



06 Nov 1975

## The Missouri Miner, November 06, 1975

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# missouri miner

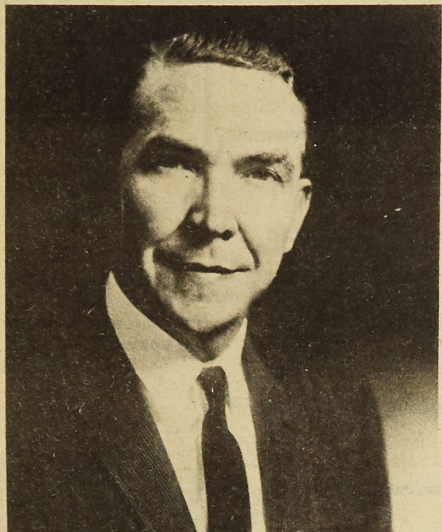


the missouri miner

rolla, missouri

volume 62, number 11

thursday, november 6, 1975



Professor Bernard R. Sarchet

## Sarchet Handed New Campus Responsibilities

Chancellor Raymond L. Bisplinghoff announced today that Professor Bernard R. Sarchet has been appointed executive director of external affairs at the University of Missouri-Rolla. The appointment is effective immediately and Professor Sarchet will also continue with his present responsibilities as chairman of the engineering management department.

## S.C. Searches For Body Opinions

The Student Council Student Referendum is now underway. Student Council representatives of the various living organizations on campus have received copies of the referendum and will poll their constituents during the following two weeks. On Wednesday and Thursday, November 12 & 13, a table will be set up in the University Center for the polling of unaffiliated students.

The referendum is a gathering of questions submitted by students interested in gaining student body opinion on various subjects. The questions deal with campus or organizational policies and wish to get student reaction to the policies' present and-or future forms. Also included with the Student Council's referendum is one submitted by the Athletic Department. The department is running a survey in regard to the interest of students in the carious sport activities. From this survey, the department will be able to determine the interest of the UMR student body.

The Student Council hopes that every UMR student will give his opinion by taking the small amount of time needed to fill out the referendum.

In his new position Professor Sarchet will report to the chancellor's office and will have line responsibility for the existing offices of alumni, development and public information. He will assist the chancellor in planning and implementing UMR's national development program.

This campaign is directed toward raising \$5,515,300 over a three-year period to supplement and complement state appropriations, fees, grants and contracts. The funds obtained will be earmarked for providing quality instruction to competent and dedicated students via student aid, library acquisitions and departmental renewal. Potential donors include industry, alumni, faculty and the public.

This three-year, \$5.5 million effort is the first step in a larger program extending over a 10-year period to provide about \$18 million. This amount is considered to be the minimum additional funds that will be required to provide highly qualified graduates from UMR to meet the social needs for adequate energy, essential food, natural resources and an acceptable environment in the decade immediately ahead.

Professor Sarchet came to UMR in 1967 after 26 years in various management positions with Koppers Company, Inc. He founded UMR's department of engineering management which in eight years had graduated 1,197 students at the bachelor's and master's level. The department has taken a position of national leadership among those institutions offering degrees of this type.

Sarchet holds degrees in chemical engineering from Ohio State University and the University of Delaware. He has also taken advanced management work at the Harvard Business School.

at St. Pat's Gym

## Roll Up Your Sleeves

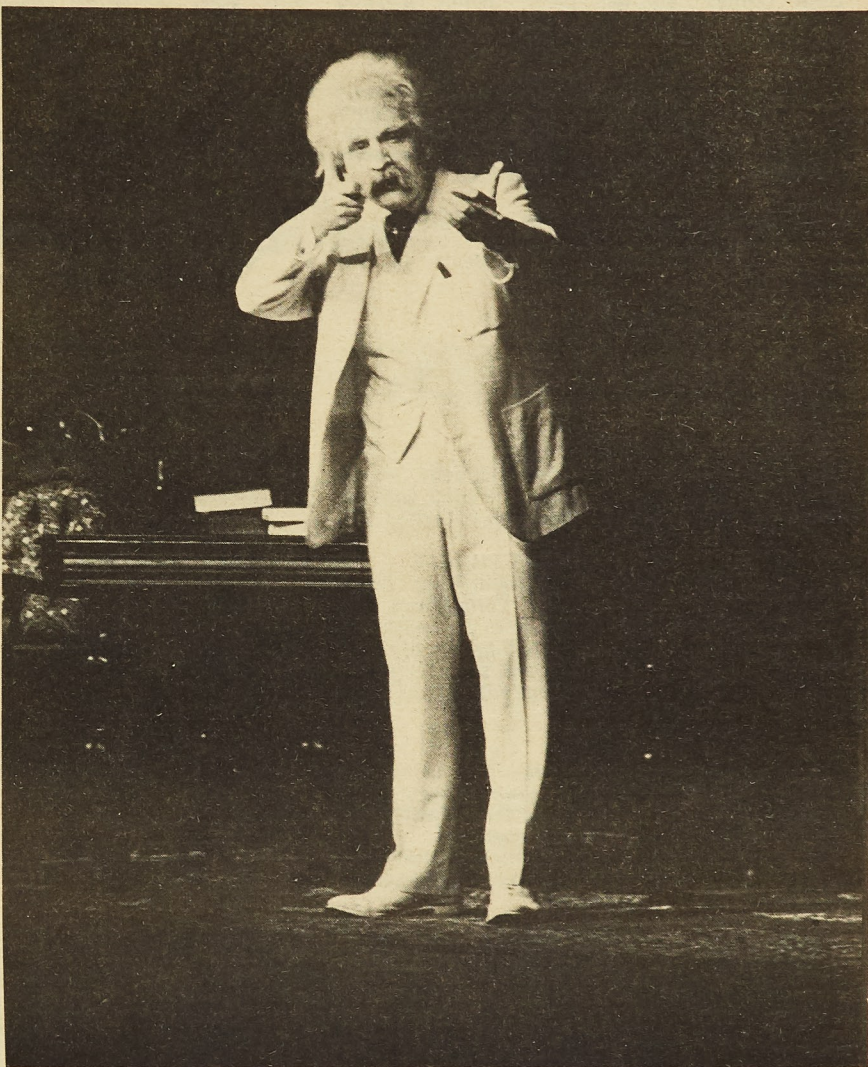
It's time again for another Blood Drive. The second UMR Blood Drive of the semester will be held next Tuesday and Wednesday, Nov. 11 and 12 from 10:30 a.m. to 4:00 p.m. The drive will be held in St. Pat's Church Gym, located on the

North end of campus on the corner of Vichy Rd. and Highway 63 (directly behind St. Pat's Church). Prizes will be given and a travelling trophy, sponsored by APO, will be awarded to the organization with the highest percentage of donors.

Be sure not to miss being a part of such a worthwhile cause.

If you have any questions, call Jeanne Achelpohl at 364-7591 or Mike Tugate at 364-2314.

Sign-up tables will be set up in the Student Union on Friday, Nov. 7 and Monday, Nov. 10.



## Mark Twain Travels To Rolla

On Tuesday, November 11, the Fine Arts Committee of the Student Union Board will present John Chappell's brilliant one-man production of "Mark Twain On Stage." Chappell takes the humor of Twain and presents it in the manner in which Twain might have presented it himself.

Chappell has studied Twain for many years. He has absorbed Twain's character by reading many of his numerous works.

This performance will be the creation of an illusion: The illusion that Mark Twain is once again living. Some of the

material is delivered verbatim, just as Twain wrote them. Other selections are topical, using satirical anecdotes and barbed comments as Twain might have done. While the general program is planned, many selections vary with spur of the moment decisions which fit the occasion.

Chappell has to go through very much preparation to make himself look like Twain. The final product took hours of practice and study. Also, the stage is set up to look like a lecture hall platform of 1910 might have looked: Arm chair, library table, and a reading stand, and other things

representative of this time period. Then Chappell, portraying the 70-year old Twain ambles onto the stage and the show begins.

Those who attend this show will get to see some of Twain's humor and how it fits in today's world. Twain once said, "It could probably be shown by facts and figures that there is no distinctly native criminal class except Congress." Yes, Twain said things such as this in the early 1900's.

This fine performance will be presented in Centennial Hall and is free to UMR students. For those who want fun and laughs, this is it!



# bullboard

MISSOURI MINER  
Thursday, November 6, 1975  
Page 2

## UNIVERSITY DAY

Saturday, November 8, 1975  
University Center

8 a.m.-1 p.m. — Registration  
8 a.m.-2 p.m. — Advisement (discussions with faculty, staff, students)  
8 a.m.-1 p.m. — Guided Campus Tours  
9 a.m.-2 p.m. — Campus Open House  
11:30 a.m.-1 p.m. — Lunch  
1:30 p.m. — Football Game — Miners vs. Eastern Illinois

## PHOTOGRAPHY CLUB

The UMR Photography Club will meet on Thursday, Nov. 6 at 7:30 p.m., in the Meramec Room of the New Student Union. Upcoming activities will be discussed. Everyone interested in photography is invited.

## SHORT-TERM LOANS

Students making short-term loans to cover semester tuition and fees MUST make application not less than two weeks prior to registration.

## UMR DAMES

UMR Dames will hold their monthly meeting Monday, November 10th at 7:30 in the EE Building, Room 105.

## ST. PAT'S PARADE

St. Pat's parade float theme for 1976 is "Machines that made America" only the first 11 typed descriptions relieved will be accepted for information, or to submit entries contact: Al Jare 364-9762.

## COMMENCEMENT ANNOUNCEMENTS

"Commencement announcements are now available for all graduating students in the Registrar's Office"

## CHI EPSILON

There will be a Chi Epsilon meeting on Thursday November 6 at 4:30 in Room 117 of the Civil Engineering Building. Officers will be elected for the spring semester.

## TRAP AND SKEET

There will be a trap shooting film Thursday, Nov. 6, 7:00 p.m., Room 102 EE. "Trap Shooting with the Remington Pros." Anyone interested is invited.

## STUDENT TALENT COFFEEHOUSE

The Social Committee of the Student Union Board will present a Student Talent Coffeehouse this Saturday, November 8, at 8:00 p.m. in the Snack Bar of the Old Student Union. There will be lots of music and singing, so be sure to come and see your fellow students perform. Admission is free with a valid UMR ID.

## ASME

The ASME will present Jim Redpath of Caterpillar speaking on "International Marketing, Sales Engineering, Product Support, and Service" with slides from Caterpillar's South African operation.

The meeting is scheduled for Wednesday, Nov. 19, at 7:00 p.m. in G-5 H-SS. Refreshments will be served and memberships will be taken.

## BICYCLE CLUB

Important Bicycle Club meeting 7:00 p.m. Tues. Nov. 11, 7:00 p.m. 105 ME. There will be a speaker on bicycle camping.

## RUSSIAN CLUB

The Russian Club will present "Art and Music in the Soviet Union," a color slide show and tape recording presentation by Dr. David A. Law, associate professor, in the Mark Twain Room. It will be presented on Monday, November 10, at 7:30 p.m. No admission is charged and the public is cordially invited.

## calendar of events

Nov. 7 — Openhouse, UMR Observatory, 7 p.m.-9 p.m. Free.  
Nov. 8 — University Day  
Registration, University Center, 8 a.m.-1 p.m.  
Advisement (discussion with faculty, staff students), 8 a.m.-2 p.m.  
Guided campus tours, 8 a.m.-1 p.m.  
Campus open house, 9 a.m.-2 p.m.  
—Football, Eastern Illinois University, Jackling Field, 1:30 p.m. Admission charged.

—Soccer, Southwest Missouri State University, Varsity practice field, 4:15 p.m. Free.

Nov. 11 — "The Ladder of Creation" from "Ascent of Man" series, 12:30 p.m., G-5 Humanities-Social Sciences Building. Free.

Nov. 14 — Openhouse, UMR Observatory, 7 p.m.-9 p.m. Free.

Nov. 15 — Swimming, Intrasquad, Multi-Purpose Building, 10 a.m. Free.

—Football, Northwest Missouri State University, Jackling Field, 1:30 p.m. Admission charged.

SUB

Nov. 8 — Student Talent Coffeehouse, Snack Bar Old Student Union, 8:00 p.m., free with valid ID.

Nov. 9 — Movie: "Dirty Harry", Centennial Hall, 4:00 and 6:30 p.m., admission charged.

Nov. 12 — Ballroom dancing lessons, St. Pat's Ballroom, 7:30 p.m., free with valid ID.

Nov. 14 — Dance: "Shawbuck", Centennial Hall, 8:00 to 12 p.m., free with valid ID.

Nov. 22 — Fall Fashion Show, Centennial Hall, 8:00 p.m., free with valid ID.

## sub movie

### "Dirty Harry"

Sunday evening, November 9, the Films Committee of the Student Union Board presents another movie for the UMR students. "Dirty Harry", starring Clint Eastwood and Andy Robinson, will be shown in Centennial Hall at 4:00 and 6:30 p.m.

Harry Callahan (Clint Eastwood) is the kind of cop that is safer to have on the police force than on the streets. Hot-tempered and carrying a chip on his shoulders, Harry fights crime by the rules ... his

rules. Underpaid and over-worked, he doesn't break a murder case, he destroys it. Harry is on the trail of a sniper who has been terrorizing the city with a series of brutal and unpredictable murders. He hunts the sniper down, tracking him day or night in relentless pursuit. A daredevil chase through the streets of San Francisco brings the movie to an unforgettable climax.

Don't miss this spine-tingling suspense drama. Admission is 25 cents with a valid UMR ID.

## interview schedule

November 11  
Amex Coal  
Mare Island Naval Shipyard  
Mallinckrodt

November 12  
Ebasco Services  
Mallinckrodt Services  
Allied Chemical  
American Electric Power (Mining)  
Whirlpool, Arkansas

November 13  
NOAA, Boulder, Colo.  
Western Geophysical  
Standard Oil of Indiana (Exploration Div.)  
Chicago Bridge & Iron

November 17  
U.S. Navy Recruiting

CPC International  
(Corn Products Div.)

November 18  
U.S. Navy Recruiting

November 19  
General Tire & Rubber Co.  
Washington University

November 20  
Fleet Missile-Naval

November 21  
National Security Agency  
Dow-Badische

December 2  
Energy Res. & Development  
Adm.



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## Minor Award of the Week...

...goes to the Theater Guild for surviving their trouble in Tahiti.

All Articles Turned in to the Miner For Publication Should be Typewritten.  
The Editor

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# Education in Question

This is the last in the series of articles on Chancellor Bisplinghoff's talk to the General Faculty.

**LOOKING TOWARD THE FUTURE**—Looking forward I would have to conclude that my view of the general outlook for the future is mixed, but generally optimistic. Insofar as additional support from state appropriations is concerned, I am not sanguine about quick relief from the current downward budget slide. In spite of the severity of energy, non-renewable natural resource and productivity problems in the state and the nation, I do not see science and engineering accorded a higher priority in our state system. The overall system in which we are embedded is simply tuned not to alter existing priorities but rather to expand and contract more or less uniformly. The total state appropriations for higher education in the state will very likely drift downward for the foreseeable future in terms of constant dollars, and in the absence of changes in existing priorities we will drift downward at roughly the same rate. Extreme pressures in the form of radical increases in students knocking at our doors will probably be required to tip priorities in our favor. Since this is our principal hope for increased recognition, it is worth analyzing in detail.

The number of students knocking at our doors during the next decade is dependent on at least three factors:

(a) Number of young people reaching college age.

(b) Number of young people reaching college age who have the background and ability to study science and engineering.

(c) Number of young people reaching college age with background and ability who actually choose science and engineering.

Let us consider each factor separately. The first can be disposed of quickly. The U.S. population between ages 18 and 21 is expected to be nearly constant at about 16,646,000 between 1975 and 1980, with a slow downward trend thereafter. The same observation may be made for the state of Missouri with the

comparable figure being about 375,000. Thus, for the first time in years, higher education will cease to be a growth industry. There is thus nothing in the total college-age population statistics that presages enrollment increases in higher education. These very statistics are, of course, also followed closely by

**"I do not see engineering and science accorded a higher priority in our state system."**

legislators and will be the principal reasons for leveling off and reductions in higher education budgets over the next decade.

Data relative to the second factor are naturally less definitive than the first, but the data available are not encouraging. Interest and ability in science and engineering are lagging in primary and secondary education. A national project of science testing conducted in 1972-73 by the Education Commission of the States under federal sponsorship of 9, 13 and 17 years olds showed an overall decline in science knowledge since 1969-70. A study of verbal and mathematical SAT score averages at UMR, as well as nationally, shows reductions over the past decade with the most pronounced reductions over the past two years. It is impossible to deduce numerical trends on the percentage of young people with the aptitude to study science and engineering, but is is clear from present indications that the percentage will be no higher than it has been during the past decade, and possibly lower. Thus, it must be concluded that the total students available and qualified—the total grist for our mill—will be level or drift somewhat downward over the next decade.

Turning finally, to the third factor, the number of people of college age with the background and ability who actually choose science and engineering. This factor, in my opinion, will

depend simply on the law of supply and demand. Radical increases in students knocking at our door will require radical increases in demand for our graduates in comparison with the demand for other graduates. This demand has in the past been made by government, universities and industry. It is not likely that there will be radical increases in demand for graduates by government and universities in the foreseeable future since some attenuation in spending will be required of both if state and national governments are to remain solvent. Radical increases in demand, if they are to exist at all, must come from the private sector.

## the library reviews necessary changes

Can't locate the book you need for a report that's due the next day? Only to find out some grad student has had it out for two and one-half years. A solution to this problem may be at hand.

Mr. Brian William, head librarian, says that a new uniform fine system will be tentatively tried. Also a month long circulation period will be put into effect. Under these new policies, a book must be brought into the library to be renewed, or a fine will be administered by Parker Hall.

"Rip-offs and vandalism" of library properties, major problems in the past, are giving way to a new one, that of underfunding. This has resulted in

the staff dwindling down to the bare minimum.

One more probable down fall of the library is it's filing system. Instead of the old reliable Dewey Decimal system they use the Library of Congress filing system. While most people are familiar with the Dewey Decimal system and can understand it, the Library of Congress system is hard to understand. For example, Law is filed under K, Math under Q and Fiction under Pz. The logic (if any) to this system escapes most people. One exception to the filing system is the periodicals, they are still filed under the Dewey Decimal system.

## miner news

Thursday, November 6, 1975

MISSOURI MINER

Page 3

### Needed- Views on Bands

By BILL BRAY

Within the past couple of weeks the Student Union Board in conjunction with KMRN aired a rap session dealing with SUB activities. In one segment of the talk show it was strongly suggested that the General Lectures Committee run a survey on board preferences, musical tastes, and concert production at UMR. Well, next week (Nov. 10-14) in the entrance foyer of the Student Union will be your chance to have your thoughts about General Lectures heard and of course there will be a list of bands for you to give your preference. For those interested in taking part in the survey, the rest of this article is devoted to describing various segments of concert production on this campus.

The essential steps we follow for any concert are (1) Concert

date and band selection, (2) Contact the necessary agents and book the band, (3) Find and book a sound and light system suitable to the bands needs, (4) Ticket sales and publicity, (5) The day of the concert—sound set up and the show, (6) The aftermath—did the campus like it? And what problems occurred? Every concert SUB put on follows these steps in one form or another.

There are two concerns to determine what bands are suitable for UMR: What does the campus want and our budget. The budget is estimated and must be approved in the spring preceding the given school year. The actual amount comes from your student activity fees and any carry over. Each semester you give \$2.25 to the General Lectures Fund. The General Lectures Committee feels that they know what kind of concert the UMR student

desires and that this money is being spent wisely. For further verification of our feelings, participate in the survey we are holding, starting Monday, Nov. 10. It is designed to benefit you and us.

After booking a band, the rest of the steps, excepting aftermath, are essentially mechanical in nature and General Lecture has been successful with these in the past. The aftermath—Did you like it?—Usually takes the form of what friends have to say. We need more than just what friends say, we want a large cross section of opinions. That's why it is important for you to take the time to fill out a survey and make helpful suggestions. Results will be published the following week in the Miner. Given the budget we have, and strong support and feedback from the student body, things can only get better.

## the missouri miner

The MISSOURI MINER is the official publication of the students of the University of Missouri-Rolla. It is published at Rolla, Missouri, every week during the school year. Entered as second class matter February 8, 1945, at the Post Office at Rolla, Mo., under the Act of March 3, 1879. The subscriptions are \$3.50 per semester. This MISSOURI MINER features activities of the students and faculty of UMR.

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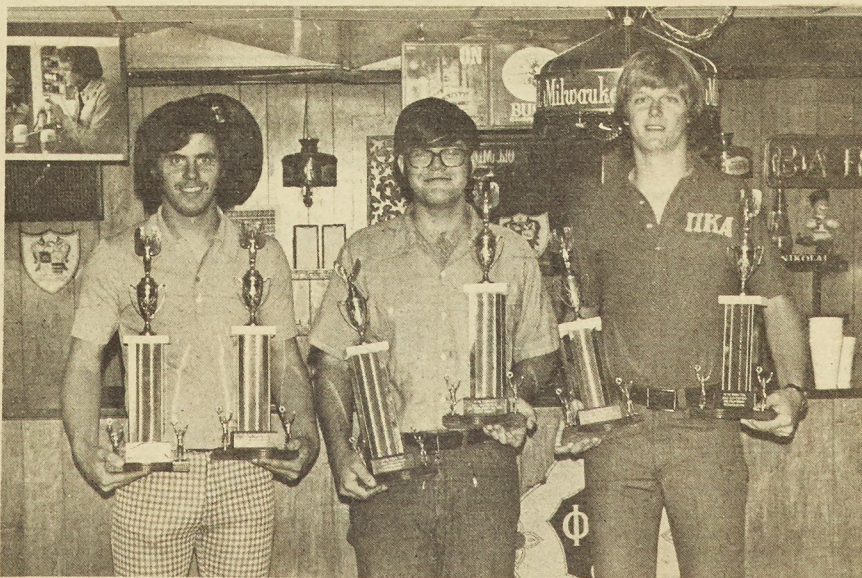
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Office Hours Are Monday and Tuesday, 1:00-3:00 in T-1.

Articles and photos for publication in the Miner must be in by 9:00 p.m. on the Monday before printing on Thursday.

Mailing Address - Missouri Miner, University of Mo. - Rolla



For a little effort you too can have fine trophies like these. First place in last year's Ugly Man contest for most money and most money per man went to House C. Accepting for House C is Rod Kirkpatrick. (Center) Also shown is Jeff Pose, (left), from second place House B and Mike Simac for third place Pi Kappa Alpha.

Photo by Burford



# insurance

## what does it all mean?

If you can read and understand your insurance policy, you are better off than most college graduates and probably 90 per cent of all policyholders.

When was the last time you sat down to look over your insurance policies? If you ever have at all, chances are you did not "look over" them very successfully without the help of a glossary of insurance terms and maybe even a lawyer for interpretation.

Traditionally, insurance policies have not been written for the information of the policyholder, but rather for the purpose of preventing unintended court interpretations. Unfortunately, this has left the policyholder trying to untangle a mass of legal terms.

One readability test shows the communication problem. It was created by an authority on language and communications and bases the ease of reading on average sentence length in words and the average word length in syllables. It also takes into account the percentage of personal words such as his, you, my. The scale ranges from zero to 100—the lower the score, the more difficult the reading. According to this test, most insurance policies score in the minus range, escaping the understanding the average college graduate.

Another survey shows that only slightly more than one-third of a group of 17-year-olds with superior reading skills can understand what a typical automobile insurance policy would pay if the policyholder injured another person in a car accident.

Another national opinion survey shows that only about 10 per cent of all policyholders actually read their policies when problems arise. The rest turn directly to their agents or companies, probably because they do not understand their policies.

The readability of insurance policies has been an issue for the past ten years. Several state insurance commissioners set a precedent not long ago by rejecting policies for their lack of clarity. Since, the, insurance companies have been giving more attention to the readability of their policies.

Two companies in Missouri are now using simplified auto insurance policies designed for the policyholder to understand. A simplified homeowner's policy and commercial policy also have been filed with the Division of Insurance and are now under consideration.

This marks a welcomed breakthrough in the insurance industry. To show support for the action, consumers should indicate to their companies the desire to have a clearer explanation of coverage. Though there are other important considerations in buying insurance, understanding the insurance contract should be a major factor.

When shopping for insurance, what specifically should you look for in an insurance policy? First of all, you should make sure it is tailored to your needs. There is no typical or best insurance policy. All are individualized. Some of the important variables are:

- the amount of coverage
- an accurate description of property covered
- exclusions or deductions
- premium rates
- length of coverage

Most of all, make sure you understand what you are paying for to be insured.



The St. Pat's Board is sponsoring a contest for the best bumper sticker slogan involving St. Pat's. First prize is \$10; give your ideas to any Jr. Rep. Shown are the sweatshirt design contest winners. From left: Secretary Rich Markey presenting the second place check to Mike Johnson, and Don Short receiving the first place prize from Treasurer, Roland Poertner.

Photo by John McLaughlin

## Electrical Engineering Honor Society

Eta Kappa Nu, the national electrical engineering honor society, initiated fifteen new members at the Initiation Banquet held on Saturday, October 25th, in Centennial Hall of the University Center. They were Dennis Appel, Mark Call, Phil Chicoineau, Jim Godar, Vicky Headrick, Ross Livengood, Bruce Lowe, Bill Maples, Mark Mills, Charles Nchako, Dave Perry, Tom Pond, Bob Wright, Dave Begley, and Sherman Griffith.

The guest speaker was Mr. Armin Bruning, Vice President of Engineering, with the A.B. Chance Co. in Centralia, Mo. He spoke on the challenging future ahead for Electrical Engineers in the area of developing nuclear power sources and the creation of new equipment for the transmission and distribution of electrical energy.

The UMR HKN Chapter provides tour guides for

University Day, presents an award at the science fair, sponsors the Electricity and Electronics merit badges in the Merit Badge University Program, and sends candy to Boys' Town after pledge quizzes.

Past projects have included the construction of learning devices for the Rolla Diagnostic Clinic, requiring housing projects, and the selection and layout of equipment for the EE Study Lounge made possible by funding from the Emerson Electric Co., St. Louis, Mo.

A EE T-shirt design contest is presently in progress and plans are being made to provide EE61 and EE63 help sessions.

The Gamma Theta Chapter of the Eta Kappa Nu Association awarded its Fall 1975 Scholarship to Paul Abney. The selection was made by a committee composed of Electrical Engineering Faculty on the basis of scholarship and need. The scholarship was

primarily funded by money coverage up to \$150 in equipment obtained from lab insurance ment damage in the electrical sales. Each semester, policies engineering laboratory are sold for \$1.50 which provide caourses.

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## \$33,500,000 Unclaimed Scholarships

Over \$33,500,000 unclaimed scholarships, grants, aids, and fellowships ranging from \$50 to \$10,000. Current list of these sources researched and compiled as of Sept. 15, 1975.

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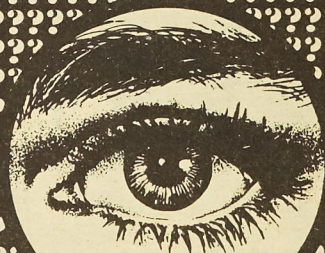
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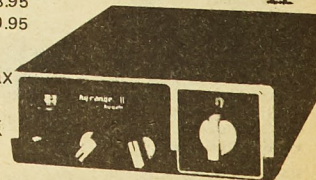
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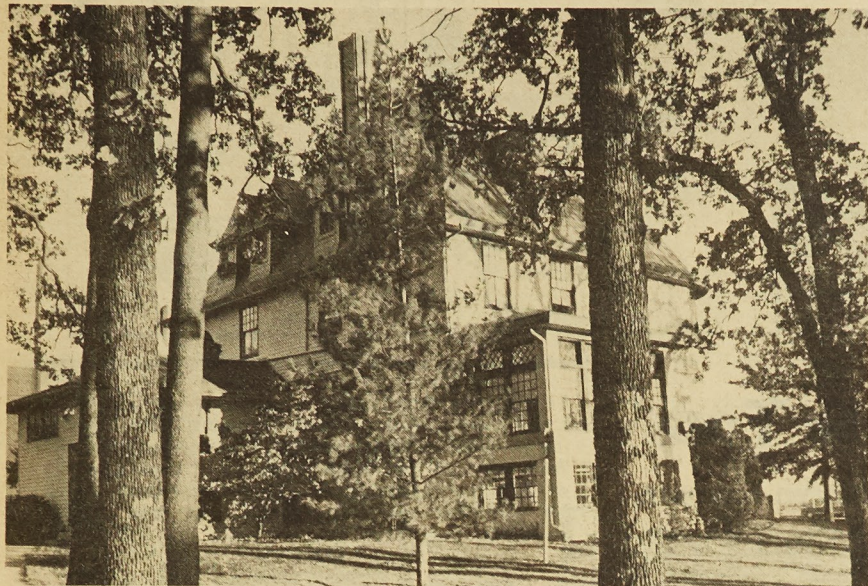


# features

MISSOURI MINER  
Thursday, November 6, 1975  
Page 5

## inside the chancellors' house

by **BRUCE SCHALLER**



The Chancellors residence at UMR has been a local landmark for almost 80 years.  
Photo by Burford

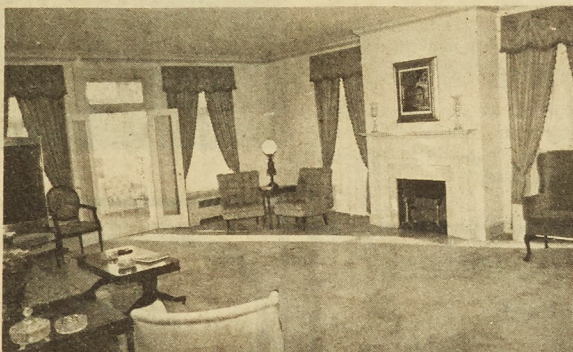
The chancellors' residence on our campus is probably the most noticed and least talked about of all the structures. The twenty-eight room, three story "castle" will be eighty years old soon and has been home to UMR chancellors for a long time.

Our current chancellor, Dr. Bisplinghoff, has plenty of places to "hang his hat" as he is the only resident of the green building. Two housekeepers are employed to take care of the residence. They are Juanita Waters, who cooks for the chancellor and does the housework, and Saul Palmer, the chancellors chauffeur.

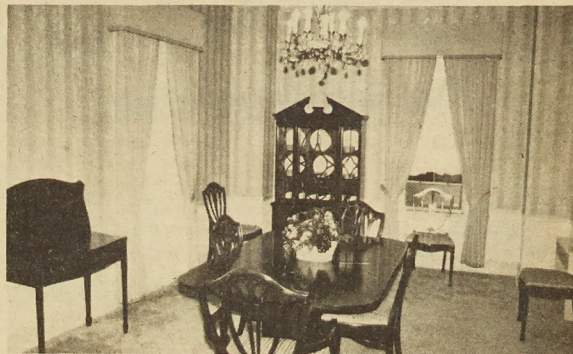
The interior of the house is well furnished, but is not elegant or lavish. Much of the furniture is left from Merle Bakers' term as chancellor. The interior of the building is in the process of being completely refurnished, with work currently being focused on the second floor.

On the first floor are found the living room, dining room, kitchen, sun porch, and two bedrooms, one of which is the chancellors. Five bedrooms are located about the second floor, along with Dr. Bisplinghoffs home office. The third floor is a collection of small rooms, three of which could be used as bedrooms. Merle Baker had his office in a very secluded room on this floor. The residence is completed by a basement, used only as a wash room and for general storage.

Dr. Bisplinghoff's dog, Luke, makes his home in a small pen connected to the garage behind the house. An iron pocket fence surrounds the well kept yard, home sweet home for the chancellor!



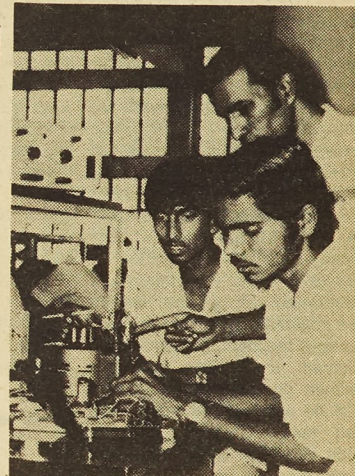
A view of the spacious living room from the foyer of the residence.  
Photo by Burford



The dining room for the chancellor's residence is simply furnished, but attractive.  
Photo by Burford

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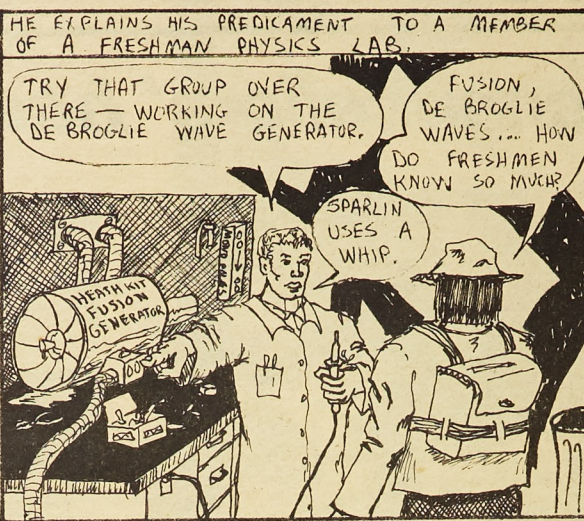
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# Chapter 6 Verse $i - i \hbar \frac{\partial}{\partial t} \Psi$

J. D.



## Androgynous Zone

### Children Are People Too

by Kathryn Lancaster

One of the first objections to women's liberation is "but who's going to raise the kids if mom has a career?" (This statement holds at least twenty-seven misconceptions. A career is not necessary for liberation—many women with careers are not liberated.) But, the essential question makes an excellent forum to discuss the American phenomenon of over-mothered, under-fathered child-rearing. Regardless of the trendy alternate lifestyles of day-care, open marriage, and communal living, the women are still making the coffee and tending the babies. Whether at Harrod or in the U.S.S.R., women doctors and engineers still do most of the housework and potty training. They've been liberated to do twice the work.

The answer is, fathers and mothers will share the responsibility of raising children.

Over the last decade, the maternal instinct myth has been exposed and hopefully buried. The culture teaches women to be mommies, discourages men, and then claims the instinct for parenting is unique to women. Women, alone in suburbia, have been delegated far too much power over small innocent psyches. Mom, neighborhood women, and women elementary school teachers are the primary influences for children during the Wonder years. This grossly unhealthy imbalance breeds domineering, devouring, Sophie Portnoy's smother love. Momism creates boys who are little kings being waited on hand and foot by a servile mother, then by a servile wife. The sacred motherhood myth is a real crock of sexism. If there is any romantic desire to resurrect the myth, just look into the eyes of a neglected or battered child. There is no maternal instinct, just a human love for children.

Liberated men and liberated fatherhood will have to move into brave new territory. Guidelines are scarce. Small steps are being taken, as with Lamaze childbirth, but there's more to parenting than twelve hours of cheerleading.

A real block to effective fathering is that many men are emotionally constipated. After

learning their lessons well, "big boys don't cry," it is all but impossible for most men to relate to children (or anyone else for that matter) on any but the most superficial level.

Fatherhood is not aggressively bullying a son into man-type role-playing. (Cross my heart, I know a man who wanted a child to see whether or not he was sterile—the other side of the proving-one's-virility coin.) Nor is fatherhood just busywork such as chauffeuring the children to kid club activities. Parenting requires being in tune with one's own feelings as well as the child's. Effective parenting explains

life's crises, such as anger—that it's inevitable, normal, reasonable, controllable, and the proper expression thereof. And after the discussion you can go to the Dairy Queen.

Parenting can be such a hassle, like when you spend six hours trying to dislodge a baby sock from the water pump of the washing machine. And, parenthood can be one of life's best highs, like when the three year old hugs his little sister and calls her "Honey."

And can we see some daddies doing their turn at the Co-op nursery, especially during holiday break?

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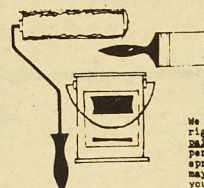
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## ediletters

### Parker Hall "renovated"?

#### Speculations on "Getting Involved"

Dear Editor:

I was intrigued at the letter from N. O. Hope in last week's Miner. Apathy has been quite prevalent the last couple of years. But I think there might be more than just apathy or laziness on campus.

Why is a Miner "afraid" to do something? I'm convinced that there are a couple of reasons. One of these is the old self-conscious problem of "What is somebody going to think of me if I do that?" "If I don't do anything then they can't talk about me because nobody knows I exist and they have nothing to ridicule me about." Another reason is the refusal to admit a mistake. If a Miner gets involved, there is a possibility of making a mistake, and Gee, "I

made a mistake, what is everybody going to think of me? Will I tarnish an All-American image of myself?" This campus is getting too full of sorry students who are "too proud", to lazy to figure out who they are, or maybe they are too good to "lower" themselves to working with someone who isn't afraid.

The academic world is only half of a college education—people are the other half. This world is made of people—not books or computers or robots.

I guess I forgot about the all time excuse of "I'm too busy" or "I've got to study so I can graduate." The only thing 99 per cent of the people are so busy about worrying about themselves. "I've got to study" is the greatest excuse of

"education".

I wish I knew the answer to some of this—but the only answer comes from each Miner when they take time to sit down, and really be honest with themselves—something I'm not sure many people can do.

One of these days, many Miners will realize what benefits they can reap and also wake up to the world.

Sincerely,  
Mit. B. Hope

P. S. My older brother wrote the first letter. After watching this campus for a few years, they named him N. O. As he grew up and did a few things, they took notice. When I came along, looking at my brother and what he had been doing, they figured there "Mit. B." Hope.

For the past few weeks we have been watching the workmen in their process of "renovating" Parker Hall. When they started replacing the lower windows we began to wonder where they had found metal fan windows for the upper floor. Then they started removing the fan windows and replacing them with unappealing metal blanks. We are sure there is some purpose in doing this, but we would like very much to know what it is, and why metal fan windows could not have been purchased and installed.

It is true that there are a few "run down" buildings on campus that could be made safer and more attractive inside, but this need not be done by sacrificing the exterior architectural features. UMR will never have an extremely

modern looking campus, so why should we let go of our past.

We are sure that the state architect had to approve these plans, just as he did for the hockey puck, and we have some words to share with him on the topic, but will refrain from doing so here. We only hope that he reads this and has an active imagination.

This all might sound rather trivial, but we have talked to a number of other students and they are just as much against this defacing of Parker Hall. We realize it is too late to stop this, but we hope it will affect future "architectural improvements." Are we building a bland school in an aesthetically deficient town? Doesn't appearance count for anything anymore?

S. Trent Parkhill  
Michael A. Haynes  
Michael E. Schaefer

T.M. equal

Quantum Mech.

Editor:

I read your article about Transcendental Meditation and was insulted. I have nothing against TM—you can compare it to deep sleep, ocean waves, or oatmeal cookies, but not Quantum Mechanics. If Schrodinger's cat saw that article, he'd turn over in his box. Probably.

Jim Detry

4.0's!

Dear Sirs:

A friend and I were recently discussing the probability of graduating UMR with a 4.0 grade point average. (Neither of us will succeed, this is already known). We were wondering if you had any knowledge of the last time a person graduated with such a grade point both in general and also specifically within the School of Engineering. If these facts are obtainable I would also appreciate knowing of such an accomplishment within the Electrical Engineering Dept. (My major).

Your research and time will be greatly appreciated.

Sincerely yours,

Greg Jennings  
506 N. Olive  
Rolla, Missouri 65401

Yes Greg, some people have graduated from UMR with a 4.00 grade average. In fact there were four in the spring semester of 74 from the School of Engineering, and one in the spring semester of 73 in Chemical Engineering. There are at least one or two a year graduating from UMR with a 4.00 grade average. If it's any consolation, Greg, Jack Faucett in charge of student's grades, could not recall anyone ever graduating with a 4.00 in EE.  
Linda Ponzer  
Staff Writer

# Graduating Engineers: If your heart's in San Francisco.....



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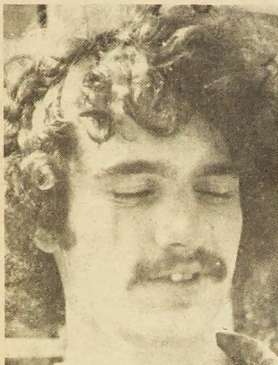


# snap shot



by Maria Duncan

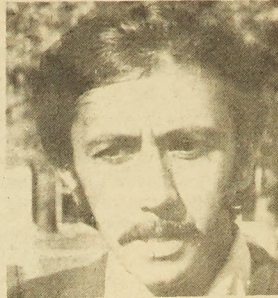
This Week's Question: Why are you studying at UMR?



Rick Webb: "I have always been interested in math and there are good job careers and opportunities at this school in mathematics."



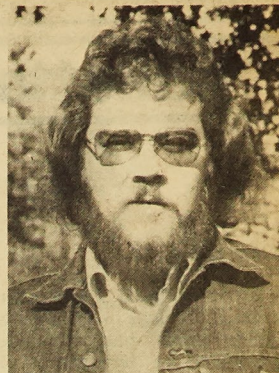
Carol Dickens: "It is close for me and since I am interested in nuclear engineering it was one of the few places around that offered it. It is a highly recommended school so I chose to go here."



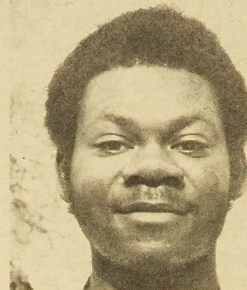
Jose Correal: "I am not an American, but I plan to stay in the U.S. and I feel that I can contribute best if I prepare myself for the future to help society and to help meet family responsibilities. I feel we need higher education to face and solve the problems in the future and it will be up to our generation to solve them. I went to school in Florida for awhile, but they do not offer degrees such as petroleum, mining, and nuclear engineering that will really have major importance in the future."



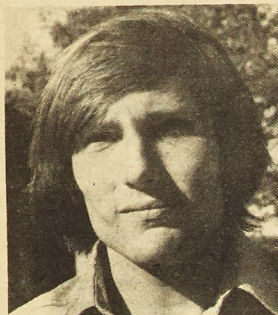
Ladawan Boonserasu Wong: "I like UMR and I feel they have a good ceramic engineering department."



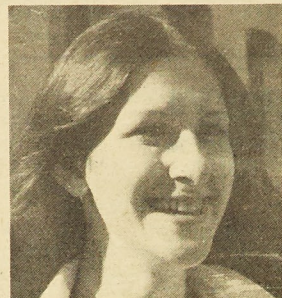
Michael Burns: "I am here because I have to be here. I am on the educational release program. I am majoring in psychology so I probably would not have come to UMR if I had had another alternative. However, I have been to many universities and I do think that UMR has one of the better psychology departments around, which surprised me. Had I known what I now know about UMR I think I would have come here on my own because it is a good school academically, the atmosphere for studying is good, and it is not as party oriented as a lot of other universities. These are needed for the education process. It has an educational atmosphere. So, I no longer feel as though I am being forced to be here, I feel as though it is my choice to be at UMR."



Tommy Noel: "I am working on my master's degree and since I have been here for four years, I know a lot of people here and I know how to get around. I feel UMR has a good engineering management program and it fulfills all my needs and gives me everything I will need to get into the working world and make a go of it."



Mike Lobbig: "I want to be an engineer and I want to go to a good school. I feel that this is about as good as you can get."



Cherri Finnell: "I am from Rolla so it is cheaper for me to go here. I am in the teacher education program and feel that Rolla gives me a good background to transfer to Columbia in the future."

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# miner sports

MISSOURI MINER  
Thursday, November 6, 1975  
Page 9

## Miners Remain Winless With Loss To Lincoln

The Miner football team played one half of fine football Saturday in Jefferson City, but in the second half they lost control of the game and Lincoln came back from an 19-7 deficit to win 28-26. Lincoln's explosive rally was touched off by a 67 yard touchdown pass on a fake punt play. Lincoln seemed to gain confidence from that tricky play, and went on to score twice more, to gain their first conference victory of the year. The loss puts the Miners firmly in the cellar of the MIAA with an 0-4 record.

On their first offensive possession of the game, the Miners drove 72 yards for a touchdown. Greg Haug directed the drive in fine fashion, and scored the TD himself on a 7 yard run. Mike Hobick's kick made it 7-0, and for the first time since the Pittsburg game, the Miner offense had scored.

Mark Mastroianni ended a Lincoln scoring drive early in the second quarter when he intercepted a pass from freshman quarterback Mark Scales on the Miner 28. From there the Miner offense began their second touchdown drive, which used 17 plays and lasted over seven minutes. Cliff Meisenheimer scored the TD, his first this year, on a 14 yard pass from Haug.

Six minutes later, Mike Hobick kicked a 25 yard field goal to give the Miners a commanding 16-0 lead, with only a minute and 36 seconds left in the game. But the Tigers returned the kickoff to the Miner 35, and two plays later scored their first touchdown on a 27 yard pass play. The Miners still had a 16-7 lead at halftime.

Early in the second quarter, Mike Hobick kicked a 42 yard field goal to increase the Miners margin to 19-7. The Miners seemed to be in complete

control of the game now, offensively and defensively. But with a minute and a half left in the 3rd quarter, the Tigers gambled on a 4th down punt play, and completed a 67 yard touchdown pass. The Miners had put on a big rush trying to block the punt, and the pass play caught them totally unprepared.

On the last play of the 3rd quarter, Lincoln picked off a Haug pass, and ran it 27 yards for a touchdown, putting LU ahead for the first time, 21-19.

The Miners bounced back from the two quick Tiger TD's, and drove 70 yards for a touchdown of their own. A 33 yard pass to freshman wide receiver Monte Morse, his only catch of the day, was the big play of the drive. Andy Cox scored the TD, on a 7 yard pass from Greg Haug, which gave the Miners a 26-21 lead which should have been enough to win the game.

Time was running short for the Tigers as they received Mike Hobick's kickoff, but the

time didn't really matter as Lincoln's West ran the ball back to the Miner 8 yard line. Two plays later, Franklin ran 3 yards for the deciding touchdown.

Offensively the Miners dominated LU, rolling up 333 yards and 21 first downs, compared to the Tigers 252 yards and 11 first downs. Big plays made the difference in the game.

Greg Haug was once again on target this week, completing 13 of 24 passes for 139 yards, and only two interceptions. Andy Cox had a good afternoon, pulling in 5 catches for 37 yards and one touchdown. Merle Dillow, who has little action this year because of injuries, pulled in 4 passes for 30 yards.

Steve Townsell seemed to be finally recovered from his ankle injury, as he rushed for 106 yards on 26 carries. Cliff Meisenheimer also had a fine afternoon, as he picked up 51 yards on 17 tries, and scored a TD on a 14 yard pass play.

## Women Enter State Play

The women's volleyball team reached one of their first goals last Saturday. This being that the team finished second in their district, which allows them to compete in the state championship meet held at Southwest Baptist college in Bolivar, Missouri this weekend.

Entering the UMR Tournament last weekend, the Miners and William Woods were tied for second place in district competition, each with a 5-3 district record. UMR also hosted Evangel College from Springfield, Missouri; Lincoln University from Jefferson City, Missouri; and Drury College, also from Springfield. The match between William Woods and UMR would decide who would finish second in the district and earn a berth in state play. UMR was the victor, not only winning the William Woods game but also the tournament. This brought their district record to 6-3 and their overall record to 14-6.

There will be eight teams in state competition, two from

each of the three districts, and two teams chosen at large. The teams in the Northeast district are Stephens College and UMR. The Northwest representatives are Tarkio and William Jewell. The two teams from the Southern district are Southwest Baptist and Missouri Southern. The two at large teams are William Woods and School of the Ozarks.

In the state competition this weekend, the tournament will be a round robin. Each team will play a total of 14 games, two games with every team. At the end of the tournament the teams will be ranked according to their record.

Coach Caruso says the team has really done well this year, this being only their second year. They have competed against 22 other small schools in Missouri. The team's next goal is to place first or second in the state tournament because the top two teams will go to the Region 6 playoffs, which is the next step before nationals.

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## M-Club athlete of the week

This week M-Club recognizes Debbie Gower as their athlete of the week. Debbie has gained not only admiration, but a certain amount of notoriety through her volleyball feats. In the course of one game with William Woods she managed to break one of her own teammate's noses and mangle another teammate's eye with her deadly elbows. How's that for a non-contact sport!

But of course UMR's injuries were not the highlight of Saturday's games. The women's varsity volleyball team won the tournament and Ms. Gower contributed immensely to that victory. She is a mainstay on the team and possesses all the skills necessary to a good volleyball player. Her spirit and cooperation with her fellow players bind the team into a working unit. Debbie, known for her wicked spikes, is a junior in petroleum engineering.

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## IM Soccer Begins

I want to start out this column with an apology. Apologies to Jim Ward from PiKA. In last week's column I had Jim Ward as finishing second in intramural tennis. Jim came in first. Sorry Jim.

Intramural soccer started last week and the action is hot and heavy.

In League One, Kappa Alpha took Sigma Pi in a 3-1 game. TKE came on strong to shut out FLA 2-0, and MRHA really put it to Theta Xi in a 7-1 match.

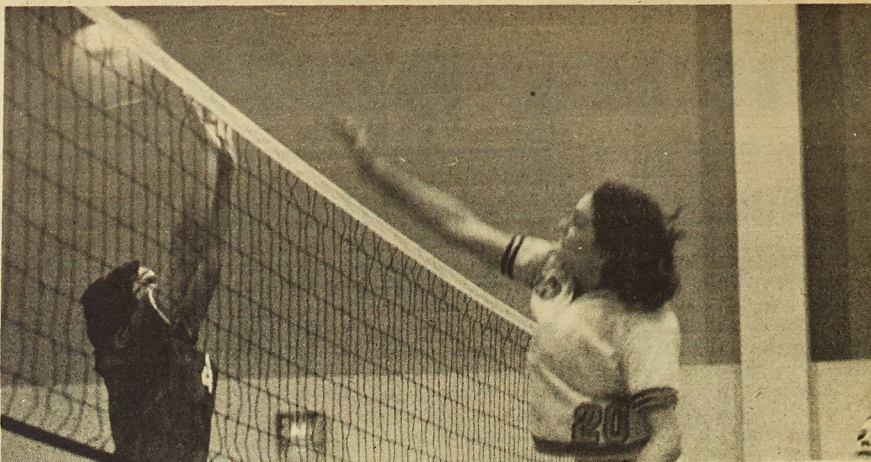
In League Two action, Sig Tau kicked to a 5-0 shutout over MRHA II. Sigma Phi Epsilon also took a shutout from MRHA

II in a 2-0 game. Phi Kappa Theta took a victory from Wesley as they kicked to a 3-1 finish.

League Three showed some really close games. PiKA just got by Triangle in a 1-0 ballgame. Kappa Sig had a little trouble but managed to get by Acacia, 2-1. Lambda Chi Alpha took a 2-0 shutout over GDI.

In League Four action, Delta Sig took Beta Sig 2-0. Sigma Nu shutout Delta Tay Delta, 2-0, and Tech-Engine zoomed by AEPi 4-0.

Volleyball also began last week, but scores are not available at this time.



Debbie Gower gets a spike in the Miners recent game with Drury.

Photo by Harris

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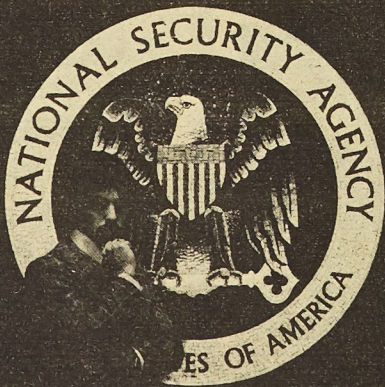
ENGINEERS, especially electronics engineers, find work which is unique. Typical engineering projects include the research, design, development, testing and evaluation of large scale, secure communications devices and systems. If you are assigned to NSA's extensive computer complex you will deal with technologies as many as five years ahead of the commonly known "state-of-the-art"

COMPUTER SCIENTISTS apply their knowledge in a wide variety of subdisciplines: systems design, systems programming, operating systems, compilers, applications analysis, and retrieval systems. You will work with the most advanced hardware and software in existence, and will quickly become involved with major projects.

NSA professionals have already made technological breakthroughs with solid state hardware, information recording, antenna design, and computer security. In the future, even more important innovations will occur, perhaps one of them will be yours.

Your placement office has more information on NSA Career Opportunities, including the dates for our campus interviews. Math majors desiring to become programmer trainees can qualify for a NSA interview by first registering for the Professional Qualifications Test at the student placement office.

NATIONAL SECURITY AGENCY, Fort George G. Meade, Maryland 20755. Attn: M321. An equal opportunity employer m/f.



# We do.



# jock shorts

BY THE MINERS SPORTS STAFF

The UMR Miners again hope to break into the victory column with a win this weekend against Eastern Illinois University from Charleston, Illinois. The Panthers from Eastern had an open week last week after winning their first ballgame the week before by beating Ferris State, 17-3.

In the rushing category, the Panthers are led by Mark Stettner, who has gained 567 yards on 123 carries, and Tommy Meeks who has 396 yards on 78 carries. Stettner has scored two touchdowns, and Meeks has scored three.

The Panthers are a bit weak in the passing department. Kevin Hussey has 22 completions out of 46 attempts for 190 yards. Rick Tsapros has 10 completions out of 26 attempts for 107 yards and one touchdown.

The Panthers have ten people who have caught passes this year, led by Art Jackson, who has been on the receiving end of 11 passes for a total of 96 yards, and Meeks, who has grabbed eight for 72 yards.

On defense, Kern Wells has picked off 3 passes for 93 yards, and Tom Quinkert has 2 interceptions for 28 yards. Stettner seems to be their main kickoff return man, with 5 returns 91 yards. Many other people have also returned kickoffs, however.

Wells has returned 16 punts for 50 yards, and a 3.1 yard average.

Dave Hunter does the punting, and after 7 games he has booted 39 times for a 36.5 yard average.

## MISSOURI FOOTBALL

Last Saturday, the Nebraska Cornhuskers rode the tide of a last minute fake punt touchdown run to a 30-7 victory

over Missouri in front of 68,195 fans at Faurot Field.

This play turned a Nebraska punt into a 40-yard touchdown run by reserve tailback John O'Leary that sent the Cornhuskers to a 16-7 lead at halftime.

Cornhusker Vince Ferragamo, who had three touchdown passes, hit Brad Jenkins with a five yard pass to make it 10-0 Nebraska after the end of the first quarter.

The momentum apparently had turned when Missouri turned a Nebraska fumble into a 1 yard touchdown vault by Tony Galbreath. It was on the next series that Nebraska Coach Tom Osborne called the fake punt that changed the momentum back to Nebraska.

In the second half, quarterback Vince Ferragamo used momentum and his 9-point cushion, plus the bruising ground game of tailback Monty Anthony and fullback Tony Davis to lay the Tigers open to the bomb. He fired touchdowns of 37 yards and 61 yards to wide receiver Bobby Thomas to put the game out of Missouri's reach.

The next three games for Missouri, against Iowa State, Oklahoma, and Kansas are very important. The Tigers will have to do well in all three games if they want to get a bowl bid.

# Miner Rugby

The UMR Rugby Club will play host to the Royals of St. Louis this weekend. As you know, the Royals team consists of a number of UMR Alumni including Dominic Grana, Jerome Tyre, Scott Kenney and others. The last time these teams met, UMR came out the victors with a convincing 17-6 score. As usual there will be two games starting at 11:30 Saturday on the intramural fields. This match always proves to be exciting, so come on out and support our Ruggers and witness the game of Rugby first-hand.



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## The Harmon Football Forecast

1-NEBRASKA	6-MICHIGAN	11-ARKANSAS	16-OKLAHOMA STATE
2-OKLAHOMA	7-PENN STATE	12-SOUTHERN CAL	17-PITTSBURGH
3-OHIO STATE	8-FLORIDA	13-U.C.L.A.	18-MARYLAND
4-ALABAMA	9-TEXAS A&M	14-NOTRE DAME	19-CALIFORNIA
5-TEXAS	10-COLORADO	15-MISSOURI	20-ARIZONA STATE

### Saturday, Nov. 8 — Major Colleges

Alabama	35	L.S.U.	10	Presbyterian	25	Gardner-Webb	14
Arizona State	30	Wyoming	7	Southern State	28	Harding	17
Arizona	24	San Diego State	23	SW Texas	24	Howard Payne	13
Arkansas State	42	Southern Illinois	0	Southwestern, Tenn.	10	Maryville	7
Arkansas	27	Rice	10	Texas A&I	40	Sam Houston	7
Arlington	17	Lamar	15	Texas Lutheran	28	Bishop	7
Auburn	21	Mississippi State	17	Towson	24	Hampden-Sydney	15
Ball State	25	Akron	20	Trinity	18	McMurry	7
Boston College	34	Army	7	Troy	23	Martin	20
Bowling Green	21	Ohio U.	14	Western Kentucky	23	Middle Tennessee	10
Brigham Young	24	Utah State	14	Wofford	28	Catawba	13
Brown	27	Cornell	8				
California	23	Washington	21				
Central Michigan	34	Western Illinois	13				
Colgate	25	Bucknell	7				
Colorado State	28	U.T.E.P.	6				
Dartmouth	27	Columbia	12				
Dayton	20	Louisville	14				
East Carolina	23	Virginia	17				
Florida State	24	Memphis State	17				
Florida	23	Georgia	14				
Furman	24	Western Carolina	9				
Harvard	26	Princeton	14				
Idaho	19	Weber	7				
Kent State	26	Marshall	7				
Kentucky	24	Vanderbilt	8				
Lehigh	59	Davidson	0				
Long Beach	23	Hawaii	16				
Louisiana Tech	28	NE Louisiana	13				
Maryland	28	Cincinnati	7				
Massachusetts	21	Holy Cross	10				
McNeese	35	NW Louisiana	13				
Miami (Ohio)	33	Western Michigan	0				
Michigan State	34	Indiana	10				
Michigan	28	Purdue	10				
Minnesota	27	Northwestern	16				
Missouri	29	Iowa State	14				
**Navy	20	Miami, Fla.	17				
Nebraska	42	Kansas State	6				
New Mexico	22	San Jose State	21				
North Carolina	23	Clemson	13				
North Texas	38	Cal Poly (Pomona)	6				
Notre Dame	23	Georgia Tech	13				
Ohio State	31	Illinois	13				
Oklahoma State	23	Colorado	20				
Oklahoma	26	Kansas	10				
Penn State	21	No. Carolina State	9				
Pittsburgh	27	West Virginia	21				
Richmond	38	The Citadel	10				
Rutgers	24	Lafayette	7				
South Carolina	34	Appalachian	7				
SW Louisiana	24	Pacific	20				
Stanford	24	Southern Cal	21				
Temple	31	Rhode Island	7				
Tennessee	37	Utah	7				
Texas A&M	28	S.M.U.	12				
Texas Tech	23	T.C.U.	6				
Texas	29	Baylor	6				
Toledo	20	Northern Illinois	13				
Tulane	21	Air Force	16				
Tulsa	34	Drake	6				
U.C.L.A.	17	Oregon	7				
Villanova	26	Youngstown	14				
V.M.I.	22	William & Mary	14				
V.P.I.	22	Houston	16				
Wake Forest	22	Duke	20				
Washington State	21	Oregon State	19				
West Texas	24	New Mexico State	15				
Wichita	16	Fresno State	13				
Wisconsin	22	Iowa	7				
Yale	24	Pennsylvania	13				

### Other Games—East

Alfred	21	Rochester	7
American Int'l	33	South'n Connecticut	8
Bates	21	Colby	13
**Boston U	21	Connecticut	20
Bowdoin	24	Tufts	6
Central Connecticut	15	Cortland	14
Clarion	26	Slippery Rock	20
Delaware	28	Maine	7
Edinboro	33	California State	7
Franklin & Marshall	25	Moravian	7
Glassboro	33	William Paterson	0
Indiana U	41	Lock Haven	0
Ithaca	42	Rochester Tech	6
Middlebury	20	Union	7
Millersville	24	Shippensburg	20
Montclair	33	Jersey City	6
New Hampshire	35	Springfield	6
Norwich	16	Worcester Tech	7
Trinity	13	Amherst	10
Wash'ton & Jeff'son	22	Bethany	13
West Chester	28	Cheyney	10
Widener	36	Muhlenberg	7
Williams	23	Wesleyan	7

### Other Games—Midwest

Augustana, Ill.	20	Illinois Wesleyan	10
Baldwin-Wallace	41	Wooster	0
Benedictine, Kan.	14	Nebraska Wesleyan	13
Bethel, Kan.	26	McPherson	6
Butler	31	Franklin	7
Central - Oklahoma	23	SE Oklahoma	20
Central State, Ohio	28	Central Methodist	7
Defiance	24	Earlham	6
Denison	37	Washington & Lee	6
E. Central Oklahoma	26	Langston	14
Eastern Illinois	26	Rolla	16
Eastern Michigan	28	Illinois State	16
Eureka	21	Iowa Wesleyan	19
Evansville	24	Ashland	21
Grand Valley	21	Hillsdale	16
Hanover	29	Taylor	16
Hope	27	DePauw	12
Indiana State	36	Omaha	10
Millikin	20	Washington U	7
Missouri Valley	23	Graceland	15
Muskingum	30	Marietta	6
No. Dakota State	30	Morningside	12
North Dakota	37	St. Cloud	13
Northern Iowa	24	South Dakota	13
NW Missouri	21	NE Missouri	17
Northwood	27	Saginaw Valley	14
Otterbein	24	Heidelberg	14
St. Mary	26	Friends	13
SE Missouri	21	Central Missouri	14
Southern Colorado	23	Pittsburg	16
SW Missouri	17	Lincoln	7
Southwestern, Kan.	18	Bethany	7
Valparaiso	22	St. Joseph	7
Wayne, Mich.	29	Ferris	8
William Jewell	23	Baker	13
Wittenberg	45	Capital	6

### Other Games — South and Southwest

Abilene Christian	34	Tarleton	0
Chattanooga	24	Tennessee State	17
Concord	27	Glenville	13
Delta State	22	SE Louisiana	17
East Tennessee	23	Morehead	14
Eastern Kentucky	22	Tennessee Tech	20
Elon	17	Newberry	15
Emory & Henry	20	Bluefield	14
Fayetteville	31	Federal City	6
Fort Valley	21	Savannah State	19
Georgetown	26	West Va. State	24
Guilford	37	Winston-Salem	6
Henderson	41	Monticello	6
Jackson State	28	Texas Southern	20
Jacksonville	27	Livingston	20
Lenoir-Rhyne	25	Carson-Newman	21
Mississippi College	31	Central Arkansas	10
Murray	20	Austin Peay	12
North Alabama	24	Nicholls	20
North Carolina	23	Virginia State	13
Ouachita	26	Arkansas Tech	8
Prairie View	20	Pine Bluff	16

### Other Games—Far West

Cal Lutheran	37	San Diego U	7
Central Washington	28	Eastern Washington	10
Claremont	22	Whittier	15
Colorado College	30	Kansas Wesleyan	0
Colorado Western	30	Westminster	7
Davis	27	San Francisco State	15
Eastern New Mexico	32	New Mexico Highlands	6
Humboldt	24	Colorado Mines	15
Idaho State	28	Santa Clara	21
Linfield	17	Cal Poly (S.L.O.)	14
Los Angeles	23	Whitworth	13
Montana	28	Azusa	14
Oregon College	18	Portland State	21
Pacific Lutheran	16	Eastern Oregon	7
Pacific U	14	College of Idaho	6
Puget Sound	21	Whitman	12
Riverside	23	Simon Fraser	13
Sacramento	22	Hayward	8
Willamette	26	Chico State	20
		Lewis & Clark	8

(\*\*Friday night games)



when you want  
to chase a beer  
with a beer.

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## crossword puzzle

Answer to Puzzle No. 143

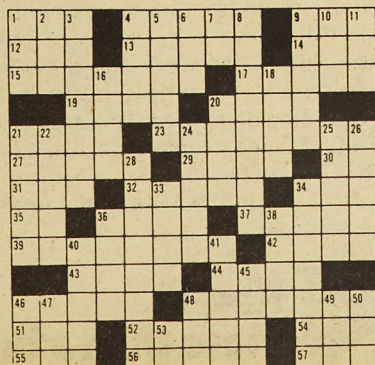
### ACROSS

- 1 Contraction
- 4 A two-shell
- 9 American blackbird
- 12 Alkali
- 13 93 (Roman)
- 14 Arbitrator (coll.)
- 15 Central Indian tribe
- 17 Certain Siouan Indians
- 19 Chianti, for example
- 20 Combining form: mouth
- 21 Cause of harm
- 23 Eastern Indian tribe
- 27 Exploiters
- 29 Totem poles
- 30 Printer's measure
- 31 Eisenhower
- 32 A size of type
- 34 Mistaken: all --
- 35 Chemical engineer (ab.)
- 36 Hebrew prophet
- 37 Splinter
- 39 Vancouver Island tribe
- 42 Genus of maple trees
- 43 Force
- 44 Beehive state
- 46 A horned animal, for short
- 48 Geronimo, for instance
- 51 Shoshonean Indian tribe
- 52 Rubber source
- 54 Cravat
- 55 Michigan State University (ab.)
- 56 Happening
- 57 Chopping tool

### DOWN

- 1 Biblical name (masc.)
- 2 Combining form: threefold
- 3 Tribe of Algonquian Indians
- 4 Colorless gas
- 5 Yearned (coll.)
- 6 River in Juarez
- 7 East India (ab.)
- 8 Commands
- 9 Small
- 10 Novel
- 11 Conditions
- 16 Structure built over water
- 18 Noisy quarrels
- 20 Narrow strip of metal
- 21 Skylark or Electra, for example
- 22 Awry
- 24 Live

- 25 Pass a rope through (a pulley)
- 26 Penetrate
- 28 Tribe of Indians
- 33 Boor
- 34 Caddoan tribe
- 36 Similar
- 38 Hair in Munich
- 40 Farewell
- 41 Unit of light
- 45 Subject
- 46 Liquor made from molasses
- 47 Heights (ab.)
- 48 Devoured
- 49 I refuse
- 50 Actress
- 53 Audio-visual (ab.)



Distr. by Puzzles, Inc. No. 144



## Miner Soccer

The UMR Soccer Team saw its record sink to a dismal 2-8 by losing to Flo Valley last Wednesday 5-0 and 4-1 to Southwest Missouri on Saturday. What promised to be an excellent year with new faces and attitudes has proved thus far to be a big disappointment. Interest lapses seem to have been the major problem all season, with key players not present at crucial times. There have been some bright spots at times. One of these occasions was the game against Flo Valley. The nosemen scored in a three goal flurry (in about as many minutes) midway into the first half and two more right halftime, the Miners repeatedly rested Florissant goalie Gary LeGrand with point blank shots. In the second half, UMR proved that the number one team in the nation is human, as they totally shut down the Flo Valley attack as the Miners kept the pressure on. LeGrand, however, shut the door and preserved the shutout for the nosemen, a team destined for the national championship.

The game against SMS wasn't as outstanding. The only bright spot was Lee Whitebay's goal in the second half on a beautiful shot from 25 yds. Rolla had to improvise most of the game, as many players were forced to play unfamiliar positions due to a lack of manpower. The defense gradually broke down and the Springfield forwards had goalie Bill Dale at their mercy. The Miners close out the season at home this Saturday against SMS at 4:15, immediately following the football game.

## im volleyball

### Monday

Beta Sig — AEP  
Sig Tau — Phi Kap  
Tech, Engine — Sig Nu  
Sig Ep — Campus

### Tuesday

Pi KA — Kappa Sig  
Mates — Triangle  
Focus — Acacia  
TKE — Sig Pi

### Wednesday

Delta Sig — Delta Tau  
Pi Kappa Phi — Tech, Engine  
MRHA II — Phi Kap  
A Phi A — Sig Nu  
Newman — Wesley

### Thursday

FLA — Theta Xi  
Lambda Chi — Triangle  
Mates — Kappa Sig  
BSU — MRHA I  
GDI — Acacia  
Focus — Pi KA

## im soccer

### Monday

Sig Pi — MRHA I  
FLA — KA  
Triangle — Kappa Sig  
GDI — Pi KA

### Tuesday

MRHA II — Phi Kappa Theta  
AE Pi — Delta Sig  
Beta Sig — Sig Nu  
Delta Tau — Tech, Engine

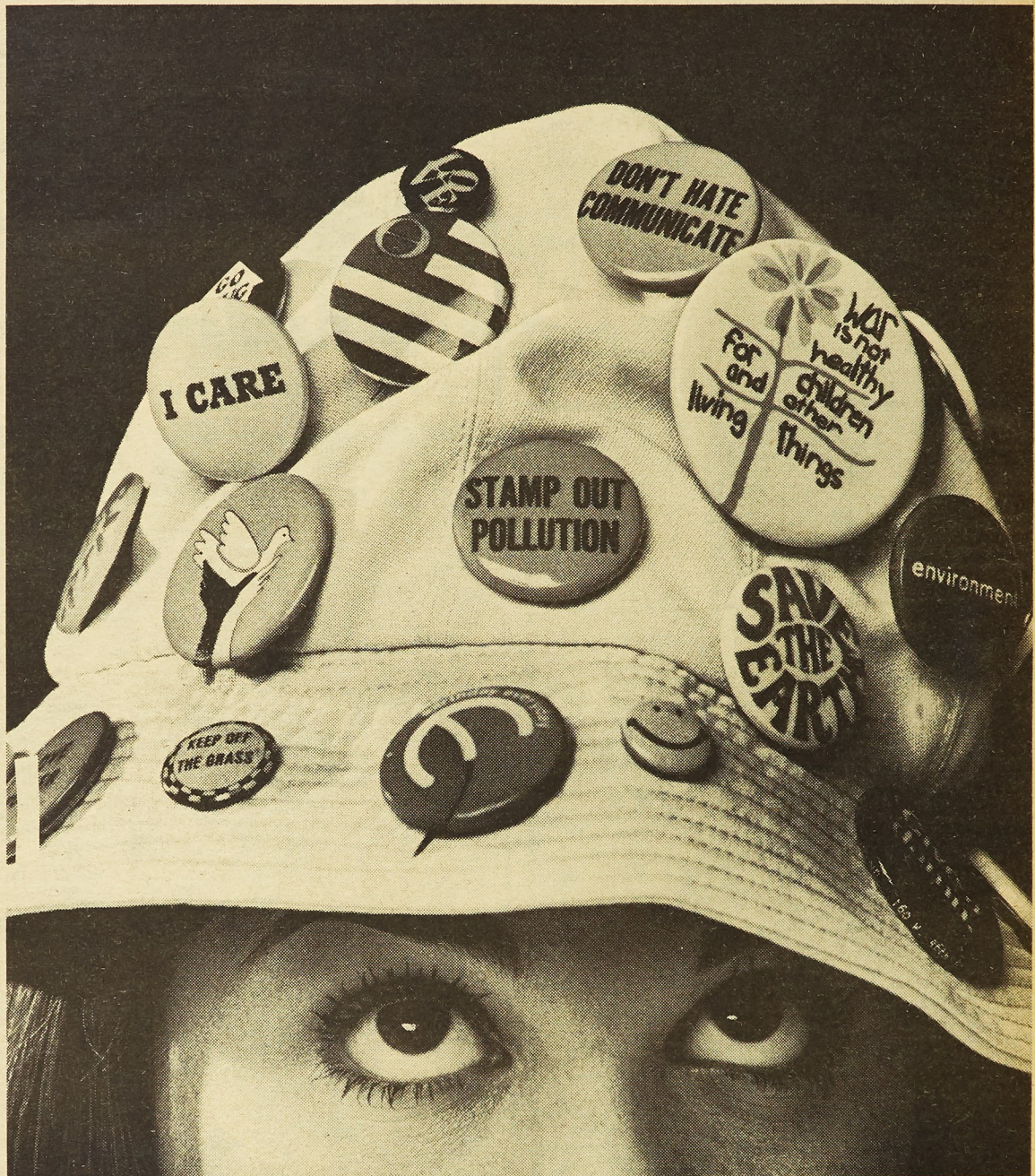
### Wednesday

TKE — MRHA I  
Theta Xi — KA  
Lambda Chi — Kappa Sig  
Acacia — Pi KA

### Thursday

Beta Sig — Tech, Engine  
Sig Nu — Delta Sig  
Sig Ep — Phi Kap  
Wesley — Sig Tau

# Changing the world is a fine idea, but where do you start?



We asked the same question when we first found ourselves in a position to make the world a more livable place.

At Kodak, we started close to home. In Rochester, New York. We cut river pollution with one of the most efficient industrial waste water treatment plants in the country. We cut air pollution with scrubbers, adsorbers and electrostatic precipitators. We helped set up a black enterprise program in downtown Rochester.

Why? Helping to combat water pollution not only benefits society but us as well as we need clean water to make film. Our combustible waste disposal facility not only reduces air pollution but also helps pay for itself in heat and steam

production and silver recovery. The black enterprise program not only helps people who aren't well off but also helps stabilize communities in which Kodak can work and grow.

In short, it's simply good business. And we're in business to make a profit. But in furthering our business interests, we also further society's interests.

After all, our business depends on society. So we care what happens to it.



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