17 at 7:00 p.m. in G-5, H-SS. All eligible students are invited to attend.

## Noday

Start training now for SUB's Triathlon, to be held on September 28. There will be prizes for the fastest man, woman, male team, and female team. Contact Tim Wallisch at 341-4220 for more information.

Royal Dutch/Shell Group Companies Overseas will be interviewing junior, senior, and graduate students on October 16th from the countries of Malaysia, Western Europe, Brazil, Brunei, Gabon, Nigeria, Singapore, Thailand, and Tunisia Exclusively. See Cindy Miller, room 202 Rolla Bldg. before September 25 for pre-interview application forms.

Blue Key Leadership Fraternity is accepting applications now. These applications may be picked up at the Candy Counter in the University Center East or the Student Activities, room 202, Rolla Bldg. Requirements are 40 Blue Key Points, 60 credit hours, and 2.75 GPA. The application is due by September 13.

## Greek life

The dry rush has come to Oklahoma U. where administrators set the new policy to prevent OU and its fraternities from being held liable in alcohol-related accidents arising from rush parties.

A little sister council, similar to the Interfraternity and Panhellenic councils, will be established at the U. of Florida this fall. The UF administration wants to give the little sisters status in the university and divide the selection process between the fraternities and the new council.

Kappa Alpha Theta sorority and Texas Tech U. face a \$10,000 lawsuit by two students who claim they were denied their rights to due process when they were expelled from the sorority amid rumors they were lesbians.

Beta Theta Pi fraternity was suspended until the spring of 1986 by Dartmouth College for incidents ranging from parking violations to window breaking to questionable hazing activities.

Kappa Alpha Psi fraternity was suspended until the fall of 1986 by Michigan State U. The suspension stems from the hospitalization of two members who suffered severe burns on their feet during initiation rites.

## COMMONWEALTH THEATRES

### Forum

evenings 7 & 9:10  
matinee Sat. & Sun. 2 p.m.

### Cocoon Back to the Future

PG-13

PG

### Uptown

evenings 7 & 9:25  
matinee Sat. & Sun. 2 p.m.

Starts Friday

JACK NICHOLSON KATHLEEN TURNER

### PRIZZI'S HONOR

R

### Ritz

evenings 7 & 9  
matinee Sunday 2 p.m.

### STALLONE is back as... RAMBO FIRST BLOOD PART II

Starts Friday

Adult Owl Show  
Fri. & Sat. 11:15 p.m.

Strip Tease

## Waterjets

from page 1

One reason for it being less hazardous is that everything is contained and run by computers. A computer shut-down occurs if someone enters a danger zone. Also, WOMBAT is located underground. Therefore, if an explosion does occur, it will be contained.

Summers has done waterjet research for 20 years. His research began at the University of Leeds where he was a graduate student in mining engineer-

ing. He did his thesis on the use of water for cutting. When he came to Rolla 17 years ago, he was one of three or four people in the United States doing waterjet research.

"The more we learn, the more applications we can see," Summers said. "Every new development brings another idea. Waterjet research is the fastest growing technology around. It is the technology of the future."

## Missouri Miner

The Missouri Miner is the official publication of the students of the University of Missouri-Rolla. It is published each Wednesday at Rolla, Missouri and features activities of the students of UMR.

Submissions for Publication must be in our drop box (first floor of the Rolla Bldg.) by 12:30 p.m. on the Friday before publication or may be brought to the staff meetings at 1:30-2:30 p.m. on the same Friday.

Advertising information may be had by contacting the Advertising Director as listed below.

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# EL NORTE



## EL NORTE

Directed by Gregory Nava with Zaide Gutierrez and David Villalpando. PG-1983. This extraordinary odyssey focuses on two young people seeking a better life as their world begins to crumble. They must first travel dangerous roads and cross heavily patrolled borders. Once in America, their troubles are not over—they are "illegals" and must live in constant fear of discovery.

## UMR Fall Film Series

Thursday 7:30 p.m.  
Miles Auditorium



## Contras not struggling for democracy, but dictatorship

by Don Billen

Nicaragua is a nation that is only half the size of Iowa and half its population is under the age of fifteen. President Reagan claims that this small nation is a security threat to the United States. He urges us to support a group of rebels that he terms Freedom Fighters.

These rebels, better known as Contras, are attempting to oust the current Sandinista government. President Reagan supports the Contras' effort because the Sandinistas are Communist. He compares the Contras' cause to our forefathers' struggle for independence.

Unfortunately, the Contras are not struggling for the principles of democracy for which our forefathers gave their lives. The Contras are led by former National Guardsman of the Somoza regime which was ousted in 1979. The Somoza regime was a dictatorship under which the poor

had no rights and were terrorized by the National Guard. To draw a parallel between our revolution for independence and the Contras attempt to restore a ruthless dictatorship is absurd.

Under the Sandinista government the poor are given healthcare and education. The government has fixed the price of agricultural products so that the majority of people can afford them even on their meager incomes. The infant mortality rate has been reduced from 160-200 per 1,000 births in 1980 to 80 per 1,000 births.

The Sandinista government is making efforts to improve the life of the poor. "Little wonder that the majority of the people favor the government, for the majority is poor." ("A Poor People Struggle to Survive," by Alfred Gellhorn.)

If the majority of the citizens of a country sup-

see Rebel cause page 16



## The time to repeal the minimum wage is now

by Cordell Smith

Of all the vituperative slanders the Left likes to hurl at Conservatives, my personal favorite is the one about Conservatives having no "compassion." The Left enjoys its reputation as the source of all benevolence. To counteract such nonsense, we examine this week an example of "Liberal" compassion — the minimum wage.

The minimum wage began with the Act signed June 25, 1938, the Fair Labor Standards Act. The idea was to ensure that all employees across the land received a "fair" wage, and that *capitalist-imperialist* employers would not be able to "take" their employees for all they could. The initial rate

of the minimum was twenty-five cents an hour. Regular increases, particularly during times of inflation, have brought it to the current level of \$3.35 per hour.

What the Congress did not realize was that this statute would create a class of unemployable people — persons who could not profitably be employed. Instead of giving unskilled workers a higher wage, business management had no choice but to fire the unskilled when the legal requirements made them too expensive to keep on the payroll.

In the same manner, the minimum wage deals a crippling blow to adolescents, for example, who have no experience at a regular job, or possess no skills to justify \$3.35 an hour.

According to the *Handbook of Labor Statistics* of December, 1980 (published by the Labor Department), unemployment among 18 and 19 year olds has increased from 9.2% in 1947 (earliest data available) to 14.6% in 1979, a depressing 1.6 times worse. This, however, is nothing compared to similar figures for minority youths. ("Black and Other" is the Labor Department phrase.)

Unemployment among 18 and 19 year old minority females was 14.6% in 1948. In 1979, the figure stood at 33.4% (after a 1972 high of 38.7%), a catastrophic 229% times the 1948 rate. For males of the same category, the picture is still more bleak. In 1948, 10.5%. In 1979, though, unemployment was 29.6%, a 282% times worse. During this entire time period, of course, the minimum wage increased steadily. (Admittedly, the minimum wage is not the only consideration, but it is a major factor.)

The problem, especially for inner-city youths whose schools do not have a tax base that supports good education, is simply that the jobs they could have handled (no major skills required) have been *destroyed*. If certain jobs are not worth \$3.35 an hour to a company, those jobs will be eliminated — there's no way around that. Management has no choice. Thus, Socialist interfer-

ence in the marketplace destroys jobs.

Quiet please — Leftest compassion at work.

The Reagan Administration has proposed a step in the right direction, in solving this problem, with the "subminimum" wage. The legislation, titled the Youth Employment Opportunity Wage Act (S. 797/H.R. 1811), pending before appropriate Congressional committees, would allow those aged 16 to 19 years to be paid \$2.50 per hour during the May through September months. Although this is a good idea, and would help tremendously those who seek summer employment, it would not solve anything for those who seek long-term employment. (High-school dropouts, for example, or those who do not proceed to higher-level education.) What really needs to be done is to free the market by eliminating the minimum wage entirely.

## Still more on our God-given rights

by David Frei

Psssst, Hey Cordell, you're absolutely right, our rights are not given to us by the government. In fact, I never said they were. So let me quit nagging you about the abuses of religion and try to find out for myself what our rights are.

First, I am a person like everybody else, no better, no worse. Hey! I just came up with the first principle in which to stand up for, and I didn't use religion! Now if a government makes laws that upset this, such as the Soviet Union and South Africa for instance, I know what I have to do.

When you told me that our rights are protected only by religious principles and that "the right of conscience is protected for nonbelievers" as a "fringe benefit," the best thing I could say came from my lower intestine.

But seriously, you keep quoting the Declaration of Independence even though it has nothing to do with our government. The Constitution on the other hand has a really good idea. We the people will decide for ourselves. We can choose religious principles if we like, but nevertheless we can make logical choices that best suit the times and everyone's well-being.

## Letters to the Editor

If you have a comment to make, write the Editor. The *Miner* makes an effort to print every letter sent in.

When you send us the Letter, you should *sign* it and include your *phone number*. This is to protect you as much as it is to protect us. We will not print your phone number, and upon request we will withhold your name or give a substitute or pseudonym.

We reserve the right to edit or refuse publication of any Letter that is found slanderous, offensive, or otherwise dishonorable to print.

To submit the Letter, drop it in our drop box (first floor, Rolla Bldg., east side) by 12:30 on the *Friday* before requested publication.



# m news

## Campus capsules from around the country

**Student fees** may not be used for "political-ideological activities with less of a nexus to the campus environment" according to Oregon's attorney general. The "incidental" fees, however, may be used for "on-campus activities that contribute to open debate and exchange of opinion among students." The attorney general says the fees may be spent only on activities that promote the cultural development of collective interest of students. The ruling called into question the use of fees supporting student lobbies and a student lawsuit seeking to force the Oregon Board of Higher Education to divest from companies doing business in South Africa.

**Bugs Bunny** is #1 with college students, according to a survey by a Rad-

ford U. business professor. The survey found that 82% of students still watch Saturday morning cartoons.

**Pet Peeves:** The U. of Kansas administration has barred pets from campus buildings because of complaints from custodians who had to clean up after the animals, from students allergic to the animals, and from students and faculty who think pets are inappropriate for the classroom.

**Talk about a big chill:** The U. of Missouri-St. Louis student government sent out a questionnaire, noting, "We wimpily want your opinion."

**Drug use by college athletes** is no higher than use among the general student population, according to two Michigan State U. medical researchers.

The national study was funded by the NCAA.

**Tougher standards don't help,** says a psychology professor at the U. of Rochester. His seven-year study of elementary, high school and college students found that students in "tough standards" classes enjoy learning less, have trouble grasping conceptual ideas, are less creative, and do not do significantly better on standardized tests.

**Roll over Beethoven:** The student-run radio station at Georgia Tech is airing three songs featuring Ronald Reagan. The songs carry anti-nuclear weapon messages and in one, "Five Minutes," Reagan is made to repeat his infamous joke about bombing the Soviet Union.

## Building

from page 1

The money generated by the endowment fund will be used to aid those students with special emergency needs. For example, if a student's parents were to pass away, SSUMR would try to help keep the student in school by aiding him with the high cost of education until such time as he is

eligible for regular financial aid.

Students who are interested in learning more about SSUMR or who would like to join should contact Clay Huback at 364-3723 or leave a message for SSUMR at the Dean of Students office in the Rolla Building.

## Car wash

from page 1

On August 21, 1985 five sealed bids were opened for the construction of this building. The apparent low bidder was the Slides Construction Company of Cape Girardeau with a base bid of \$896,226. The total project cost is expected to exceed a million dollars. The bid will be submitted to the Board of Curators this month for their approval; with approval, construction is expected

to start this fall and last twelve months. As noted above the building will be located at the southeast corner of U.S. 63 and 14th Street. The University's master plan developed several years ago indicated that this site would be the best location for an Information (Visitors) Center, because of its ease of access to visitors seeking information about the University.

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# MacFest

Friday..20 September..University Center East  
Mark Twain Room...8:00 am- 8:00 p.m.



Macintosh 512K  
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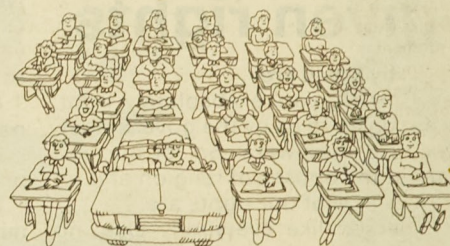
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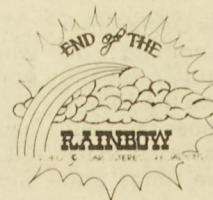


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I'll show you the receivers, amplifiers and speakers that Sony makes for your car. Then I'll explain all the advanced technology that goes into designing them. I'll also show you the different styles and prices that are available. That way you can choose the Sony AutoSound system that's exactly right for you.

So why drive back to school in a car as quiet as a library? Come into my store for a Sony AutoSound system and add a little jamming to your cramming."

Michael W. Pearson



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# The

by P  
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## The man inside 'The Far Side'

by Pat Ruth

The world he lives in is admittedly peculiar; he shares his home with the stuffed head of a warthog, three snakes, several paper mache monsters and a carnivorous frog (the mice it eats are kept in the freezer under the hamburger). The world he has created is completely manic: animals often get the upper hand over their human counterparts, and hospital custodians stick babies to the ceiling with static electricity. Yet for the peculiarities which permeate his life, Gary Larsen, creator of "The Far Side" claims to be disappointingly normal.

"People always say to me, 'Gee you look so normal!' I feel embarrassed. Like there should be one eye in the center of my forehead."

Demented or not, Larson has found himself riding a tide of success. His single panel strip is syndicated in 200 newspapers nationwide, he has had as many as three volumes of his collected cartoons on the *New York Times* best-seller list at the same time, and his characters have spawned a year-old

marketing venture in post cards, posters, and other merchandise. Not bad for a man who abandoned the idea of a career in science due to "fear of physics."

Those who know him well insist that Larson is a simple, down-to-earth guy, whose only unusual feature is his imagination. There have admittedly been a few "Far Side"-like twists in his life. Before making it big as a cartoonist, Larson applied for a job with the humane society. He ran over a dog on his way to the interview.

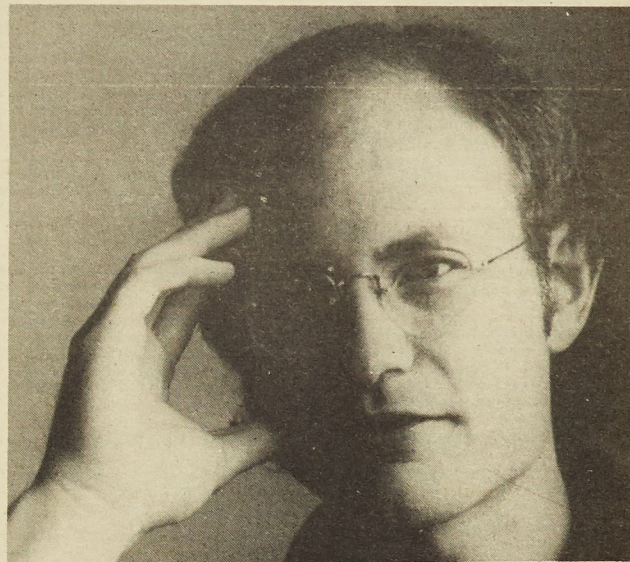
Though he remains somewhat uncomfortable in the limelight and insists that he will no longer do promotional tours to hype his books, Larson has attracted an almost cult-like following. One of the most dedicated portions of this group seems to be comprised of scientists, who perhaps grasp Larson's own scientific bent. If one believes the stories from his publicists, there are very nearly as many "Far Side" cartoons in this country's laboratories as there are test tubes.

Almost anyone, through, can find something in the "Far Side" to appeal

to his or her own sense of humor. Whether it be the contented snake (who has just swallowed Garfield, the notorious cartoon tabby) or the cowboy who finds himself confronted by a tough hombre in a saloon ("I asked you a question buddy . . . What's the square root of 5248?") almost anyone can look at Larson's world and see the twists and turns of his own life there.

This is not to suggest that he is universally popular. Much of his appeal seems to come from the young (18-34) segment of the population. Older readers are seemingly less ready to look at the world upside down (or sideways) through Larson's eyes. There have also been numerous complaints about the use of violence as a humor device. Larson defends his humor here: "There's more violence on Saturday morning cartoons." Indeed, rather than a universally popular cartoon, Larson envisions the one cartoon which will someday achieve "universal offensiveness."

For all the success, Larson remains largely unaffected by the seriousness with which some people treat his work. "You look at the comic page and you either get it or you don't," he says.



Gary Larson, creator of the widely published comic strip "The Far Side," comments, "You look at the comic page and you either get it or you don't."

## And the conclusion — *Children of the Dorm*

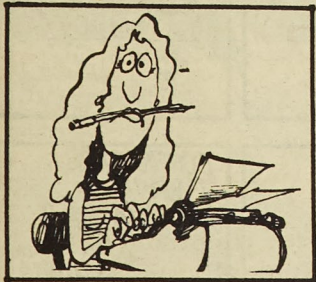
by Stephen Queen

Josh was dazed when he awoke the next morning. His head pounded and his mouth tasted like rusted pennies. It took him a moment to recognize the surroundings as his own dorm room.

"Thank God," he whispered as his gaze travelled the room. "It was just a nightmare."

Then he saw the desk, and his blood went cold. Stacked with diabolical neatness in the center of the desk were a receipt for tuition, another for activity fees, and a flyer advertising specials at the Bookstore. They had gotten him after all. Frantically he searched the pockets of the pants he was still wearing, looking for cash as his mind looked for a way to deny the awful truth. Both searches came up empty.

He sat for a moment on the edge of his bed, slowly letting himself consider the bleakness of the situation. They had caught up with him last night. Tonight They would be back for more. A dorm fee maybe, or a meal contract. Whatever they got, it wouldn't be long until he was simply too drained to resist anymore. They would sense it, he knew.



After that, it would all be over. They would come for him one night and take him to the Bookstore. The thought was almost more than Josh could stand. He had heard stories about the Bookstore, with its dank

dripping walls and its rows of overpriced books, relentlessly cute greeting cards, infant-sized sweatshirts, and multi-colored golf shoes. How long would he be able to resist? Already he

felt an unnatural craving for Garfield posters.

"No!" he cried into the empty room. "Not me. This is one They're not getting. I'll fight the bloodsuckers to the last dime!"

The pain hit him hard — sweeping waves of nausea and stomach cramps. Already They had begun to take control of him. They could sense his rebellion, and They would stop him if They could.

Josh fought the pain by focusing an image in his mind: himself, standing blankly in an endless line outside a tiny window, waiting for financial aid that would never come. He could hear the shrill voice in his imagination: "I'm sorry. This window is closing in 10 minutes."

The thought was all he needed. Josh was out of the room and running for Professor Von Helsing's office before the pain could come again.

Josh spent the afternoon with the professor, pouring out his story and watching the old man shake his head in sympathy and fear. The professor showed him the books which filled the office — stories about the Things and how to fight Them. He explained the real facts for Josh, dispelling the myths and rumors. Just before sundown, he outlined for the boy his only hope for saving himself. As Josh was leaving, the professor slipped an object into his hand.

"Use it well, boy," he urged. "Those Things must be stopped."

When They returned that night, Josh was ready. As the professor had instructed him, he had converted his

remaining money to traveller's checks. Only Their leader would be able to convert the checks for Them. This was crucial to Josh's plan. He must see the Dark One.

Carrying the checks and using a picture of Karl Malden to keep the Things at a safe distance, Josh followed the hidden path to the den of Their leader.

Finally they arrived at the abandoned zinc mine where the Dark One had his lair. Human bones and the dried husks of old billfolds littered the ground. One of the Things pulled back the dark curtains which disguised the immense door of a bank vault. This,

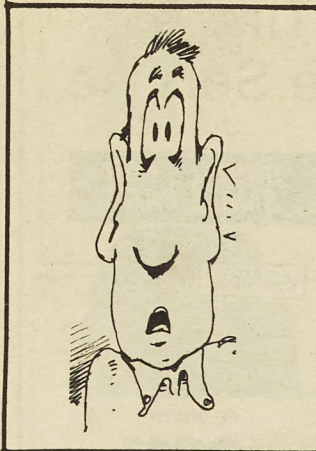


Josh knew, was where he slept, in a cashbox lined with currency from his native Transylvania. Slowly, the door swung open as the Dark One, wakened from his sleep, stepped out.

Josh kept his eyes averted, avoiding looking directly at him. The professor had warned him of the Dark One's hypnotic stare which could probe into the depths of a man's soul and assess his bank balance to within 25 cents.

The moment had come. Josh stepped forward, checks in

hand. "I bring an offering, Most Powerful One."



"Bring it to me," replied the Thing in a voice sounding like nickels falling into a bank bag.

Without hesitation, Josh held out the bundle. The Thing had no more than touched the checks when it let out an unearthly scream. There was pain in its voice now — the agony of a creature doomed to be overdrawn on its savings account for all eternity.

"INFIDEL!" It screamed. Already Josh was running from the pit, the screams of the Things ringing in his ears.

Later, when the sounds had died away, he returned. Where the things had stood there were only blank skeletons. Lose change was scattered everywhere. From the crumbling remains of what had been the Dark One's hand, Josh took the checks and the document which the professor had given to him to hide the bundle. It was slightly charred, but the words at the top were still legible:

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## CLASS' ADS

### Dear S.D.C.,

You are presently lost. If found please call 364-3723.

-Clay

### Biff and Darby-

Hi guys! I'm glad to have you two as little brothers. Ought to be interesting to say the least! Have a good semester.

-Terri, YBS

### Omar M.,

If you're thinking about the books I loaned you please drop them by 805 W. 11th Street and have a great semester.

-Brian

**Sigma Chi** would like to invite all to the Derby Day Bash on Friday, September 13 from 8 p.m. to 1 a.m. All proceeds go towards Wallace Village. Thanks to UMR for all your support.

-The Men of Sigma Chi

### Students,

Tech-Engine Club is off probation and is ready to party! Come and join us at our **Off Pro Party**. Friday the 13th from 8-1. The KMNR Roadshow will be there along with your favorite beverage and cool citrus juices.

-TEC

**Put on your beachwear** and come to the 'Surfer Joe' Little Sister rush party at Triangle Fraternity tonight September 11 from 8 p.m. to 11 p.m. Bring your friends and meet the men of Triangle.

Also, on the bewitching day of Friday the 13th, the 'Bermuda Triangle' Little Sister Rush party will occur. It'll be from 8 p.m. to whenever and all are definitely welcome! If you would like a ride to 807 State Street call 364-8968. Hope to see you and your friends there.

**The Little Sisters of Sigma Pi** wish to extend to all interested in little sister rush an invitation to our Cupid Party. Come help us celebrate Valentines Day in September this Saturday, September 14 at 206 E. 12th from 8-12. Hope to see you there!!

**The men and little sisters of Tau Kappa Epsilon** welcome girls interested in becoming a little sister to a fine Bar-B-Q this Sunday September 15 from 4 p.m. to 6 p.m.

**W.K.** -Make your will. You have only a week to live.

-A.C.B.

### Asst. Business Manager wanted:

Job entails: general accounting, payroll, and purchasing. Call 341-4235 anytime and leave message.

**For Rent:** 2 bedroom house on 4th Street. Call 364-4165

**Attention:** Reward offered for recovery of lost HP41C with quad memory module B Math Pac. Contact Denis Backer at 364-9792 or 364-9769 (Ransom negotiable if applicable)

If you're thinking about getting a pet this school year, the Humane Society of the United States urges you to think again. Do you have enough time between classes and studying to feed and exercise your pet? And who'll take care of your pet when you want to get away for weekends or holidays? Pets are wonderful companions, but it may be smarter to wait until after graduation to get that lifelong friend.

**Anyone interested** in playing intramural sports for the independents, please contact Keith Wright at 341-3804, by this Thursday.

### Bored?

We are about to abandon a Pioneer Party on a virgin planet type T-13. Guaranteed sex ratio 50:40:10 plus or minus 2%. Median bio age 32 plus or minus 1. No temperament test required. No assessments-no contributions-no rescue.

System Expansion Corporation  
Division of Demography and Ecology  
Luna City GPO lock box DEMO  
or punch Tycho 800-2300

**Remember:** At UMR it has long been a practice and common courtesy to leave a clean broad. This weeks screwed up facts brought to you by the brothers of the "Bike House".

-BKE

### Kel Kan,

A swimming suit in January!? Give me a break! Shroom

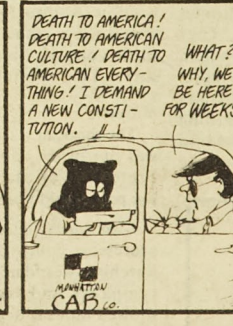
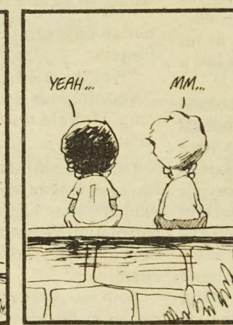
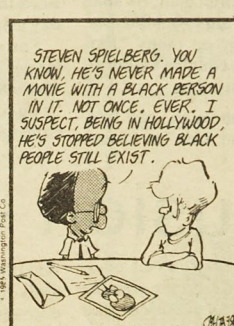
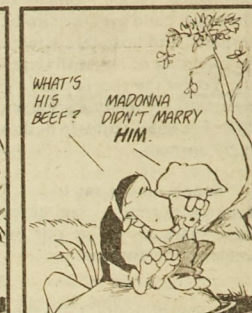
**To all the ladies participating in Derby Days 1985** - The men of Sigma Chi would like to thank you for your support thus far, though it's only half over. Get psyched for the Derby Day games on Saturday. Here's to a great Week!

-Tim Lemunyon, Derby Day Chairman

**This weeks helpful renting tip** for students: when you find a dump to live in, make sure it's a live you can dump in. This was brought to you by SOS (Society of Sewerservice).

## BLOOM COUNTY

by Berke Breathed



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**\$26 4-Cyl.**  
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165SR15	\$50.95
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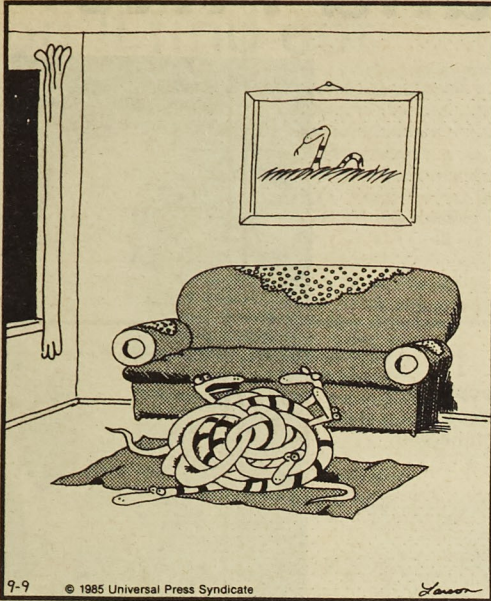
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**THE FAR SIDE**

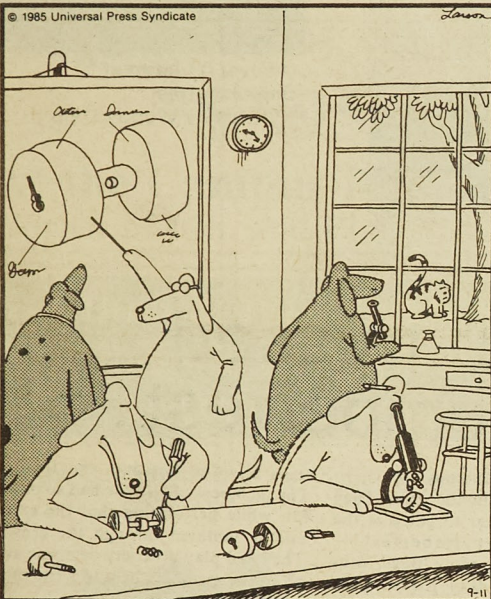
By GARY LARSON



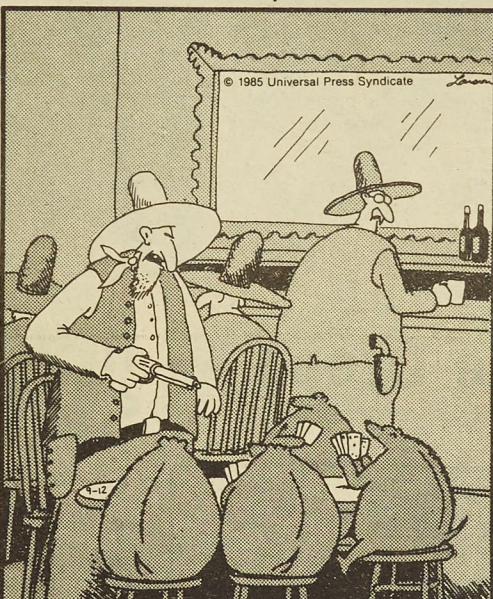
"This was your suggestion, Edna! ... 'Let's play Twister, everyone, let's play Twister!'"



Through patience and training, Professor Carmichael believed he was one of the few scientists who could freely visit the Wakendas.



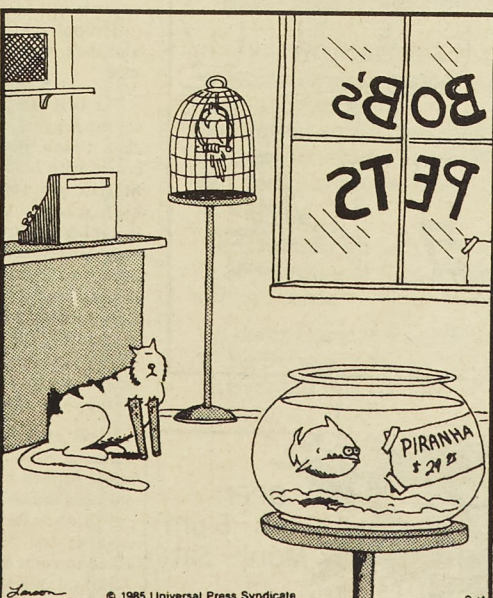
Knowing how it could change the lives of canines everywhere, the dog scientists struggled diligently to understand the Doorknob Principle.



"Varmints! ... You're all just a bunch of cheatin' varmints!"



And then Jake saw something that grabbed his attention.



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Sponsored by Outdoor Rec Committee of SUB

Will be held September 28

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500 yd. Swim  
14 Mile Bike  
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Trophies will be given for:

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- Fastest Woman
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- Fastest Female Team

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For more information contact Tim Wallisch at 341-4220.

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# Septemberfest: During and After

(Below) A Board Rep doing the thing he does best.



St. Pat's Facts

## There's no ending to the Green

by Troy Leitschuh

We, the St. Pat's Board, would like to take this opportunity to thank all those who came out and celebrated the best Septemberfest ever. A great time was had by all. We would also like to thank all those who went to the Cavern for the belly-up. That was definitely a wild night.

Remember that Friday is the last day to turn in '86 sweatshirt designs so if you're creative or know someone who is, make as many designs as you like and get them turned in to any Board Rep by Friday. Remember the cash prizes are \$100 for first prize, \$50 for second, and \$25 for third.

Did you know that the St. Pat's celebration at Rolla actually originated at the University of Missouri-Columbia campus? Historical accounts differ, but most agree that it all started on a warm spring day in 1903. A group of engineering students lamenting the fact that it was such a long time between Christmas and Easter holidays, decided that since St. Patrick had "engineered" the banishment of snakes from Ireland, he must have been an engineer. Therefore, it was fitting that engineering students should

celebrate his memory by taking a holiday from classes on March 17, 1903. — Only 183 days 'til St. Pat's.



"HEY, HAVE YOU RETURNED YOUR SEPTEMBERFEST BUTTON YET?"

(Below) What some people do for money. Here's Marcos the Juggler having a good time with a chainsaw.



(Above) A victim of Septemberfest.  
(Photos by Woody Delp.)

## If you missed Septemberfest . . .

by Sylvia Chin

"They come from the East. They come from the West to party at the very best — Septemberfest — PARTY!!" was the reply 'Bugs,' otherwise known as Ray Kuntz, gave when asked to comment on this year's Septemberfest. He was in charge of setting up and getting the band N-Sync, which also played at the Extravaganza last March.

The hot weather, with a breeze now and then, made the drinking seem so nice.

The first featured event was "Marcos the Juggler" sponsored by the Student Union Board. He wowed the crowd with his fine juggling abilities. Marcos has performed for colleges, high schools, and many festivals including the Strassenfest and the V.P. Fair. He also teaches juggling in community colleges. His 14 years of experience alone through when two dogs were running around right in front of him during his performance and he didn't lose his concentration. The finale was his favorite act — juggling with a chain saw that was turned on.

Soon after Marcos' performance, the band N-Sync started to play. This newly formed band, only six months old, got quite a reaction from the crowd when they played at the Extravaganza last March that they were asked to come back again.

In St. Louis they have performed at Mississippi Nights, Bogarts, Rumours, the Landing, and also many other col-

leges all over Missouri and Illinois. The members of N-Sync had so much fun while performing that the extra energy vibrated through the crowd. They can play a variety of music and all of the members help to write their original music and lyrics.

They are currently recording their first album which is due out in December at Champaign, Ill. The members of the band are easy-going and like to joke around with the students. In fact, last week at Six Flags, the John Waite performed, two Rolla students, Rick Emch and Jon Rolf, met the drummer Steve McCloud at Angelo's pizza place. Steve heard that they went to Rolla and told them that his band was going to perform at Rolla the next week. Rick remarked, "We talked for a while, and Steve is very friendly." The members of N-Sync include: Steve McCloud, the drummer; ark Coughlin, the lead singer and keyboardist; Roger House, bass guitarist; Mark Elsworth, lead guitarist; and Mark Schipkowski, keyboardist.

The Psych-a-thon was also in action at the Septemberfest. Sigma Nu won two of the three events — the keg toss and the keg relay. The full keg carry was won by the men of Sigma Pi. Overall, the Septemberfest was fun, although some people commented that they would like to see more events and games which included girls and guys working together.

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# Eclipse

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## Keep reading and you'll find out

**Dateline: California, Mo.; 3 Sept.**

Sitting on a curb watching traffic pass by... lights growing dim in the distance. Westbounders, are you headed toward K.C.? Do you toddle onward with visions of Starlight dancing in your head? Is the scenery truly as seen, with fluorescent trees lumbering about in fields of shifting color?

These remain unanswered questions as we look forlornly upon Snapbug

... disabled by a sprinkler system installed as a brakeline. Thoughts tumble about, haphazardly entering and exiting focal areas, thoughts ranging from extreme obscenity to "what if..." and ultimately resolving themselves with "It really just doesn't matter." Another day, another month, another year... the Dead are forever.

The curb is becoming a trifle uncomfortable... stand for a while... sure, see Groundwaves page 14

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—NEW YORK POST

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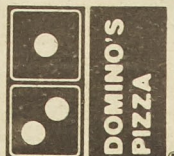
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# Before you make a long distance commitment, make sure you know what you're getting into.



If Fletcher Christian and Captain Bligh had known what being stuck in the same boat would mean, chances are neither would have set foot aboard.

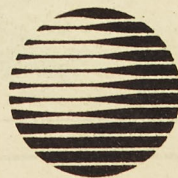
And if you're stuck in the same boat with a long distance company that doesn't give you all the services you need, it's easy to harbor mutinous thoughts.

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## Mine

by Harold  
Sunday's football  
Missouri Valley Vikings  
defensive struggle as  
possession of the  
second quarter when  
back Bob Farley  
away, the Miner off  
on the Vikings 11 yard  
in the half, junior  
Mueller broke the  
with a 1 yard plunge  
After Mo. Valley  
next drive and pun  
regained possession  
yard line. After three  
down, with seconds  
first half, Miner qu  
Haug spiraled a pass  
Hutchcraft. The fle  
outsprinted Viking  
Robinson and raced  
endzone at the buzzer  
kicker Jim Zacny  
point but Mo. Valle

## Pete R

by Michael  
Almost as often  
Anthem gets played  
Pete Rose gets boo  
plays with as much  
he did as a rookie is  
lie Hustle" and just  
the Man" Musial hi  
past a rookie secon  
Pete Rose.  
Rose's last caree  
come if Pete could  
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often outspoken R  
because of his uni  
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played for 22 season  
Among the record  
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bats, and career hi  
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## Experie

by Dale H  
Experience and th  
ley words used in d  
water polo team this  
team consists of ex  
started on last year's  
new experienced play  
Last year's polo  
against some of the  
around, including L  
ana, and Loyola Col  
ended up last season  
enth at the Indoor  
pionships in Indian  
UMR will be basi  
against the same tea  
with the biggest con  
from Loyola.  
The water polo tea  
Mark Mullins, who  
Pease as the aqua  
UMR. Coach Mulli  
play polo for Easter  
that this year's team's



## Miners thrash Vikings, 35-6

by Harold L. Willis

Sunday's football game against the Missouri Valley Vikings started off as a defensive struggle as both teams traded possession of the ball. Late in the second quarter when Mo. Valley fullback Bob Farley fumbled the ball away, the Miner offense took control on the Vikings 11 yard line. At 2:04 left in the half, junior fullback Tom Mueller broke the scoring deadlock with a 1 yard plunge into the endzone.

After Mo. Valley stalled on their next drive and punted, the Miners regained possession on their own 28 yard line. After three plays and a first down, with seconds left to play in the first half, Miner quarterback Brad Haug spiraled a pass to split end Ron Hutchcraft. The fleet-footed junior outprinted Viking defender Gary Robinson and raced 59 yards to the endzone at the buzzer. Freshman place kicker Jim Zacny missed the extra point but Mo. Valley, in their eager-

ness, jumped offside. Given a second chance plus a yard closer to the goal posts, Zacny split the uprights to give UMR a 14-0 lead at the half.

The second half started off like the first until Miner quarterback Brad Haug hit senior tightend John Gregorich for a 13 yard TD pass with 6:18 left in the third quarter.

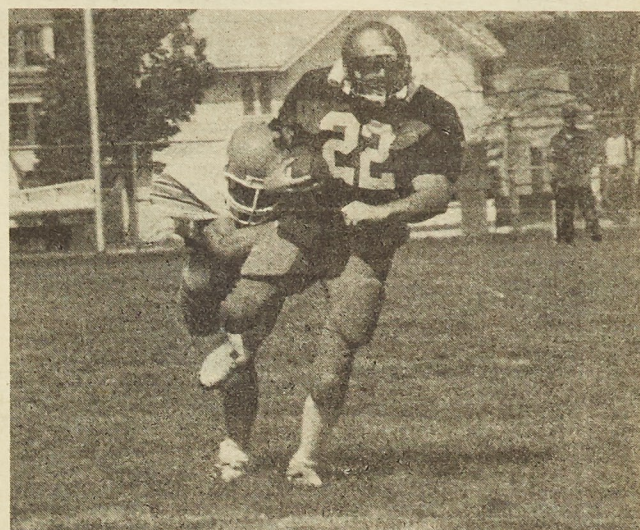
Realizing 21 points was enough to spot the Miners, Mo. Valley slot back Kurt Harris took the ensuing kickoff and ran it back 53 yards to the Miner 39 yard line. Viking quarterback Bob Ramsey found split end David McGehee for a 21 yard pickup to the Miner 18 yard line. With 5:42 left in the third quarter Ramsey then found split end Barry Seymore in the end zone for a touchdown. Mo. Valley then tried for two points but the pass to Seymore was no good.

Early in the fourth quarter head coach Charley Finley began sending in reserves which played off very well for

the Miners. Quarterback David Andrejewski orchestrated a touchdown drive that started on the Viking's 38 yard line, and at 11:52, sprinted four yards for the Miners fourth touchdown of the day. The junior quarterback again took over the Miner offense on the Viking 33 yard line. He spearheaded yet another touchdown drive. At 5:47 senior runningback Robert Kindred crossed the goal line from one yard out to make the final score: UMR 35 Mo. Valley 6.

Once again the defense displayed its ability to play well with senior linebacker Glenn Wilhelm making six unassisted tackles, senior defensive end John Frerking throwing runners for losses that totaled 33 yards, junior defensive backs Vernon Huggans and Ron Rolfes each snatching interceptions (which, by the way, is two for Huggans in as many games), a blocked punt and holding the Viking offense to

see Thrashing page 15



Halfback Mike Meyer penetrates enemy territory in the Miners assault upon the Missouri Valley Vikings. (Photo by Eric Topp.)

## Pete Rose deserves respect from fans

by Michael Blechle

Almost as often as the National Anthem gets played at baseball games, Pete Rose gets booed. The man who plays with as much enthusiasm now as he did as a rookie is nicknamed "Charlie Hustle" and justly so. In 1963 "Stan the Man" Musial hit his last career hit past a rookie second baseman named Pete Rose.

Rose's last career hit may never come if Pete could play as long as he wants. Whether you love or hate the often outspoken Rose, it should be because of his unique never-say-die intensity and quality with which he has played for 22 seasons.

Among the records he holds in major league baseball are games played, at bats, and career hits. While Rose's breaking of Ty Cobb's lifetime hit record is getting beat to death by the media, it is truly a milestone record for Pete and all of baseball.

Throughout Rose's career he has heard the National Anthem over 3000 times which must have inspired him to get his 4000 plus hits. To do this he had to average nearly 200 hits in every one of his 20 plus seasons.

His head first, belly down slide became imitated all throughout baseball and sent many base-stealing little leaguers home with dusty faces and dirt filled mouths.

Rose will never reach Cobb's lifetime batting average of .367. Rose says today's lower batting averages are due to better pitching, fielding, and equipment. Rose's .305 average is one of today's best and is just one of the reasons he makes over \$11,000 a game.

What Rose has done as player-manager of the Cincinnati Reds is an accomplishment in itself. He has put together a team of both young and old players. Some of the old players were

also with the Reds back in their powerful days of the '70s. The Reds are no longer basement dwellers but a winning team and currently in the heat of a pennant race. So whether you boo or cheer Pete Rose, it should be out of respect for one of baseball's all time greats. In my opinion Rose should live, succeed, and yes even die in Cincinnati, the city which best appreciates Rose's one-of-a-kind winning attitude and drive.

There is no doubt Rose will make it to the Hall of Fame the day he becomes eligible. The hard part is predicting when he will finally give up baseball, a sport that has been very, very good to him. If Rose turns to managing exclusively we may never see that day. Pete Rose may be a cocky and arrogant talker but he is still one of the best that ever played the game and possibly the greatest competitor of all time.

## Experienced water polo team returns

by Dale Heuser

Experience and the depth are the key words used in describing UMR's water polo team this year. This year's team consists of every person who started on last year's squad, plus a few new experienced players.

Last year's polo team competed against some of the toughest teams around, including Iowa State, Indiana, and Loyola College. The Miners ended up last season by finishing eleventh at the Indoor National Championships in Indianapolis, Indiana. UMR will be basically competing against the same teams as last year, with the biggest competition coming from Loyola.

The water polo team is coached by Mark Mullins, who is replacing Bob Pease as the aquatic director for UMR. Coach Mullins, who used to play polo for Eastern Kentucky, says that this year's team's biggest assets are

the many talented and experience starters, plus the great depth of the rest of the team.

Returning this year, are the three main scorers of last year's team: Paul Pericich, Sean Underwood, and Doug Imire. Other high scorers were Scott Carney, Mark Wuttig, and Derek Coon. Still other returning members are Ken Pettry, Jim Wallinger, Dave Dehart, and Dave Barrett. Also joining this year's team is Rick Strom, who is a backstroker on the UMR swim team.

The goalkeepers for this year's team are Ralph Roessler, Mark, the albatross, Shlanta, and Paul Trice. "Ralph is going to help the team out a lot with all the experience that he gained over the summer," says Paul Pericich. Over this past summer, Ralph was the starting goalkeeper for the United States Deaf Olympic Water Polo team, which placed at the Deaf Olympics this

past summer in Los Angeles.

One more person who will be making a major contribution to the team is Rich Berger. Rich, who is a freshman this year, was a first team all-district polo player in St. Louis. "Rich, with all his experience and talent, will add a new dimension to the team," says veteran Scott Carney.

UMR's first water polo match will be Sept. 20 and 21 in Bloomington, Indiana at the IU Invitational. The Miners will only be playing at home once this year, and that will be the Annual Bud Light Invitational to be held Oct. 4 and 5. After competition, the polo team is expected to throw their annual fund raiser, which is the Annual Water Polo Party, which is always a good time. Make sure that you show up to cheer the water polo team onto victory, and celebrate with them afterwards.

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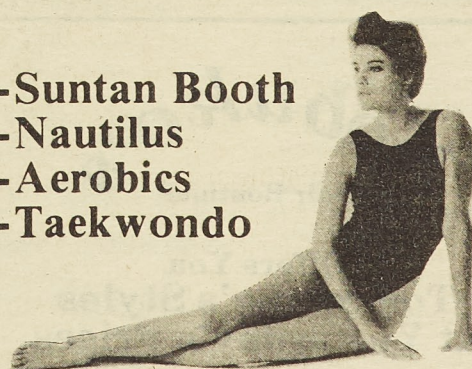
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## Sportsname

Unscramble the athletes' names below and then answer the Sportsname quiz.

RNO GILRADN

TALW ERLERLT

IMJ ESUNDRG

ELE ZILZILMA

RANKF NAANAT

What do all of the above players have in common?

Answers:

Ron Darling

Walt Terrell

Jim Sundberg

Lee Mazzilli

Frank Tanana

All of the above are former Texas Rangers.

## Students hit the Gridiron

by John Schwarz

Intramurals have begun with flag football in its second week of play. Organizations are starting their drive for the playoffs, set for the middle of October. The intramural meeting is set for Wednesday, Sept. 11 at 5:30, with golf, tennis, and horseshoes entries due. Complete team rosters for the organization are also due. Golf is slated for Sunday, Sept. 15 and Sept. 27, and tennis is scheduled to begin Sept. 17.



Sept. 16 6:30 Kappa Sig-Phi Kap  
8:00 Sig Ep-AEPi  
9:30 Sig Nu-KA

### Men's Division I

#### League 1

1. Sig Ep
2. PiKA
3. TKE
4. Lam Chi
5. Sig Pi
6. AEPi
7. Tech
8. KAPsi

#### Men's Division II

#### League 1

1. CCH
2. RHA
3. VETS
4. Theta Xi
5. TJ-S
6. AIAA
7. Sig Tau

#### League 2

1. Sig Nu
2. Beta Sig
3. Kappa Sig
4. Phi Kap
5. Campus
6. KA
7. GDI
8. Sig Chi

#### League 2

1. Triangle
2. Pi Kappa Phi
3. Delta Sig
4. BSU
5. Delta Tau
6. TJ-N
7. AF-ROTC
8. Alpha Omega

AIAA-Theta Xi  
Triangle-TJ N  
RHA-VETS



### Intramural football action

Mike Steagall, Sigma Phi Epsilon quarterback, looks for a receiver during his team's 40-7 win. (Photo by Eric Topp.)

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## X-C men and women run

by Mike St. John

The women's cross country team joined the men in competition at the Westminster quad last Saturday. Both the men and the women celebrated a first place. The men's team impressively won the meet and Julie Board set a personal record as she finished first in the women's race.

It was another very hot day, which makes Board's time of 19:35 for five kilometers all the more impressive. Amy Volmert also had an excellent run for the women and finished in fourth place.

Coaches Sarah Preston (women) and Dewey Allgood (men) were extremely pleased with the performance of their runners. "We did just about as good as we could have possibly hoped for," Preston said. Allgood continued his team strategy. "We

packed them together," he said. This really helps the men stay together and finish strong as a team, according to Allgood.

John Borthwick, Tim Swinford, Kurt Whittet, Jeff Balmer and David Vonarx finished third, fourth, fifth, sixth, and ninth, respectively, as they continued to redefine cross country as a team sport.

Cross country involves individual runners but the objective of the men's team is to win as a team. Chances are that if a Rolla man crosses the finish line first the team will win, because his teammates are close behind. Also, if the men do not have an individual win, chances are they will win anyway because when they finish, they finish together.

Sure, any team could have all of their runners run together but not

every team can win in the way of the Miners. They not only win but they win decisively, absolutely and unquestionably.

In Saturday's quad the Miners scored twenty seven points, which was nearly half of their closest competition. In cross country it is the low score that wins because a runner scores points corresponding to their finish. For example, the first runner scores one point, the second scores two and so on.

Rolla was followed by Northeast Missouri State University, Washington University, Lincoln University and Westminster College, respectively, in the men's team standings. The lady Miners took third as a team, following Northeast and Washington, while defeating Westminster and Lincoln. see Cross country page page 15

## Miners lose opener to Mo. Western

by Harold Willis

The Miners got off on the wrong foot with a 24-15 loss to the Missouri Western Griffons last Wednesday evening in St. Joseph, Missouri.

The Griffons drew first blood with a 38-yard field goal by Eric Bruder with 4:17 left in the first quarter. This was set up by a fumble from Miner quarterback Brad Haug on the UMR 8-yard line.

Missouri Western scored once in the second quarter on a drive that started on their own 28 yard line and culminated into a 6-yard touchdown pass from Griffon quarterback Andy Williams to receiver Eric Hoskins.

At the half, the Miners were in deep trouble with only three first downs and -13 yards rushing. The Griffons were not much better than that with seven first downs and 7 yards rushing but their passing attack was impressive with 103 yards to the Miners' 42.

Missouri Western jumped on the Miners early in the third quarter with the help of a fumble by senior running back Keenan Curry on a 64-yard touchdown pass from Williams to Hoskins.

By now this game had all the makings of a rout until 4:35 left in the third quarter when Haug lofted a 21-yard

touchdown pass to senior tight end John Gregorich.

"John started for us last season and adjusted very well after moving over from fullback. He caught nine passes this season," said Head Coach Charley Finley.

Freshman Jim Zacny added the extra point to make the score 17-7 after 2 1/3 quarters.

The Miners came to life after the ensuing kickoff when junior defensive back Vernon Huggans picked off an Andy Williams pass at the Griffon 45 yard line. That sparked quickly dwindled as the Miners were able to pick up only two yards and senior John Frerking had to punt the ball away.

Early in the fourth quarter the Miner defense picked up two points as a high snap went over the head of Missouri Western punter Brian Timmermeyer. When the Griffon punter recovered the ball, he was dropped in the end zone by senior defensive end John Frerking. At this point the score was 17-9 with the Miners having the ball—and time—on their side. But it was not meant to be as junior quarterback Brad Haug, once again, fumbled the ball away deep into Miner territory. This was all the Griffons needed, for on the next play, Williams threw an 18-yard pass to Hoskins

for a touchdown.

The Miners did not roll over and die at this point. At 1:24 left in the game, Haug hit senior split end Joe Schnefke for a touchdown. Down by nine points, the Miners went for two on a quarterback sneak but failed to get the ball in the end zone.

The biggest problem the Miners seemed to have was holding on to the football. They lost a total of five fumbles (three of which were recovered by the Griffons inside the Miner 18 yard line), and two interceptions.

The bright spot of the game was the defense. Senior linebacker Glenn Wilhelm had 12 solo tackles, two assists on tackles, and threw three runners for losses, while senior defensive end John Frerking also threw three runners for losses totaling 48 yards. The defense also recovered two fumbles, caused a safety, grabbed an interception and had numerous quarterback sacks. They played very well considering most of the time their backs were to the wall.

At a pre-season press conference head coach Charley Finley was quoted as saying, "Perhaps our biggest asset this season will be on offense." If the offense can gel and become an asset instead of a liability, the Miners can go far.

CAREER DEVELOPMENT MEET  
PERMANENT EMPLOYMENT  
WEEK OF OCT. 7-11, 1985  
Sign-up Location: Basement  
Sign-up hours: 8:00-1:00  
MOORE PETROLEUM ADDITIVE  
Interviewing DECEMBER 1  
with BS in Chemical, Mechanical  
Eng., G.P.A. REQUIRED  
ES/CH: Plant Process  
will have responsibility  
including design, modification  
chemical and energy balance  
ES/ME: Plant Mechanic  
with associated engines  
ES/EE: Plant Electrician  
PERMANENT VISA REQUIRED  
JOB LOCATION: Wood River  
INTERVIEWERS: W.E. Gar  
INTERVIEW DATE: Monday  
NUMBER OF SCHEDULES: 1  
PRIORITY SIGNUP: Friday  
REGULAR SIGNUP DATE: Monday  
BASF WILMOTTE CORP. - P  
Interviewing DECEMBER 1  
with BS in Chemical Eng.  
scored development Prog  
assignments in process eng  
letting, etc. U.S. CITIZEN  
REQUIRED  
JOB LOCATION: NJ, NY  
INTERVIEWER: unknown  
INTERVIEW DATE: Monday  
NUMBER OF SCHEDULES: 1  
PRIORITY SIGNUP: Friday  
REGULAR SIGNUP: Monday  
CHEVRON CORPORATION, S  
Interviewing DECEMBER 1  
with BS/MS in Petroleum  
Engineering, Production  
Engineering, U.S. CITIZEN  
VISA HOLDERS ONLY  
CHEVRON PREPARES A MIN  
RFP INTERVIEW  
STUDENTS SHOULD BRING  
TO INTERVIEW  
JOB LOCATION: Princeton  
Gulf Coast, Texas, Gulf  
Coast  
INTERVIEWERS: W.E. Gar  
INTERVIEW DATE: Monday  
NUMBER OF SCHEDULES: 1  
PRIORITY SIGNUP: Friday  
REGULAR SIGNUP: Monday  
JOHNSON CONTROLS, S  
Interviewing DECEMBER 1  
with BS in Electrical En  
tion Engineer or Sales  
will be posted at Line  
PERMANENT VISA REQUIRED  
COMMUNICATION SKILLS  
JOB LOCATION: southern  
INTERVIEWER: Jo Person  
INTERVIEW DATE: Monday  
PRIORITY SIGNUP: Friday  
REGULAR SIGNUP: Monday  
ETHYL PETROLEUM ADDIT  
Interviewing DECEMBER 1  
Chemical Engineering or  
tion is not available  
MUST BE U.S. CITIZEN  
2.7 G.P.A. REQUIRED TO  
JOB LOCATION: Stuart,  
INTERVIEWERS: unknown  
INTERVIEW DATE: Tuesday  
PRIORITY SIGNUP: Monday  
REGULAR SIGNUP: Monday  
SERVICES TECHNICIAN  
Interviewing DECEMBER 1  
Helen Oakes, P  
The following two divi  
will be interviewing on  
FLOPETROL, LINCOLN-HAM  
Interviewing DECEMBER 1  
with BS in ChE, EE, ME  
REQUIRED  
FIELD ENGINEER, U.S.  
VISA REQUIRED, 2  
JOB LOCATION: U.S./Can  
INTERVIEWER: unknown  
INTERVIEW DATE: Tuesday  
NUMBER OF SCHEDULES: 1  
PRIORITY SIGNUP: Monday  
REGULAR SIGNUP: Tuesday  
FLOPETROL, LINCOLN-HAM  
Interviewing DECEMBER 1  
with BS in ChE, EE, ME  
REQUIRED  
FIELD ENGINEER, U.S.  
VISA REQUIRED, 2  
JOB LOCATION: U.S./Can  
INTERVIEWER: unknown  
INTERVIEW DATE: Tuesday  
NUMBER OF SCHEDULES: 1  
PRIORITY SIGNUP: Monday  
REGULAR SIGNUP: Tuesday  
MARATHON OIL COMPANY  
Interviewing DECEMBER 1  
with BS in Petroleum En  
gineering, U.S. CITIZENSHIP OR PER  
JOB LOCATION: TX, LA  
INTERVIEWER: unknown  
INTERVIEW DATE: Tuesday  
NUMBER OF SCHEDULES: 1



# mplacement

## permanent

### CAREER DEVELOPMENT WEEKLY DETAIL SHEET PERMANENT EMPLOYMENT

WEEK OF OCT. 7-11, 1985

Signup location: Basement of the Buehler Bldg.  
9th & Rolla Streets

Signup hours: 8:00-10:30 for Morning Interviews  
1:00-3:00 for Afternoon Interviews

**AMOCO PETROLEUM ADDITIVES COMPANY, Wood River, IL**  
Interviewing DECEMBER 1985, MAY 1986 grads with BS in Chemical, Mechanical or Electrical Engineering. G.P.A. REQUIREMENT: 2.5

BS/ChE: Plant Process Engineering: Engineer will have responsibility for unit technical service, including design, modifications, and routine mechanical and energy balance tasks.  
BS/ME: Plant Mechanical Engineering: along with associated engineering in other disciplines.  
BS/EE: Plant Electrical Engineering: along with associated engineering in other disciplines.  
PERMANENT VISA REQUIRED FOR ALIENS.  
JOB LOCATION: Wood River, IL

INTERVIEWERS: W.E. Garmon & W.R. Case  
INTERVIEW DATE: Monday, Oct. 7, 1985  
NUMBER OF SCHEDULES: 1-BS/ChE  
1-BS/ME, EE

PRIORITY SIGNUP DATE: Friday, Sept. 20, 1985  
REGULAR SIGNUP DATE: Monday, Sept. 23, 1985

**BASF WYANDOTTE CORP., Parsippany, NJ**

Interviewing DECEMBER 1985, MAY 1986 grads with BS in Chemical Engineering. Technical Personnel Development Program which consists of assignments in process engineering, mfg., R&D, marketing, etc. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED.

JOB LOCATION: NJ, NY, MI, LA, NC, SC, WV

INTERVIEWER: unknown

INTERVIEW DATE: Monday, Oct. 7, 1985

NUMBER OF SCHEDULES: 1

PRIORITY SIGNUP: Friday, Sept. 20, 1985

REGULAR SIGNUP: Monday, Sept. 23, 1985

**CHEVRON CORPORATION, San Francisco, CA**

Interviewing DECEMBER 1985, MAY 1986 grads with BS/MS in PETROLEUM ENGINEERING for drilling, production, and reservoir engineering. U.S. CITIZENSHIP AND PERMANENT VISA HOLDERS ONLY.  
CHEVRON PREFERS A MIN. OF 3.2 G.P.A. OR HIGHER FOR INTERVIEW.

STUDENTS SHOULD BRING UNOFFICIAL TRANSCRIPTS TO INTERVIEW.

JOB LOCATION: Principal job locations are the Gulf Coast, Texas, Rocky Mountains, and West Coast.

INTERVIEWER: W.E. Frank

INTERVIEW DATE: Monday, Oct. 7, 1985

NUMBER OF SCHEDULES: 1

PRIORITY SIGNUP: Friday, Sept. 20, 1985

REGULAR SIGNUP: Monday, Sept. 23, 1985

**JOHNSON CONTROLS, SYSTEMS & SERVICES, Dallas, TX**

Interviewing DECEMBER 1985, MAY 1986 grads with BS in Electrical Engineering for Application Engineer or Sales Engineer. Job description will be posted at time of signups.  
PERMANENT VISA REQUIRED WITH ABOVE AVERAGE COMMUNICATION SKILLS.

JOB LOCATION: southwest

INTERVIEWER: Jo Persons; NUMBER OF SCHEDULES: 1

INTERVIEW DATE: Monday, Oct. 7, 1985

PRIORITY SIGNUP: Friday, Sept. 20, 1985

REGULAR SIGNUP: Monday, Sept. 23, 1985

**ETHYL PETROLEUM ADDITIVES, INC., Suquet, IL**

Interviewing DECEMBER 1985 grads with BS/MS in Chemical Engineering or Chemistry. Job description is not available at this time.  
MUST BE U.S. CITIZEN OR PERMANENT RESIDENT.  
2.7 G.P.A. REQUIRED TO SIGN ON SCHEDULE

JOB LOCATION: Suquet, IL (Metropolitan St. Louis)

INTERVIEWERS: unknown; NUMBER OF SCHEDULES: 2

INTERVIEW DATE: Tuesday, Oct. 8, 1985

PRIORITY SIGNUP: Monday, Sept. 23, 1985

REGULAR SIGNUP: Tuesday, Sept. 24, 1985

**SERVICES TECHNIQUES FLOPETROL, Melun Cedex, France**

The following two divisions of Flopetrol will be interviewing on Oct. 8, 9, 1985:

**FLOPETROL JOHNSTON-ATA**

Interviewing DECEMBER 1985, MAY 1986 grads with BS in ChE, EE, ME, Mining or PE for Field Engineer. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED. 2.75+ G.P.A. REQUIRED.

JOB LOCATION: anywhere in the world

INTERVIEWER: unknown

INTERVIEW DATE: Tuesday, Oct. 8, 1985

NUMBER OF SCHEDULES: 1 ea day

PRIORITY SIGNUP: Monday, Sept. 23, 1985

REGULAR SIGNUP: Tuesday, Sept. 24, 1985

**FLOPETROL JOHNSTON-NAM**

Interviewing DECEMBER 1985, MAY 1986 grads with BS in ChE, EE, ME or PE for Field Engineer. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED. 2.75+ G.P.A. REQUIRED.

JOB LOCATION: U.S./Canada

INTERVIEWER: unknown

INTERVIEW DATE: Tuesday, Oct. 8, 1985

NUMBER OF SCHEDULES: 1 ea day

PRIORITY SIGNUP: Monday, Sept. 23, 1985

REGULAR SIGNUP: Tuesday, Sept. 24, 1985

**NOTE: STUDENTS MAY SIGN ON ONE SCHEDULE ONLY.**

STUDENTS ARE ENCOURAGED TO ATTEND FLOPETROL JOHNSTON PRESENTATION ON MONDAY, OCT. 7

7:00 P.M., ZENOS INN

1621 Martin Springs Dr.

**MARATHON OIL COMPANY, Houston, TX**

Interviewing DECEMBER 1985, MAY 1986 grads with BS in Petroleum Engineering.

G.P.A. REQUIREMENT: 3.0

U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED.

JOB LOCATION: TX, LA, WY, IN

INTERVIEWER: unknown

INTERVIEW DATE: Tuesday, Oct. 8, 1985

NUMBER OF SCHEDULES: 1

PRIORITY SIGNUP: Monday, Sept. 23, 1985

REGULAR SIGNUP: Tuesday, Sept. 24, 1985

**NOTE: MARATHON OIL COMPANY WILL HOLD A PRESENTATION ON MONDAY, OCT. 7, FROM 7:00-8:00 P.M. IN CENTENNIAL HALL.**

**TENNECO OIL EXPLORATION & PRODUCTION, Houston, TX**

Will interview DECEMBER 1985, MAY 1986 grads with BS/MS in Petroleum Engineering for drilling, reservoir, production engineering; BS/MS in Geological Engineering for geological engineers. U.S. CITIZENSHIP REQUIRED.

JOB LOCATION: Houston, TX; San Antonio, TX; Lafayette, LA; Bakersfield, CA; Denver, CO; Oklahoma City, OK

INTERVIEWERS: Rodney Myers (PE); Pete Fender (CE)

INTERVIEW DATE: Tuesday, Oct. 8, 1985

NUMBER OF SCHEDULES: 1-PE; 1-CE

**NOTE: 6 INTERVIEW OPENINGS IN THE AFTERNOON ONLY FOR PE; 6 INTERVIEW OPENINGS IN THE AFTERNOON ONLY FOR CE. AFTERNOON SIGNUPS ONLY**

PRIORITY SIGNUP: Monday, Sept. 23, 1985

REGULAR SIGNUP: Tuesday, Sept. 24, 1985

STUDENTS ARE REQUESTED TO BRING COPY OF THEIR TRANSCRIPT TO INTERVIEW (OBTAIN FROM REGISTRAR)

**TENNESSEE EASTMAN COMPANY, Kingsport, TN**

Interviewing DECEMBER 1985, MAY 1986 grads with BS/MS in ChE or Comp Science.

ChE: Research, Development, Process Improvement, Technical Sales & Technical Service.

Comp Sci: Systems Development

U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED.

JOB LOCATION: Kingsport, TN, except Tech.

INTERVIEWERS: unknown

INTERVIEW DATE: Tuesday, Oct. 8, 1985

NUMBER OF SCHEDULES: 2 ea day

PRIORITY SIGNUP: Monday, Sept. 23, 1985

REGULAR SIGNUP: Tuesday, Sept. 24, 1985

**TOPAZ, INC., San Diego, CA**

Interviewing DECEMBER 1985 grads with BS/MS in EE - responsible for assigned product engineering including development of new designs, modifications of existing Topaz products, and special designs to customers' specifications.

Performs engineering work requiring a high degree of creative skill and independent judgment. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED.

JOB LOCATION: San Diego

INTERVIEWER: unknown

INTERVIEW DATE: Thursday, Oct. 10, 1985

NUMBER OF SCHEDULES: 1

PRIORITY SIGNUP: Wednesday, Sept. 25, 1985

REGULAR SIGNUP: Thursday, Sept. 26, 1985

**CONTROL SYSTEMS CORP., Kansas City, KS**

Interviewing DECEMBER 1985 grads with BS/MS/PhD in Electrical Engineering or Computer Science. Control Systems is a consulting engr.

firm specializing in real-time electronic control or bulk material handling and processing facilities. Reference brochures are available in the Career Development Library (2nd floor).

JOB LOCATION: Kansas City

INTERVIEWER: Ann Flynn

INTERVIEW DATE: Friday, Oct. 11, 1985

NUMBER OF SCHEDULES: 1

PRIORITY SIGNUP: Thursday, Sept. 26, 1985

REGULAR SIGNUP: Friday, Sept. 27, 1985

**THE PROCTER & GAMBLE COMPANY, Cincinnati, OH**

Will interview DECEMBER 1985, MAY 1986 grads with BS/MS in ChE for R&D Product Development: Process Development, Products Research, Technical Packaging, R&D/Product Development.

Outside U.S.A.: Additional job details will be posted at time of signups. MUST BE U.S. CITIZENS OR MUST HOLD PERMANENT IMMIGRANT VISA.

JOB LOCATION: Cincinnati, OH

INTERVIEWER: A.R. Spector

INTERVIEW DATE: Tuesday, Oct. 8, 1985

NUMBER OF SCHEDULES: 1 ea day

PRIORITY SIGNUP: Monday, Sept. 23, 1985

REGULAR SIGNUP: Tuesday, Sept. 24, 1985

**GENERAL MOTORS CORPORATION, Detroit, MI**

Interviewing DECEMBER 1985, MAY 1986 grads with BS/MS/PhD in Math, Ceramic, Chemical, Electrical, Mechanical, Metallurgical Engineering, Chemistry, Engineering Management, Engineering Mechanics, or Physics. Specific schedule information is not available at this time.

PERMANENT VISA REQUIRED.

G.P.A. REQUIREMENT: 2.8 MINIMUM

JOB LOCATION: U.S.

INTERVIEWERS: unknown

INTERVIEW DATE: Tuesday, Oct. 8, 1985

NUMBER OF SCHEDULES: 1 ea day

PRIORITY SIGNUP: Monday, Sept. 23, 1985

REGULAR SIGNUP: Tuesday, Sept. 24, 1985

**PROFESSIONAL SERVICES INDUSTRIES, INC., Oak Brook, IL**

Interviewing DECEMBER 1985 grads with BS/MS in GE for Geotechnical Exploration & Materials Quality Control.

U.S. CITIZENS ONLY.

JOB LOCATION: nationwide

INTERVIEWER: unknown

INTERVIEW DATE: Tuesday, Oct. 8, 1985

NUMBER OF SCHEDULES: 1 ea day

PRIORITY SIGNUP: Monday, Sept. 23, 1985

REGULAR SIGNUP: Tuesday, Sept. 24, 1985

**FISHER CONTROLS INTERNATIONAL, Marshalltown, IA**

Interviewing DECEMBER 1985, MAY 1986 grads with BS/MS in Mechanical, Chemical, Electrical Engineering or Computer Science for Applications Engr., Marketing, Mfg. Eng., R&D, Systems Engr., Finance. PERMANENT RESIDENT VISA REQUIRED.

STUDENTS ARE REQUESTED TO BRING COPY OF TRANSCRIPT TO INTERVIEW (OBTAIN FROM REGISTRAR).

JOB LOCATION: Marshalltown, IA & Austin, TX

INTERVIEWERS: unknown

INTERVIEW DATE: Wednesday, Oct. 9, 1985

NUMBER OF SCHEDULES: 1-BS/MS ChE, ME

(NOTE: Comp Sci majors will be limited to three (3) interview openings in the morning and two (2) interview openings in the afternoon. Remainder of schedule will be open to EE's.)

PRIORITY SIGNUP: Tuesday, Sept. 24, 1985

REGULAR SIGNUP: Wednesday, Sept. 25, 1985

**SIEMENS ALLIS, Dallas, TX**

Interviewing DECEMBER 1985, MAY 1986 grads with BS in EE, ME or Engineering Management for Sales Engineer. On-job-training as

Inside Sales with short training sessions at plants. Training approx. one year with permanent assignment where needed. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED.

JOB LOCATION: U.S.

INTERVIEWER: unknown

INTERVIEW DATE: Thursday, Oct. 10, 1985

NUMBER OF SCHEDULES: 1

PRIORITY SIGNUP: Wednesday, Sept. 25, 1985

REGULAR SIGNUP: Thursday, Sept. 26, 1985

**HOWARD, NEEDLES, TAMMEN & BERGENDOFF, KC, MO**

Interviewing recent grads (2-5 yrs), MAY 1986 grads with BS/MS/PhD in Civil Engineering for general Civil Eng. consulting work. U.S. CITIZENSHIP REQUIRED.

JOB LOCATION: varied

INTERVIEWER: unknown

INTERVIEW DATES: Thursday, Oct. 10, 1985

Friday, Oct. 11, 1985

NUMBER OF SCHEDULES: 1-10:10

PRIORITY SIGNUP: Wednesday, Sept. 25, 1985

REGULAR SIGNUP: Thursday, Sept. 26, 1985

**TOPAZ, INC., San Diego, CA**

Interviewing DECEMBER 1985 grads with BS/MS in EE - responsible for assigned product engineering including development of new designs, modifications of existing Topaz products, and special designs to customers' specifications.

Performs engineering work requiring a high degree of creative skill and independent judgment. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED.

JOB LOCATION: San Diego

INTERVIEWER: unknown

INTERVIEW DATE: Thursday, Oct. 10, 1985

NUMBER OF SCHEDULES: 1

PRIORITY SIGNUP: Wednesday, Sept. 25, 1985

REGULAR SIGNUP: Thursday, Sept. 26, 1985

**CONTROL SYSTEMS CORP., Kansas City, KS**

Interviewing DECEMBER 1985 grads with BS/MS/PhD in Electrical Engineering or Computer Science. Control Systems is a consulting engr.

firm specializing in real-time electronic control or bulk material handling and processing facilities. Reference brochures are available in the Career Development Library (2nd floor).

JOB LOCATION: Kansas City

INTERVIEWER: Ann Flynn

INTERVIEW DATE: Friday, Oct. 11, 1985

NUMBER OF SCHEDULES: 1

PRIORITY SIGNUP: Thursday, Sept. 26, 1985

REGULAR SIGNUP: Friday, Sept. 27, 1985

**NAVAL AVIONICS, Indianapolis, IN**

Interviewing DECEMBER 1985 grads with BS/MS in ME, EE, Electrical & Mechanical Engineers are utilized by the Naval Avionics Center in a variety of positions in research, product development, testing, industrial and mfg. areas in the field of aircraft and space electronics. U.S. CITIZENS ONLY.

JOB LOCATION: Indianapolis

INTERVIEWER: unknown

INTERVIEW DATE: Friday, Oct. 11, 1985

NUMBER OF SCHEDULES: 1

PRIORITY SIGNUP: Thursday, Sept. 26, 1985

REGULAR SIGNUP: Friday, Sept. 27, 1985

**ARKANSAS POWER & LIGHT COMPANY, Little Rock, AR**

Interviewing DECEMBER 1985, MAY 1986 grads with BS/MS in EE or ME. Specific positions not available could be in the Generation, Transmission or Distribution areas of the company.

U.S. CITIZENSHIP OR PERMANENT RESIDENCY REQUIRED.

JOB LOCATION: throughout the state of AR

INTERVIEWER: unknown

INTERVIEW DATE: Friday, Oct. 11, 1985

NUMBER OF SCHEDULES: 1

PRIORITY SIGNUP: Thursday, Sept. 26, 1985

REGULAR SIGNUP: Friday, Sept. 27, 1985

**CROWN ZELLERBACH, Hazelwood, MO**

Interviewing MAY 1986 grads with BS in ME, EE or Engineering Management for Project Engineering assignments leading to production supervision and/or engineering management. PERMANENT VISA REQUIRED.

JOB LOCATION: St. Louis (Flex. Packaging)

INTERVIEWER: unknown

INTERVIEW DATE: Friday, Oct. 11, 1985

NUMBER OF SCHEDULES: 1

PRIORITY SIGNUP: Thursday, Sept. 26, 1985

REGULAR SIGNUP: Friday, Sept. 27, 1985

**FRITO LAY, INC., Dallas, TX**

Interviewing DECEMBER 1985, MAY 1986 grads with BS in Chemical, Mechanical or Electrical Engineering for Mfg. Eng.

Frito Lay recruits technical grads who have a strong interest in mfg. operations into its 40 plants across the country. As an Assoc. Engr., will be assigned to plant engineering projects for the first year. These could include work in such areas as energy conservation, equipment repair, plant sanitation, plant expansion, etc. U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED.

JOB LOCATION: nationwide

INTERVIEWERS: unknown

INTERVIEW DATE: Friday, Oct. 11, 1985

NUMBER OF SCHEDULES: 1

PRIORITY SIGNUP: Thursday, Sept. 26, 1985

REGULAR SIGNUP: Friday, Sept. 27, 1985



## Wild, wooly B-ball

By Rick Sullivan

New York — Whitey "The White Rat" Herzog says Dwight Gooden deserves to win M.V.P. honors because without him, the Mets are just another team. Poor Whitey. He's never learned to think before he speaks, nor has he ever won his bout with jealousy.

Throughout all of this, and with Billy Martin breathing down his neck for rights to New York, Davey Johnson continues to be the model of class. Johnson never answers these motor-mouth managers, or players for that matter. It's as if he just listens and looks at them like they're NUTS! Right on, Davey...

Billy Martin does have a big mouth, but one must give credit where it's due, and the skipper has done a wonderful job and proven beyond a doubt that he is one of the game's best managers... Bringing Phil Niekro to Atlanta in 1986 and having him manage the Braves is a great idea, but the Braves are still going to be losers.

Ted Turner, with all of his great investments and millions, has somehow got himself a group of first-rate losers running the show in Atlanta. I think it's about time that Teddy clean hose and give "Nuxie" some first-rate front-office people to work with and build a firm foundation for the future.

If Jerry Falwell loves South Africa so much, why doesn't he buy the Cleveland Indians or Pittsburgh Pirates and move them there — I don't think either the good folks in Cleveland or Pitts-



burgh would mind. Did you ever get the feeling that Falwell is the George Steinbrenner of the clergy leaders? Teams to watch out for in 1986 include Minnesota, Seattle, Cincinnati and Philadelphia.

## UMR Rugby rolls on

by David Zimmerman

The Rugby Club kicked off the fall season with a rugby marathon that took place last weekend. The team was scheduled to play the first side of Black Sheep at 11:30 a.m. The second siders finished up the afternoon with a match against Oklahoma's second side. Due to unwanted scheduling, the day evolved into an enduring day of rugby. Throughout the games one of the greatest controlling factors that led to success was not only the team's skill, but its ability to play with the temperatures climbing to 100° F on the field.

The first game began with Rolla opposing the St. Louis Hornets rugby club. The team was organized and positioned by their team captain, Jim Adkins. Within the first minute of play, Chris O'Callahan made an incredible dash encompassing to score the team's first tri-zone, and set the pace for the rest of the match. Mike Eversmen contributed to the score board with several posts. After the victory for the first siders, it was up to the second siders to carry on the trend against the Hornets.

The second siders took the field and sweated with anticipation. It was apparent that it was the first game for many of the players, but by no means was Rolla out of the game. They gained more knowledge of rugby with every

completion of a play. After the dust had settled, the score remained Rolla six the Hornets seven.

The feature game of the day was between the Bumblebees and the Oklahoma Rugby Club which is ranked fifth in the nation. It was a chance for Rolla to expand themselves and learn techniques from other ranked clubs. Throughout the match some very exceptional rugby was played by both sides. Towards the last fifteen minutes of the match, Rolla's energy and skill seemed to be withdrawn by the heat. The victory against the heat and opponent was won by Oklahoma.

Rolla's second siders again manned the field for the fourth and final game against the Black Sheep's second side. The match consisted of two short fifteen minute halves. Most of the Black Sheep's second siders were fresh from the side lines and pumped with excitement. The Black Sheep dominated a good part of the game with Rolla having a few key plays. The heat and the length of the previous matches had a great effect on the Bumblebees.

The next outing of the Rugby Club will be September the 14th. The game will be played against the Royals at the intramural fields on Fraternity Row at 1:00 p.m.

## Alpha Phi Alpha 3 on 3 Tournament

by Harold L. Willis

Alpha Phi Alpha Fraternity, Inc. in conjunction with Fred Voss and Coors sponsored their first annual three-on-three basketball tournament Saturday, September 7. The tournament will run for the next two consecutive Saturdays. 24 three-man teams entered paying \$5 per team. All money raised will be donated to the USA For Africa Relief Fund. Community as well as campus teams have entered.

Prizes awarded will be six trophies three for the first place team and three for the second place team, T-shirts for those teams who make it to the semifinals and free Wendy's coupons for all teams that have entered.

All games being played at the outside basketball courts by the intramural fields. Check the schedule in the Miner for times.

Team	Time	Court
BSU-Zig Zag	10:00	A
Lam Chi-Beta Sig	10:00	B
JRS-NSBE	10:20	A
P&G Machine-Kappa's	10:20	B
Flamethrowers-Natl's	11:00	A
Newsom-The Doctors	11:00	B

## Roommate

from page 13

music. She did enjoy the party atmosphere though.

During her stay in the United States, she would like to see more of the sights in this country.

So far, it's been really interesting living with a foreign-born student. I

have learned about her culture and ways. I've already tasted some of the spicy Sri Lankan dishes. She's very fond of seafood and curry dishes.

Well, "Ayubowan!" which is the traditional greeting and goodbye in Sri Lanka meaning "may you live long."

## Rolla's rock review

by Rich Wilson

Tina Turner is the hottest act on three continents

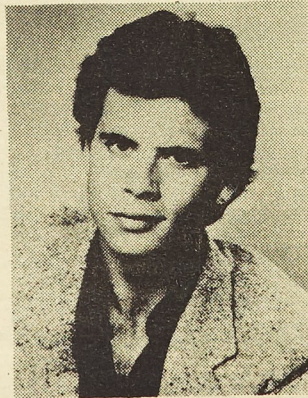
If you love listening and looking at Tina Turner, you'll love reading all about her in her new book, "Tina." The Tina Turner story is written by Ron Wynn and is available from Collier Books—a division of the MacMillan Publishing Company.

The book reveals all the details of a dramatic and compelling life from her childhood to the grueling tours in the early years with The Ike and Tina Turner Revue, the recording of her smash hit, "River Deep, Mountain High," and her opening performances for the Rolling Stones, right up to her co-starring role with Mel Gibson in "Mad Max III" and the triple-platinum, "Private Dancer."

For the first time, an intimate portrait in fabulous color and rare black-and-white photos and text provides a unique private view of the many sides of Tina Turner, mistreated and abused wife, sultry singer, "sexy godmother of rock" (Newsweek), mother, superstar and survivor.

Ron Wynn is a well-known music columnist who has contributed to The Boston Phoenix, the Village Voice, and Rock and Roll Confidential. He hosts a soul and pop radio show and a jazz program in Bridgeport, CT.

Bits 'N' Pieces—The Bruce Springsteen concert was great at The Meadows in New Jersey. However, some jerk told me he had just purchased a ticket for \$700—a ticket that had an actual \$17.50 value. What makes Bruce more exciting than Michael Jackson? Consensus: Folks can relate to Bruce, while Jax is "fantasy-plastic"... I can't wait to see how Apollonia gets on in her new role in "Falcon Crest" this fall on CBS. It is widely well-known that Jane Wyman rules with an iron-clad hand on the set, so the off-screen antics should be even more suspenseful than this great series. It seems Apollonia is going to become romantically involved with Lorenzo Lamas on the show as he decides to buy a radio station in San Francisco, the value of Apollonia is to beef up the show and outrun its competitor, "Miami Vice," so I am sure we'll get to see and hear her sing as well as act... Speaking about the air waves, Yoko Ono is currently in session with "All My Children" honchos discussing a guest role on the show. Yoko has stated that she wants to be more in the public eye and has chosen television as her next venture—it has to be a timid/nice role, though... Phase I Video in Manhattan has released Frankie Goes to Hollywood's video, "Relax, Don't Do It." MTV decided not to air the video which depicts a free-for-all fist-battle between Ronald Reagan and deceased



Soviet honcho Konstantin Chernenko—the video is a little outdated, but well worth viewing.

## Groundwaves

from page 9

wow! I'm taller than I remember... no, maybe I'm shorter. Oh well... it doesn't really matter. Seeing a can on the parking lot, I throw a rock at it... and, upon release of the stone, another and another and yet more race from my grip... each chasing the stone before... all missing the can... It doesn't really matter.

Stroll around town while awaiting a ride back to Rolla, extracting individual thoughts from the cascading turmoil of mindswell.

Roadshow: Rebuilt and ready to play... available via conversations with Kevin Knocke.

Beverage cans have replaced several albums.

Our librarian has replaced several several more.

The record labels have kicked out more than a hundred new albums since the semester started.

Music, music and more... new and old.

Artist features: all kinds, all styles. Every Monday from 6 til 9 p.m. These are tunes set for memorization...

Paraphernalia outlets: KMNR, End of the Rainbow, Eclipse Books and Comics.

Individual thoughts again fuse into a single entity, a turbulent fall of mental activity... Pick up another stone and throw a dozen... all missing the can... glance again at the car with visions of future sojourns on the trail of the Dead... Snapbug, too, is forever... Sit back down on the curb watching as the traffic's taillights paint red lines on the night air.

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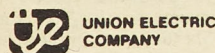
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# SPORT STUMPERS

Q. Name the four divisional winners in 1969—this was the first year in which each league went to an East and West format.

A. N.L. East: New York Mets; West: Atlanta Braves. A.L. East: Baltimore Orioles; West: Minnesota Twins



Q. What historical event took place in Game 5 of the 1956 World Series?  
Don Larsen of the Yankees pitches a perfect game against the Dodgers.

Q. Name the baseball manager who was referred to as "The Cricket."

A. Bill Rigney



Q. Name the last player to hit 10 or fewer home runs during the regular season, yet managed to drive in over 100 runs.

A. Willie Montanez with the Giants in 1975

Q. Who was the starting pitcher for the New York Yankees in Game One of the 1976 World Series?

A. Doyle Alexander

Q. Name the last major league baseball team Leo Durocher ever managed.

A. The Houston Astros

## Cross Country

from page 12

In addition to Board and Volmert, there were three other women who ran on Saturday. Janet Olson finished in the top half of the women. Missy Warfield competed in her first meet and was followed by Samantha Moss at the finish.

Moss ran on the team last year. Olson, however, is a newcomer to the team. She ran her first year in college at another school. Multi-talented Liz Haning, who also plays basketball and tennis, did not run on Saturday. Beth Mueller is also on the team but did not run.

Mike Deamer was unable to compete for the men because of a foot injury. He should, however, be ready

to go at the Southern Illinois University-Edwardsville Invitational this Saturday, according to Allgood.

Both Allgood and Preston assess the upcoming competition as being somewhat tougher than what they have faced thus far. The coaches were happy with the times of their runners but expect them to improve as the season goes along. Cross country promises to be exciting this year with winning runners improving all of the time.

Unfortunately, there is only one more local competition this season. It is the Miner Invitational on October 5th at the golf course. This meet may be your only chance to catch these excellent teams, so make plans to come out and cheer them on.

## Thrashing

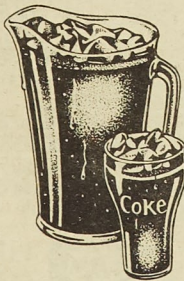
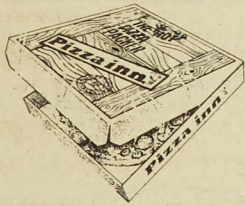
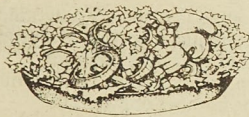
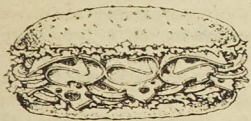
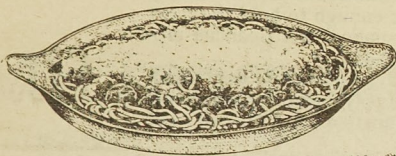
from page 11

146 total yards.

The Miner offense has greatly improved since its game with Mo. Western racking up 332 yards in total offense. Quarterback Brad Haug showed much improvement by completing 70% of his passes and throwing

for two touchdowns. The Miners seem to still have trouble holding onto the ball with four fumbles. They only lost one and had no interceptions which was a much needed improvement if they are to win the MIAA.

WE DELIVER IT ALL

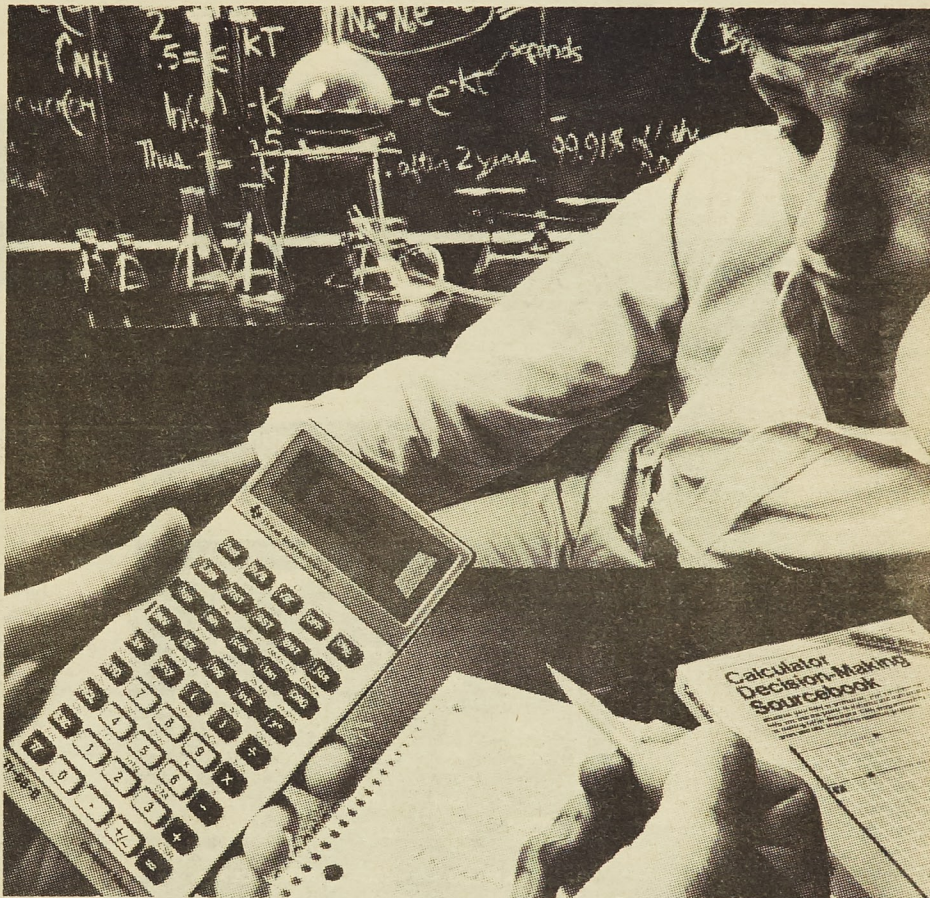


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## Rebel cause

from page 3

port their government, it is not the place of the United States to attempt to oust that government. Likewise, the fact that the Sandinista regime is communist does not eliminate Nicaragua's right as a sovereign nation to determine its own form of government.

Apparently the current administration considers these arguments to be inconsequential. However, Congress has repeatedly made it known that the United States has no business supporting the Contras.

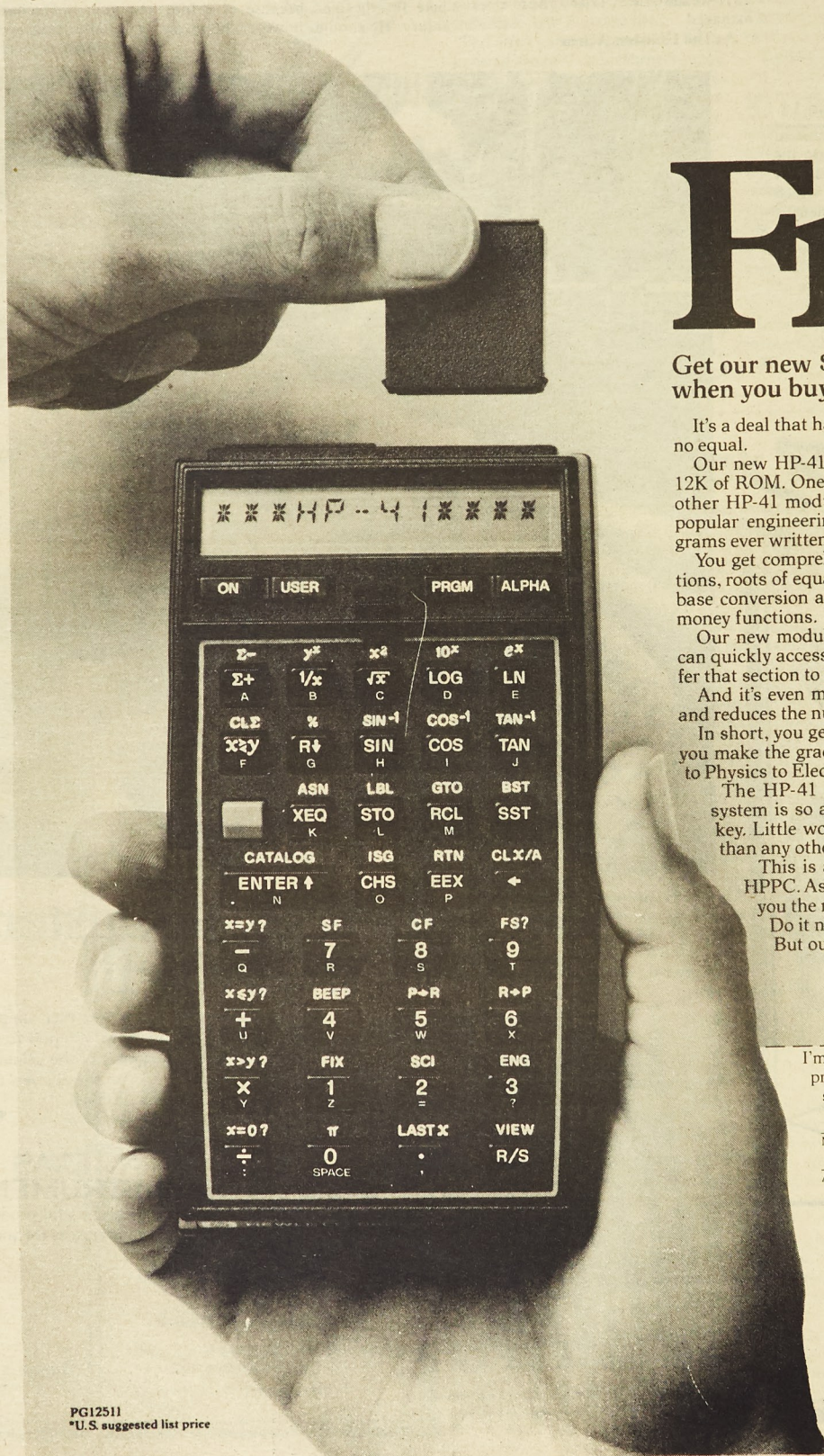
In 1982 Congress passed the Boland Amendment prohibiting the use of funds for the overthrow of Nicaragua's government. The adminis-

tration continued to support the Contras, "arguing it was not violating the law because its purpose in giving the aid was arms interception, even if the Contras' purpose was overthrow." ("The Return of the Imperial Presidency," by Kenneth E. Sharpe.)

In October of 1984 Congress made its meaning clear by passing a congressional ban on aid to the Contras. Now, it has been revealed that even this ban was ignored. Lt. Col. Oliver North of the National Security Council has helped reorganize and coordinate the rebels. Lt. Col. North also helped the Contras raise \$20 million in private funds.

Thus, President Reagan has routinely ignored the authority of Congress in order to pursue a policy that does not have enough popular support to be approved by Congress. Such actions must not be allowed to continue. As Americans we should demand the end of all U.S. involvement in Nicaragua. President Reagan must be held accountable to the laws of the land.

If we sincerely wish to improve life in Nicaragua, we should be attempting to aid the poor. Although conditions have improved under the Sandinista government, there is still room for large improvements.



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