## The Missouri Miner, April 10, 1985

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

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

## Recommended Citation

"The Missouri Miner, April 10, 1985" (1985). The Missouri Miner Newspaper. 2399.
https://scholarsmine.mst.edu/missouri_miner/2399

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

## UM's first lady: married or employed <br> by Mella J. Sage

In her column in the St. Louis Post Dispatch, Erma Bombeck recently wrote, "For years women tap-danced around their work as wives. Occassionally, someone came up with an impressive figure on how much you would pay a chauffer, nurse, nutritionist, cook, mistress, laundress, and bookkeeper. (Notice it says 'and' not 'or'.) But it was all sort of light until now. A courageous woman, Diane Skomars Magrath, who is married to the new president of the University of Missouri, entered into a contract with her husband that contract with her husband that
would guarantee her $\$ 30,000$ of his would guarantee her $\$ 30,000$ of his
$\$ 100,000$ salary for her contribu$\$ 100,000$ salary for
tions to campus life,"

Diane Skomars Magrath, coeditor of the 1984 book The President's Wife: Volunteer or Volunteered?, addressed the audience on the topic of 'Public Partnership'in the 'Women at Work' series Wednesday, March 25. The 60 member audience consisted mainly of women on their lunch hours. A few women on their lunch hours. A few
men and female students were also men and female students were also
present. present.
She began her speech by dedicating it to Louise Marchello, wife of UMR Chancellor, Joseph Marchello. She refered to Mrs. Marchello as 'a bright and shining star in the sisterhood of president's spouses.

Her speech centered on three
main points:

1. The notion of being public. 2. Partnership in the public light.
2. Conclusions of her own. According to Mrs. Magrath, the president and his or her partner should not be surprised by the publicness of their roles. To exemplify the publicness of her husbands position, she said "I should have noticed when Peter mailed out 12 notices of our engagement to the board members one hour to the had proposed and I hour after he had proposed and had accepted that this was going to be no ordinary marriage." The audience responded with much laughter.
According to Mrs. Magrath, the biggest change for her was moving into the public house. She said that last year alone they entertained 4.500 people in the public residence.
Webster's sixth definition of public is 'exposed to general view'. "This," said Mrs. Magrath, "about sums it up."
Mrs. Magrath told the audience the Magrath family motto-"We are in a priveleged position temporarily. We will enjoy it every moment that we are here but will also enjoy gaining our privacy some day." She points out that while publicness is stimulating it is also exhausting.
In her section on partnership she begins with her 7 year marriage
partnership with President Magrath and moves on to her 6 year working partnership with him. She describes him as a 'very demanding boss and partner'. She spoke about the difficulty of separating their ' $50 / 50$ ' marriage
partnership to their 'employer/employee' partnership.
In reference to the University of Missouri campus' attitude, she said, "Not all campuses are this progressive and sensitive or responsive to the partner. The fact
is, though, there is so much to be done at these institutions, it takes all of us to get it done and we've got to work together."
As she has progressed through see First lady page 11


Diane Skomars Magrath addresses the people attending the "Women at Work Series." Her topic concerned being the wife of a university president. (photo by Kevin McLaughlin)

## Marchello suggests changes

by Tom Duggan
As part of the University's ongoing program of reduction and maintenance, chancellor Joseph Marchello recently submitted a proposal regarding the future of the radio station KUMR.
According to the proposal, "support from the Corporation for Public Broadcasting has declined in recent years and the future level in recent years and the future level
of federal support is not clear. The KUMR transmitting equipment is old and will probably need to be replaced in the next few years."
The proposal states, "At that time or before, the University will need to decide whether to continue public radio broadcasting."
The proposal provides an alternative to the complete shutdown of the station. It states that each cam-
pus of the University of Missouri operates an FM public broadcasting station and that one way to cut costs would be to reduce operations to one studio. The other three stations would be converted for rebroadcast of that one station.
According to Marchello, this would allow the university to conwould allow the university to con-
tinue the service while reducing tinue the service while reducing
expenditures. And the personnel expenditures. And the personnel
of the station, who are media professionals for the most part, could be given positions in the new "candid classroom"ITV studio project. The ITV studio is a video education project and is currently housed in the library. Plans call for additional facilities in the new Engineering Management Building. According to Marchello, the only feedback from the other cam-

## Major Miner Stories

news

## News Analysis: Nuclear arms

 verificationComments
III bills
Housing survey
placement :

## features

## Cherry Blossom Princess

Bloom County Classifieds
. 3 Sports
.. 3 Miners lose both games
. . 6 The Vilanova game
.7
. .8 .13

Since the University of Missouri-Rolla was on break last week, there will be NO April Fool's issue this year. But don't miss our Pull-Out Section (pp. 15-20)!
puses on the proposal comes from UMSL which has offered to let UMR rebroadcast their public broadcasting station.
The reason for the whole proposal is the cost of replacing the osal is the cost of replacing the
transmitter should it fail. According to Jeffrey R. Stoll, General ing to Jeffrey R. Stoll, General
Manager of KUMR, there is no Manager of KUMR, there is no
reason to expect this to happen in reason to expect this to happen in
the near future. He states that the near future. He states that
although the majority of the equipment is eleven and a half years old, it is quite sound and should remain so. Marchello agrees that the present equipment could last for some time.

As for the proposal itself, Stoll points out that there are some drawbacks to the chancellor's plan.

The plan, according to Stoll, is an offshoot of the "Mississippi Concept". In Mississippi, public radio broadcasting is done statewide through the use of one "flagship station" and seven repeaters. The whole state receives the same broadcast.
But Stoll states that what works in Mississippi might not work in Missouri. First of all, public radio in Mississippi is state operated, in Mississippi is state operated,
which makes funding and organizwhich makes funding and organiz-
ing a bit easier. Second, the listening a bit easier. Second, the listen-
ing audience in Mississippi is fairly ing audience in Mississippi is fairly
constant throughout the system. constant throughout the system.
In the University of Missouri
system, the Kansas City, St. Louis, and Columbia areas represent big city type markets, whereas the Rolla area is more of a rural envirRolla area is more of a rural envir-
onment. Having one station serve onment. Having one station serve
all these areas would cause some all these areas would cause some programming problems
Stoll adds that a flagship station serving all four campuses could not serve local needs such as providing local news and specialized programming. Since KUMR is the only public broadcast radio station south of 1-44 and north of the Missouri-Arkansas border, it provides these services to a number of people.

According to Stoll, KUMR transmitts froma 480 foot antenna in Lecoma, about ten miles south of Rolla, with 100.000 watts radiated power. It's listening area is eighty miles in radius and totally encompasses nineteen counties. The potential listening audience is 456,000 people. It's the most powerful station in the area.

KUMR is funded in part by the Corporation for Public Broadcasting which is a government agency created to insure national boardcasting to meet the needs of the public. The station was licensed to the Board of Curators of the University of Missouri on August 31, 1973, and is funded in part by the see KUMR page 11

## Run for Better Education to be April 30

by Sylvia Chin
A "Run for Better Education" to Jefferson City will occur on April 30. The purpose of the run is to focus public attention on the fact that UMR and other universities in Missouri are suffering from insufficient funding.
Between 60 and 100 runners will be needed to run the 60 miles to Jefferson City. At least one runner at a time will run along the shoulder of highway 63 carrying a scroll toward Jefferson City. The scroll will be read during a higher education appropriations meeting. The runners will ride back to Rolla all at once after the meeting.
When the runners are on the shoulder, two vans will accompany them for their safety, one in front and one in back approximately 10 yards apart throughout the run Sgt Wilson of the Hige run Patrol's Trooper Desk asserts that we like to help out in these sort of wings when we can these sort of hings when we can
It is hoped that enough publicity will make the public aware of the plight of higher education in M is ouri. Missouri presently rank 4th of the 50 states in actual state appropriations per student.
Students who are frustrated over the increase in student fees and who are anxious to do some-
see Run page 11

Wednesday, April 10?, 1985
missouri miner missouri miner
Page 2

## calendar of events



## min comments

# Missouri Legislature passing bills detrimental to the citizens 

## by Dave Palmer

The Missouri Legislature has apparently laid siege upon its constituency for benefit of the industry and corporate sector. While I hold much of Missouri (its rivers, lakes, woods, people, etc.) in high esteem. The same cannot be said for our state legislators. The people of this state are being abused by bill after bill which can only be seen as detrimental to the public. Borrowing a line from Representative Edward Markey of Massachusetts, "This is not liberal vs. conservative, but smart vs. dumb.
Two bills in the Missouri Legislature (one already passed into law) are flagrant examples of the government selling out the public with the intent of increasing corporate prof-
its. The seat belt law and the mandatory liability insurance bill, though seemingly minor nuisances, will have a major impact on individual costs.
The focal point in regards to benefit from the seat belt law is the auto industry. Should enough states enact such legislation by 1987, the feds will negate the order directing auto companies to install air bags. This, however, is not the only benefit, nor the greatest, realized by making a lack of personal safety consciousness criminal. Given the existence of such a law, a person not wearing his seat belt when involved in an accident will find his insurance coverage to be void (all bills to be paid from the pocket). And problems involving insurance companies do not
stop here.
The mandatory liability insurance bill, currently in the Missouri House, will heap incredible benefits onto the insurance companies' benefits, again at the expense of the public. An important issue regarding this bill has been ignored despite the efforts of critics who have continually highlighted the problem. Withing the bill there are no constraints on the companies pertaining to insurance premiums. With people of other states being victimized by the skyrocketing rates of nonconstrained mandatory insurance, it is ridiculous for our legislators to even contemplate a bill barren of appropriate preventive clauses.
see Missouri Bills page 12

## letters to the editor

## Beware the evil landlord

Dear Editor upon us, it is time to warn all those innocent people out there about the presence of greedy landlords in Rolla and to give some advice about how to avoid the worst of
them. I personally have had one them. I personally have had one
especially bad experience with a landlord in this town and want other people to learn from my mistakes. I would like to offer the folask for a response from the public ask for a response freir experiences.

1. Read Carefully the lease you are planning to sign, especially
if it is long and has small if it is long and has small print. The small details


## Sexual assault articles great, but let me correct a definition

## Dear Art Smith,

First, I would like to applaude your series of articles about rape prevention. These columns have given needed insights to the problems associated with rape, But in your last article of the series ("Sexual Assault: Question Demanding Answers," March 27. 1985) you managed to continue a common misconception.

## 地 <br> From the StuCo Complain

offensive manner.
My source for these definitions is the textbook used for CE 243, Legal Aspects of Engineers, ten by Richard C. Vaughn.
Again, I thought your articles were good, but in the future you should check your definitions carefully.

Sharri L. Riggs

## What is Assault?

The legal meaning of assault is a threat of violence." For an apsarent present means of inflictapparent present means of inctthe the (modily be concerned with immediate injury."
What is Batter "Battery is the intentional and
unlawful touching of another in an

## Student Complaint:

Why is there no Computer Engineering degree at UMR? StuCo Response:
The head of undergraduate study in the Electrical Engineering Department says that the main reason for the lack of a Computer
Engineering curriculum is that there is no set standard by which a there is no set standard by which a curriculum can be established. The
Accreditation Board of Engineer-
$\left.\begin{array}{cc}\text { expires. Notice, I say owner } \\ \text { here. The landlord is not } \\ \text { necesarily the owner. }\end{array}\right\}$

# Verification: Necessity or Nemesis? <br> by Michael Winkler <br> the United States). Thus, the <br> parts of Siberia, Alaska, and 

Problem

AMRS CONTROL IS one of the pressing issues and pivotal to any arms control agreement is the verification of compliance as a deterence against violations by either party. Verifica-
tion is such an important issue tion is such an importantissue because neither we nor the
Soviets really trusteach other. Soviets really trust each other.
Propoganda since World War II has pointed to the United States as Soviets' principle enemy. This led to President Nixon's instructions to negotiators that he would accept an agreement only if a Soviet failure to honor the agreement could be detectable with
enough warning for us to be able to protect our interest. ${ }^{1}$ The newest United States statement on verification says, "Arms control agreements must be designed to include provisions that ensure able means to deal with issues of compliance.
As for the Soviets, their officials feel that they could not trust the security of the Soviet Union to the good will of other nations, and that there is no reason to make compromising agreements which could erode their level of security, as they feel that the Soviets' system will ultimately be the system
by which the world is to be by which the world is to be
governed. Thus, to them survival is first, and any gains from such agreement would be of importance only if it
brought them closer to world domination

## Policy Formulation

THE FIRST EXAMPLE roposal, which indirectly addressed verification,
had a nice bonus for the United States. The Baruch Plan, as it was called, was presented June 14, 1946 in the United Commission. The Commission. The plan proship and management of all atomic facilities and mate rials, under the watchful con
trol of the United Nations (and

United States would have been involved in all facets of nuclear research and production, and thus the United States would have had access to all the knowledge that existed. Of course this plan was doomed to fail, as it left the United States an effective nuclear monopoly, and effecnuclear monopoly, and effeclively,
A PLAN OFFERED BY Soviet Statesman Andrei Gromyko in 1947 offered inspection of declared nuclear sites, with the inspections being preannounced, as well as destruction of nuclear bomb stockpiles. This plan was rejected by the United States because there was no accounting of suspected sites, and because the time factor between notification and the actual inspections would allow A PLAN OFFERED IN 1951 was the first clear case of a politically motivated offer. The United States, France, and Great Britain felt it would be beneficial to show the world that the Soviets were responsible for the arms race, so they offered a plan sure to be rejected. They offered a modification of the Baruch Plan, with inspections early on, and with unspecified reductions to be made later
IN 1955, PRESIDENT Eisenhower offered a plan he called "Open Skies," which permitted free intelligence overflights of both the United
States and the Soviet Union. It alsoincluded exchanging blueprints of military estab-
lishments. Although it was lishments. Although it was building measure," it mainly benefitted the United States, as the Soviets already had rel atively free access to the kinds
of information that was to be exchanged.
THE DISENGAGEMTNT PLAN, offered by the Soviets Europe open much of Europe to aerial and ground inspection, and in the course of the negotiations, the Soviets
the western half of the United States. This was probably the most promising negotiations ever held, but it failed because of French, British, and West German fears and the resulting pressures on the United States. The Europeans feared that the plan would lead to a Europe under constant threat of Soviet invasion with no deterence.?
IN 1963, THE LIMITED TEST BAN TREATY came into being, which prohibited nuclear explosions in the atmosphere, outer space, or under water. This was to be verified using in place facilities of each country, and involved relatively simple processes. The treaty was under intense pressure to be ratified as the danger from atmospheric radiation was reaching a critical point. ${ }^{8}$
THE NEXT FORUM IN which verification ws significant was the Strategic Arms Limitation Talks (SALT), which was delayed by American reaction to the Soviet and Warsaw Pact invasion of Czechoslovakia in 1968. The talks began in November, 1969 at Helsinki, Finland. Verification was to play a major role in these talks, directly and indirectly. Directly, although the Soviets agreed to discuss on-the-spot inspections for trouble spots, they stressed that National Technical Means of verification were sufficient to verify compliance. ${ }^{9}$ Thus the outcome of the treaty involved national technical means as the prima
$\quad$ verification. for the United States includes for the United States includes satellites which utilize computers, radars, microwaves, ment; reconnaisance aircraft, ocean going ships with complex sensors, ground radars, and radio listening devices The ground radars include such installations as "Cobra Dane" a ten story phased array radar, which can follow dummy warheads ejected from a MIRV bus; and the radi

G \& D Steakhouse
Tender 8 oz .
SIRLOIN \$5.19

Includes salad bar, baked potato and Texas toast. Free G \& D STEAKHOUSE


Open 7 days, 11 am - 9 pm Forum Plaza Shopping Center Rolla, MO

## History of negotiations

## Baruch Plan:

 1946 maposed international ownership and materials.Andrei Gromyko: Offered inspection of declared 1947 preannounced.
Politics: U.S., France, and Great Britain offered a 1951 plan sure to be rejected just to make the Soviets look bad.
Open Skies: President Eisenhower proposed permis1955 sion of free intelligence overflights of both superpowers.

Disengagement Plan: Offered by Soviets, opened much 1956 of Europe to aerial and ground inspection. Limited Test Ban Treaty: Prohibited nuclear explosions 1963 in the atmosphere, outerspace, or undersea.
SALT I: Emphasis on verifications. U.S. wanted on-the-spot inspections, and Soviets wanted verification through technology. Dealt with limits on offensive and defensive systems.
listening devices are used to monitor telemetry of Soviet missile tests. As for the satellites, "Instruments on these vehicles can spot objects 15 to 30 centimeters in size." ${ }^{10}$ Our satellites now routinely relay sutelites now routinely relay ground by radio transmission, while the Soviets still rely on recovery of film capsules ejected from satellites to recover much of the information, and otherwise their capabilities are quite similiar. ${ }^{1}$
The reliance on national technical means limited what technical means limited what dealt with limits on missile dealt with limits on missile launchers, not on warheads. It also limited each country to two Anti-Ballistic Missiles (ABM) sites, with a limit of 100 missiles per site later reduced to one site per country). More importantly, with the United States insistence of on-site inspection, a ban on MIRV (Multiple Independent Reentry Vehicles) developement and production was effectively killed.
Both sides had expressed interest in such a ban, and while it would have been nearly impossible to ban research on the MIRV (if indeed such a ban would be desirable) it would have been desirable), it would have been within ourcapabilies to detect the testing which was necessary to develope the
bility, in time for us to imple ment our own developement. And while it is relatively easy to identify missile launchers, this is becoming less and less meaningful, as there is evidence that the Soviets are developing and testing a rapidly reloadable ballastic missile interceptor. ${ }^{12}$ This could well lead to rapidly reloadable ICBMs, which capability some believe the Soviets are quickly obtaining.
NEXT CAME THE ATTEMPT FOR A SALT II TREATY, a treaty with more meaningfullimits. Verifica tion methods were essentially the same Fven though the SALT II treaty has not been ratified both sides have agreed to honor it as long as the other does.
At this point, a new problem arose: the Soviets are sus pected of cheating in such areas as testing new versions of MIRVs, and in construction of radars which could be used as ABM radars, being built in areas with orientation which viole SALT ABM violate SALT I ABM obliga tions. ${ }^{13}$ But, "Scientists government officials, and experts disagree over charges of Soviet cheating.
IN 1982, PRESIDENT Reagan decided that reopening SALT negotiations would not be a good way to continue MIRV to an operational capa-


Hair Services
1203-C Forum Dr Rolla, MO 364-6416

Has more comprehensive limits than SALT-I. Though not ratified, both sides have agreed to honor it as long as the other does. At this point, we are beginning to believe that the Soviets are cheating.
START
Called for appoximately one-third reduc-
tions of warheads, equal numbers of bombers, and additional cuts in destabilizing ICBMs.
Comprehensive Test Ban Treaty: Would propose a ban on development and expansion. Possibly, verification through tamper-proof seismic stations
Other ideas
Build Down: When you make a new warhead, you dismantle several old ones.
International Verification Agencies: Range from "unbiased observer to police force.
Freeze: Would be possible when both sides are equally powerful/secure and both are interested in holding the other back.
Graham Allison: Soviets should open up to the U.S about military affairs so we would believe them.
of 1982 negotiations known as START (Strategic Arms Reduction Talks) began START called for approxi mately one-third cuts of warheads, equal numbers of in destabilizing ICBMs (InterContinental Ballistic Missiles).
A soviet START proposal in 1982, and later elaborated on, retains the SALT II frame,
and adds limits on warheads limits, and a ban on range cruise missiles. The Soviets were willing to discuss deeper cuts than before, but the United States felt that the cuts that the Soviets offered were not deep enough, (the Soviets had proposed about
one-fourth), and did not take into account differences in delivery systems such as
modernization limits an attempt to constrain United States modernization of SLBMs (Submarine Launched Ballis tic Missiles).
A COMPREHENSIVETEST BAN TREATY has been recently discussed, but not agreed upon because of differeces in the methods of verifi cation. And in July, 1982 President Reagan effectively tied any ban to a fully stable world situation not likely in the near situation not likely in the near
future. ${ }^{17}$ But many feel such a future. ${ }^{17}$ But many feel such a
ban would keep new problems from arising in the future. Two United States geophysicists, Lynn Sykes of Columbia University, and Jack Evernder of the U.S. Geological Survey's Center for Earthquake Research feel "modern seismic science could police a test ban treaty, even if efforts were made to mask signs of a test." made to mask signs of a test. They also feel that with
unmanned and tamper proof seismic stations in each country, (an idea to which the Soviets have agreed to in principle), yields as low as one
kiloton would be detectable. ${ }^{18}$
A NEWER APPROACH IS known as the "build down" approach. This is where in order to modernize, you dismantle a set number of older warheads for each new warhead. Build down would retain head. Build down would retain
most of the counting and verification provisions embodied in the SALT II treaty, but claims to count warheads instead of launchers. They would achieve this by considering each missile type to be carrying the maximum number
of warheads for which the missile had been teasted. Advocates feel that there would be no distinct verifica tion problems, since actua launchers would have to be destroyed for the nation to receive credit for that reduc tion. They also assume that those warheads would have no strategic value without a means to accurately deliver them. ${ }^{19}$

THERE ARE VARIOUS lans calling for varying degrees of international control of the process. They ange from simple verification gend to agencies which would encompass all facets of arms control.
But both superpowers seem to oppose plans for even an international agency for verification. But its backers feel it would cost but a fraction of what is now spent on arms, and the it would be an effective tool in monitoring arms con trol agreements.
In December of 1982, the United Nations urged member nations to form just such an agency with satellites to monitor agreements. Such a system could arbitrate between the United States and the Soviet Union, giving a badl needed third opinion. The Uni ed States feels that too much valuable information would be available to parties who would put such knowledge to uses other than that for which it was intended (terrorism, for example). ${ }^{2}$
Thus United States dele
many negative votes on reso utionsinvolving interna ional verification agencies The United States stood alone in opposition to a Reso ution calling for an internaional seismic monitoring sys em to verify compliance with comprehensive test ban reaty." 21 The administration cited ISoviet violations and inadequate sensitivit of mon itoring instruments as the rea son for their opposition. ${ }^{22}$
THE OTHER END OF THE spectrum is epitomized by
Alvan Myrdal, who has proposed an international verifi cation agency, which would be ndependent, intergovern mental, but would need strong leadership and a substantial budget. It would lead debate in arms control discussion, provide an impetus for discussion, and would be responsible for settling disputes over possible violations, a job now handled by the Standing Consultative Committee.
ANOTHER FORUM IS THE FREEZEPROPONENTS. Major parts of a freeze ar verifiable, and many parts are partially verifiable. The advocates feel that especially at this stage of the game any advantage to be gained by cheating would be very small, and that the disadvantages of being caught would be large, involving the loss of trust of the other party. They also feel that the Soviets would enter such an agreement in a attempt to hold the United

|  |  |  |  |  |  | Id's Birthday Party worth celebrating. <br> or Birthday Party Policy for <br> or under. The Birthday child <br> - of VCR \& 3 movies or 6 <br> arental Supervision); Lorraine <br> 5 Gifh Cortilicate: Key Sport <br> k- $\$ 5$ Certificate to be explain <br> ucational Toys, Rolla- $\$ 5$ Glft <br> y Antolak, D.D.S.-Free Teeth <br> or Pinelro. Free Lance <br> Studios-Free Dance Lesson; <br> $\$ 5$ Gift Certificate: Naflonal <br> Glft Certlficate; Estey <br> Certificate. <br> 180. <br> ains the same. Parties by |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MONDAY | UESDAY | WEDNESDAY | RSDAY | FRIDAY | SATURDAY |  |
| MeDonalds \&You. <br> APRIL, 1985 McDonold's of Rolle Celondar of Events EDITOR: Mal Weinbeum LaYOUT: Milie Weinbaum ASSOCIATE EDITOR: Aaron INSPIRATION: Amy Weinbaum | SLOGAN NIGHT I believe that McDonald's better Buttermilk Biscuit Breakfast is the best by for. <br> Say it in 2 seconds - win a bag of fries. |  | $\qquad$ | HULA HOOP NIGHT' 1 hoop-win a bag of fries 3 hoops-win a burger Senior Citizen, 1 hoop-win a breakfast. <br> 6 p.m. to 9 p.m. "Her oyes misty. Looks so sod. Got hor a $\mathrm{Big} \mathrm{Mac}-$ You'll both be glad. |  |  | MINER SWIMMERS FINISH IOTH IN NATIONAL MEET: John Stoley. 3rd 1 meter Diving. th 3 meter Diving. Derek Coon - 5 th 400 yd . Individual, 9 th $200 \mathrm{yd}$. . Breastroke, Mar tin Rodseth. 14 th 100 yd . Butterlly: Paul Pericich. 12th 200 yd . Backstroke: Craig Erren. 13th 200 yd. Breastroke: 400 yd . Medley Relay Team, Pericich. Coon, Corney. and Rodseth, 8th; 400 yd. Freestyle Relay Team, Donny Mattle. Carney, Coon, and Rodseth, 12th. UMR INTRAMURALS: <br> MEN'S <br> women's <br> Athlote of the Wook Chris Carpenter. TKE <br> Athlete of the Wook Rhonda Volmer. AWS |
| UMR MEAL PLAN Brian Ruhmann: "Do you hove a foculty for making love? <br> Lynn Waggoner: "No, we hove a student body." <br> EASTER SUNDAY | SLOGAN NIGHT There's more in the middle of an Egg McMuffin than an egg in the middle of a mutfin. Say it in 2 seconds - win a bag of fries. 6 p.m. 109 p.m. | LIARS NIGHT $\square$ <br> So-So Fib-win a burger. Classic Fib-win a breakfast. 6 p.m. to 9 p.m. Leffuce, Tomato and Special SauceAdd a Quarter PounderTreat your boss." |  | HULA HOOP NIGHT 11 hoop-win a bag of fries. 3 hoops-win a burger Senior Citizen, 1 hoop-win o breakfast. <br> 6 p.m. to 9 p.m. Wake up in the morningGot ready for a treat. McDonald's for breakfost. Nowspaper and a seat. | Judge Whitey Moore 12 insisted when making his will. he be buried on the 9th green at Oak Meadow Lawyer Dan Birdsong: "Why there? <br> Whitey: "When the old gang play the 9 th, someone he's six under on the turn. | Ivanna Harris: "Let's get things straight. I'm the boss and you're nothing. Terry Harris: "I'm nothing and you're the boss?" Ivanna: "Yes. Terry: "Then that makes you the boss of nothing. | Mark Mitchell, BSU <br> Team of the Wook <br> Team of the Week UMR MEN'S NU Southeast Missouri Y HOME GAMES: BB: April 6 Stowe. 1:00 p.m.: April 14, Washington Aniversity. I 00 P.m.: April 18, Lindenwood, 1:00 p.m.: April 21 . Lincoln Siare, 3:00 p.m., Goif: April 26827 . UMR Best Boll, 9.00 U.MR WOMEN'S VARSITY HOME GAMES: Triangular |
|  | SLOGAN NIGHT Two all beef patties. special souce, lettuce cheese, pickles, onions on a sesame seed bun. Say it in 2 seconds-win a bag of fries. 6 p.m. 109 p.m. | WHISTLER'S NIGHT ${ }^{16}$ Wolf whistle-win a bag of fries. Whistle Dixie-win o burger. <br> 6 p.m. 109 p.m. Chickon McNuggots, Tasty and lightAld to Dietors In their colorios' fight." | BUBBLEGUM NIGHT 17 <br> bubble-win a bag of fries. $3^{\prime \prime}$ bubble win a burger. $5^{\prime \prime}$ bubble .win a breakfost. 6 p.m. to 9 p.m. Some people get the Aftor lunch blahs. McDonald's diners known For happy ho ha's. | HULA HOOP NIGHT 18 <br> 1 hoop. win a bag of fries. <br> 3 hoops-win a burger. Senior Citizen, I hoop-win a breakfost. 6 p.m. to 9 p.m. So many choicesOnly one is sure. MeDonald's for families Pleasures secure." | One morning Henry Franz went to open the freezer door and asked his wife, Betty: "What should I take out for dinner? Without a moment's hesitation, Betty replied: "Me!' |  |  |
| UMR MEAL PLAN Karen Young: "Why does cream cost more than milk?" <br> Steven Phillips: "Because it's harder for the cow to sit on small containers." | SIOGAN NIGHT 22 "Choosey cheese choosers always say cheese please when they choose the cheese in the cheoseburgers o McDonald's. Say it in 2 seconds-win a bag of fries. 6 p.m. 109 p.m. | LAUGH NIGHT 23 Laugh for 30 seconds-win a bag of fries. laugh for a minute-win a burger. 6 p.m. to 9 p.m. Food is pleasureFood is health. McDonald's for pleasure. health and wealth.' | BUBBLEGUM NIGHT 24 " bubble win a bag of fries. $3^{\prime \prime}$ bubble win a burger. $5^{\prime \prime}$ bubble-win a breakfast. <br> 6 p.m. to 9 p.m. <br> I like coffee <br> I like tea. <br> I like Blg Macs- <br> for you and me. | HULA HOOP NIGHT 25 1 hoop-win a bag of fries. 3 hoops-win a burger Senior Citizen, I hoop-win a breakfast. <br> 6.p.m. to 9 p.m: "Miracle of Miracles So easy to eat They're finger licken. | After a big fight with 26 Jack, Corolyn Fore went o the Key home and soid Mamo, I'm teaching Jack a lesson. Im coming to live with you Naomi Key: "ll you really want to teach Jack a lesson, go home and 'lll live with you." | Judy Allen: "Id like to 27 have next Wednesday off, Duncan Edmiston: "Why?" Judy: "It's our silver anniversary and Don and I want to go out and celebrate Duncan: "Are we going to have to put up with this every twenty-five years? |  |
| UMR MEAL PLAN 28 Joe Marchello: "Mr Chair man, Distinguished Guests, Members of the Executive Club. My wite, Lovise, ask ed where I was going. 1 told her ond she's proud of me. Youll miss Lovise kiss. It's not a mark of affection, it means Keep It Short Stupid | slogan night I believe that McDonald's better Buttermilk Biscuit Breakfast is the best Buttermilk Biscuit Breakfost by far.' Say it in 2 seconds - win a bag of fries. | tONGUE TWISTER NIGHT of 3 -win a bag of fries Right lst time-win a breakfast. <br> 6 p.m. to 9 p.m. With the light brown hair. She dovours Big Macs With an elogant flair. |  | Congratulations to Faye Dospain. Winner of a JJC video Cassetro Rocordber MeDonold 's, Rollo. |  |  |  <br>  SECRETARY O FHEMONTH <br> SANDRA SHERREL. <br> Socrotary to Bob Whitos: Studont Finencial Ald Office ot UMR. <br> FOR GRADE AND JUNIOR HIGH: Somontho Asber ry suestion: What do ond Winni o the Pooh hove in Common? Michelle Willioms Answer: <br> Nome: $\qquad$ <br>  |

Wednesday, April 10?, 1985 missouri miner Page 6

## monent



| SUMn近 |  |
| :---: | :---: |
| $\frac{\text { U.S. GYPSUM, N. Kansas City, ML }}{\text { SUMMER NOBS FUR. ENGINEEFS: an }}$ SUMEER UUBS FUR ENGINEERA: any level vacation relief jobs for prod. Workers in paper mill. Cood industrial exposure graduation. WUST BE FRCM K.C. AREA. Involves shaft work). <br> PLEASE SEND U.S. GYPSUM APPLICATION obtain from Career Development, Znd (floor) AND RESUME TO: Ir. Cene R, Lampe, Personnel Superintencent, United States Cypsum Company, 111 Ammour Rc. North 'ay 1, 1985.' | Nerican prestige |
|  | sumber employment in in st. Louts (advert |
|  |  |
|  |  |
|  | Note: Interviews will be 10 min . |
|  |  |
|  | SUNRISE SYSTESS. TVC. N. NC |
|  | Interviewng unith ind de |
|  | Computer Science, Electr |
|  | CPA REQUTRESENT: 2.7 and above |
|  operating pressures. <br> Met. Ener requirements: $\mathrm{BS} / \mathrm{IE}, \mathrm{EE}, \mathrm{CE}$ or SEND RESURE TO <br> Y. Karen Dean <br> N.i. Central Pipeline <br> Box 3288 <br> Tulsa, OK 74101 | SUIRED. ${ }_{\text {dob }}^{\text {docation: }}$ North Kc, wo |
|  | Interviewer: *Hchael Yescava |
|  | rew date: |
|  | Numper or schedules: ${ }^{1}{ }^{1} 1208$ |
|  |  |
|  | Note: Company does |
|  |  |
|  |  |
|  | Interviewing stucents mio have completed |
| STGMUS EPR THE FCL WHING COMPANTS WTLL BE LOCATED IN THE BASEUENT OF TME BUEHLER BUILDING, 9tn \& Ro11a St. PLEASE USE THE ROLLA ST, WEST DCCR. ALL SUMMER SIONUPS WILL BE HELD AT MITS LOCATION. SIenup Hours: interviens. |  |
|  | QUIRED. |
|  | Job location: Belton, wo (South or Interview date: Apri1 23,1985 |
|  | Minser of schedules: |
|  | SIGMP DAte: April 10,1985 |
|  |  |

1806 N. BISHOP $\binom{$ Next to Faulkner's }{ Mini-Mart } 364 -FAS' $\}$


Buy one PIZZA Get one FREE

## No Coupon Necessary

 Must Specify When Ordering
# nin features 

# There's a new queen in town <br> the National Cherry Blossom Fes- 

Missouri's 1985 Cherry Blossom princess, Kelly Stewart, is currently a junior in computer science at UMR. She has been chosen by the Missouri Society at Washington D.C., to represent Missouri at the Cherry Blossom Festival.
The Cherry Blossom Festival is a week long festival in Washington a week long festival in Washington
D. C. which starts April 7th. There D.C. which starts April 7 th. There are 55 societies which send a prin-
cess. They include one from every state, plus the District of Columbia, Puerto Rico, Guam, Samoa and the Virgin Islands
The Queen is selected by a spin of the wheel which is the highlight of the week. The Queen will visit Japan on a good will mission. The Japan on a good will mission. The in the festival because they have the original cherry trees to the Uni ted States. Saturday. April 13 th.
tival Parade will be televised by Metro Media, covering $35 \%$ of the USA.
On April 6th, Kelly was crowned at a banquet in her honor at Bolling Air Force Base by the Ambassador from Venezela to the United States.
Kelly will take gifts representative of Missouri to present to the other princesses in the festival. Kelly remarked, "I am excited
about the Cherry Blossom Festival about the Cherry Blossom Festival
and also meeting all the other and also m
princesses."
princesses. ${ }^{\text {She is active in many UMR }}$ organizations including the varsity girls' basketball team, M-Club. Chi Omega sorority, and a Little Sister of the Phi Kappa Theta Fraternity. She is the daughter of Gary
and Sally Stewart of Bolivar.


Meet Kelly Stewart, Missouri's 1985 Cherry Blossom Queen. (Picture by Kevin McLaughlin.)

## Education-the price we pay

## by Sally Love

Now that we have all been students for a time, there are certain irrational experiences that we have enocuntered, sometimes with chagrin, other times with pain and at other times with disgust, but all a part of our "education."

The admission procedure for example. It is necessary to pay to ask permission to come and pay to take courses. And we must take a physical exam and produce all types of papers and forms to prove our ability to attend classes (to drop, there are no requirements but to carry around a piece of paper and get people's names on

Once admitted we are assigned (given to) a faculty member (person of little interest) who must direct our selection (we have a chioice?) of courses and our term of attendance (pay).

When we finally make it to a class or two we find we must (by fear of who knows what) endure a regimen of little sleep, little freedom and little joy. All this to produce non-interesting projects or papers (all totally unrelated to our career) to finally prove ourself on a lest ( a device used to weed out the ignorant, demean the wise and
confuse the knowledgeable)
Many of us have met with the fraternity or sorority crowd (none of which have proper names) and of which have proper names) and
attempted membership (for which attempted membership (for which
it is necessary to be made a fool of it is necessary to be made a fool of
and to prove ourself by the and to prove ourself by the
accomplishment of acts we wouldn't be caught dead doing otherwise). And again we must pay to be a member
For others there is the opportunity to join service organizations (which groups meet every month to plan for a once a year one day outing as good deed doers).

Then there are the professional clubs, supposedly made up of one's peers (which clubs meet frequently to discuss what will be done next time and plan the next social event), for the purpose of enriching our transcript in hopes an employer will read that far.

Having learned this, we begin to comprehend why professors have grey hair, haggard looks and weird ways. Just the fact that they have survived (can still walk and talk) the system (a method of replacing common sense and rationality with a delivery system of mathematically correct, repetitive educa tional drivel), imposes on us an

## PRIVATE STUDENT RODMS

## For Rent (Guys and Gals)

Now Signing Leases For NEXT YEAR
*Single Occupancy
*Private Entrance
*New Brick Building *Air Conditioned
*Quiet *Good Study Environment
*Across Street from Campus, University Center East, and Cafeteria
*Convenient to Both Downtown and Campus Activities
*No Car Required
*Rent Includes Electricity and Water
*Cable TV-Telephone (Optional)
See at JOHNSON REALTY
1104 N. Rolla Street
awe of their powers.
We have now encountered the Warty weekend (a spree of irradical gatherings for the prupose fo making oneself sick and losing memory in the name of a good time).

The day by day necessities are also different at college as we discover we have been sold a parking sticker to a lot that has become a quarry. Or we attempt to walk through three inches of mud on a public highway just to make it to class.

We have found that the library is a unique place, with a computer that lies about books that can't be found (and beeps at you for pushing its butotns) and current material that dates back to 1910 (and your professors want references from 1986).

We have the encountered the business end of college (the Student Union where most serious conversations take place), the resource center (the TV room). and the rip-off place (the bookstore that carries the only item you need at twice the price of it else-where when you don't have time to shop).
Many have encountered the
cashier's office that eats (an endless collection of your fees) and retains money (your scholarhips and grants) and is never open to serve students hours. We have met with the U-wide computer system that doesn't transmit in English (or any other language, it only speaks reject).

And when we find we have endured to the end, and are actually going to graduate, we find we must once more pay again to get permission to leave (the diploma) If you ask me, that's the final


## A benefit to go!

submitted by Lambda Chi Alpha On Sunday, April 14, the Brothers of L.ambda Chi Alpha will hold their 23rd annual Benefit Chicken Dinner.
The proceeds from the dinner are donated to the Cerebral Palsy Center and the Rolla State School for the Mentally Retarded. Since the start of this fund raiser back in 1962. Lambda Chi Alpha has donated over $\$ 20,000$ to these very deserving charities

The menu will include: $1 / 4$ fried chicken, potato salad, green beans, oll, ice cream and choice of drink
Tickets are $\$ 3.00$ for adults and $\$ 2.50$ for children in advance and are $\$ 3.50$ at the door. They are available from any member of l.ambda Chi and at the Key Sport Shop. Carry-out service is available as well as free delivery in the Rolla area, just call 364-9901

So, come on out Sunday April 14 from 11:00 a.m. to 7:00 p.m. at Lambda Chi Alpha for some great fried chicken and help out both of these worthy charities.

LA
POSADA
Mexico City Style Dinners
Side Orders
256 Types
of Nachos
Sundays-All
U Can Eat
Closed Monday
ROLLA
*****KME MATH CHALLENGE*****
Congratulations to:
the winner of the last math challenge. The correct solution was:

| 2 | $x$ | 9 | $\div$ | 6 | $=3$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| + |  | $\div$ |  | + |  |
| 4 | - | 3 | $x$ | 8 | $=8$ |
| - |  | + |  | $\div$ |  |
| 5 | - | 1 | + | 7 | $=11$ |
| $=1$ |  | $=4$ |  | $=2$ |  |

This Week's Challenge
Find a product of three consecutive integers which has the form abcabc such that all three numbers ( $\mathrm{a}, \mathrm{b}$ and c ) are unique. ( $a$ is not equal to $b$ or $c$ ). Please turn in solutions to the math office (not the Miner) by Thursday April 18 at 4:30

## Name:

Class:
Student \#:
Phone \#:

## Bromos

Banquet Facilities Available Men's Night-Wednesday Ladies Night-Thursday

9:30 to 1:00 341-2110
1435 Hauck Drive Rolla. MO

## STUDY IN EUROPE

The University of Louvain (est. 1425) Leuven, Belgium offers
COMPLETE PROGRAMMES IN PHILOSOPHY FOR THE DEGREES OF B.A., M.A., AND Ph.D plus A JUNIOR YEAR ABROAD PROGRAMME
All courses are in English
Tuition is 11,500 Belgium Franks $(\$ \$ 250)$
Write to: Secretary English Programmes Kardinaal Mercierplein 2
B-3000 Leuven, Belgium

## KULeuven

## Canoe Trips on the Current River Discount Until May 15 <br> Canoe Trips on the Upper Current River

 Complete Service Contact: Jadwin Canoe Rental Jadwin, Mo. 65550 phone. 314-729-5229 Shuttle Bus Service to and from Launch Points


## BLOOM COUNTY



\section*{| Qu |
| :--- |
| Phelps County Bank |
| Campus Bank |
| University Center East |}

## FOR RENT

Very nice 1 and 2 bedroom apartments. All electric energy Carpet-Appliances Efficient

## Rolla Area

Call Lanny Foster 364-6635 Eve 364-6205

## min sports

## Baseball team loses two in slugfest

by Mark Buckner
Over spring break, the Miner baseball team had a doubleheader in St. Louis against the UMSL Rivermen. The Miners, unfortunately, lost both games, 5-4 and 19-11.

The Rivermen had a four-run lead entering the final inning in game one when the Miners put on a late rally, only to fall a run short. Mike O'Dell drove in two runs while Mike Steagall and John Viehmann had the other RBI's. O'Dell collected three hits in the first game.

The Miners had nine hits UMSL had eight. Both teams committed three errors. The three errors the Miners committed came in the fourth and fifth innings, the two innings the Rivermen scored their five runs.

Game two, as you can probably tell by the score, turned out to be a hitters' contest. Neither starting pitcher could last past the third inning. The score after the first inning was 4-3, in favor of UMR. The Rivermen scored two additional runs in the second then the Miners scored four runs of their own in the third

Greg Nelson drove in the first of the four runs with a RBI double. Then with two men on base. O'Dell continued his hot hitting with a two-run triple. The Miners fourth run came on one of the most exciting plays in baseball, the squeeze play. O'Dell scored on the successfuly play by Brent Callihan

Going into the bottom of the third, the Miners had an 8-5 lead, but UMSL just wouldn't quit scoring runs. With three in the first and two in the second, the Rivermen scored an unbelievable eight runs in the third. So going into the Miner half of the fourth inning, the score was 13-8, UMSL

## BASEBALL

Neither team could score for the next two innings. The Miners got a run in the sixth frame on an RBI hit by John Schumacher. UMSL scored six more times in their half of the sixth. The final two runs the Miners got came on a homerun by Callihan. Schumacher had three of the thirteen hits the Miners got UMSL had 23.


In a recent game against School of the Ozarks Butch Parmeley hurls a pitch in an 8-5 loss Miners are currently 3-9 overall. (Photo by Brian Jones.)

The Miners now have a record of 3-9 overall and 1-3 in the conference. The Miners are at home today going against Lincoln. The Miners also play here Friday and

Sunday against Harris-Stowe and Washington University, respectively. The Miners got some bad news when their star outfielder Vernon Huggans tore the hamst-
ring muscle in his right leg during a team workout. Huggans will miss the rest of the season and there is a possibility he may not be able to continue his athletic career

## Miners face tough competition at SEMO

by Dan Lichtenwalner The Miner track team cut its Spring Break short, travelling to SEMO to compete in the Semotion relays. Competition was fierce, with teams such as Ala-
bama. Mizzou, Purdue, Marquette, Wayland Baptist, Middle Tennessee, and others competing. The Miners 'highest finish was in he four mile relay, in which they
placed fifth. John Borthwick. in his first race of the outdoor season, led off with a $4: 19$. This put the Miners in contention for the lead. The next three runners held the race close. with Mike Deamer (4:27), Jeff Balmer (4:26) and Dan Lichtenwalner ( $4: 27$ ).
The 400 m relay team ran their see Track page 10

## 

Expert cleaning Reasonably Priced 108 W. 7th Street Rolla, MO 65401

SUB's 4th Annual

## Little Piney

 Swamp$A$ Thon12 noon, Sat., April 28

## Canoe rental free <br> Maps available in <br> Room 217, UC-Wes

BIRTHRIGHT of Rolla offering New Early Pregnancy Detection Test - FREE If you are distressed by an unwanted pregnancy, call us. WE CAN HELP

Ofc hrs M TWF 12-3 PM
Thurs 6-8 PM Come by 215 W. 8 th 364-0066

## and 2

rtments. pliances $36+620$

Sigma Chi's 4th Annual
Air Band Contest


Music Sigmavision
Fri. April 12, 1985
Pennant Hall 8 p.m.-1 a.m.
For more info call 364-1433. Call and enter now!!!
Deadline for entry April 10, 1985 !!!!!
Sponsored by: Mullally Distributers End of the Rainbow Midwest Dist. Pro Shop


UMR's Lady Miner Amy Volmert gallantly tries to belt one out of the park. The Miners lost however to William Woods 3-O. (Photo by Brian Jones.)

## Vilanova's 78\% shooting play April Fools on Georgetown's Hoyas

by Jeremiah Golston The Georgetown Hoyas cannot fail to repeat as champions of the NCAA Division I basketball tournament!" This was the talk that filled the air before the game for the national championship. However, a homogeneous Vilanova squad with unfailing discipline. stunning shooting and an indispensable supply of guts and determination has turned the pre-game talk into another edition of April Fools.

Yes, Georgetown is an awesome team with perhaps more depth, power, and ability than any previous team in college basketball. Nevertheless, the impressive victory of the Vilanova Wildeats cannot be pushed aside as a fluke, or an accident of nature. Unlike N.C. State's. Victory over Houston in the final two years ago where Houston played a sloppy game underestimating theirrivals Georgetown played a solid game on both offense and defense.

From the beginning of the game it was apparent that Vilanova was prepared to match (ieorgetown's strength with an incredible display

## Christopher

 Jewelers BALFOUR COLLEGE RINGS many styles Fine Diamonds, Jewelry Gifts, Watches, Clocks Engraving \& Diamond Setting Jewelry, Watch \& Clock Repairing Special Order Work Designing All Work Done In Our Shop by professionals903 Pine Phone 364-2264
of teamwork and patience. It is true that Ed Pinckney showed he was not afraid to face Patrick Ewing and Gerry McLain proved that he could prevail against the Georgetown press which had haunted teams all year. However, these individual contributions in themselves could never have ousted the defending champions.

It was Vilanova's unity, their cohesiveness on the floor, and their lack of greed for individual stardom that led them to victory

One need look no further than the Wildcats stunning 78\% shooting from the field to see their unselfishness. Remember, this was against the Hoyas, a spectacular defensive team which had held its opponents to under $40 \%$ shooting from the field all year long. Only a
team with the flawless shot selec tion and execution on offense that Vilanova showed could even dream of such a feat. Once again it is proven that teamwork wins championships and that more than just talent and luck are needed to basketball

## ROBIN'S NEST

Next to China Garden on Hwy 63
$10 \%$ Discount from the following rates for Early Reservations Before April 21,1985 ( $\$ 125.00$ Deposit Required)

## Summer Term: <br> June \& July)

Double
Single
\$160/term
\$270/term
One Semester:
$\$ 100 / \mathrm{mo}$
$\$ 190 / \mathrm{mo}$
Two Semesters
$\$ 95 / \mathrm{mo}$
$\$ 180 / \mathrm{mo}$

## Cardinals promote College Night

A new promotional event has department at the discounted price been announced by the St. Louis Baseball Cardinals for 1985
The event, College Night, will be held Friday, April 19. when the Cardinals play the Pittsburgh Pirates at 7:35 p.m.
department at the discounted price
of $\$ 3.50$ each. However, any stu-
dent with a discounted ticket must
show their valid I.D. at the gate, or
they will have to pay the extra
$\$ 3.00$ to enter. All college students in the Car-

## BASEBALI

Any student with a valid college or junior college I.D. can purchase a regular $\$ 6.50$ reserved seat for just $\$ 3.50$.

Music videos will be shown on the giant video board in Busch Stadium before the game and between innings to make for an even more entertaining night.

Blocks of tickets may be pur chased through the group sales

## Track

fastest race of the year, combining for a 400 meters in 42.9 seconds George Louis-Ferdinand got them off to a good start, and Brian McElroy got the team a definite lead. Lloyd Flowers and Ike Iloputaife held the lead, as the Miners easily won their heat. Some other heats had faster times, and UMR ended up 10th overall.

The sprint medley relay team also ran well, placing tenth overall. This relay consists of two 200 meter legs, a 400 m , and an 800 anchor leg. The 200 meter legs were run by George Ferdinand and Ike Hoputaife, who each ran strong. Brian McElroy ran a 49.9 second 400 leg, and John Borthwick anchored with a 1:56 800, his fastest of the year.
In some other events. UMR ath-
tes put in their best performance
dinal area are encouraged to attend this night where they can enjoy a baseball game, the latest in music, meet new friends, and create memories with old ones.

Further information about Col lege Night can be obtained through the Cardinal office by phoning $314-421-3060$ or writing the St . Louis Baseball Cardinals Market ing Department, 250 Stadium Plaza, St. Louis Mo. 63102.
from page 9
this year. In the 10 K , Curt Elmore ran a $33: 20,40$ seconds faster than earlier this year. Eric Schuenemeier continues to improve in the pole vault, claring 13'-6"this week Bob Gorham threw the shot $47^{\prime}-9 "$, and threw the javelin $180^{\circ}-0^{\prime \prime}$.

A meet of this caliber allows the athletes to open up and give their all because of the excitement in the air that is felt at a large meet. For example, the 400 meter run was won by 1984 Olympic gold medalist Ray Armstead. Running against competitors such as Ray has got to get you going: otherwise you end up alone.

The Miners will face more tough competitors this weekend as they compete in the Western Illinois relays. The team is looking for ward to more good performances.

## 115-60=

*Student Financing Available*


MAZDA RX-7.
THE SPORTS CAR THAT TAKES THE HIGH PRICE OUT OF HIGH PERFORMANCE.
Here's one high performance sports car that doesn't come with a high price. Yet its standard equipment includes Mazda's exclusive rotary engine, front and rear stabilizer bars, 5 -speed overdrive, full instrumentation, and steel-belted radial tires. Test drive one soon.

## \$10,945

Sellers-Sexton 364-7300 Hwy 63 South Rolla

## KUMR

University. Any decision regarding the station would have to be approved by the Board.
Stoll states that the station was hurt a few years back by the near collapse of National Public Radio, collapse of National Public Radio, which is a membership organiza-
tion for the public radio community. The organization produces and distributes national programming. A few years ago, NPR bailed out on the brink of bankruptcy by he

## Run

thing positive about the funding situation in Missouri should consider participating in the run to Jefferson City. Each runner will pay $\$ 2$ for his T-shirt.
Refreshments for the runners are being provided by private.

## First lady

her career, Mrs. Magrath has
up with a motto for herself: 1. Do not be sick: it doesn't pay 2. Do not be tired.
3. Do not be afraid: it does not help.
4. Do not ask each other 'Do you think they know who we are?' when we encounter new people. She concluded her speech with her own conclusions on 'public partnership". First, she says, "Spouses should have the choice of whether to be public partners or not." Second. "There ought to be more recognition for spouses." Third, "Pay might accompany the job if it fits both parties." And last, "When the president is a female,

Corporation for Public Broadcasting. To pay back the CPB, the member stations of the NPR were required to make payments and these took a substantial part of KUMR's operating budget.
KUMR serves the public, but does it serve the University? Stoll says he believes it does. "Students listen to the station when they want something different to study to." He says that the students turn to

Start off right with a new Buick, Oldsmobile or Jeep from Schweiss Motors.

## We offer:

1. Special prices for graduates.
2. Special financing terms to fit your budget.
3. Over 100 new cars to choose from. Several new sport models.
Stop <br> <br> <br> } <br> <br> \section*{<br> \section*{VIAMC|Jeep. <br> <br> \section*{<br> \section*{VIAMC|Jeep. <br> <br> \section*{<br> \section*{VIAMC|Jeep. <br> <br> <br> <br> <br> Schweiss Motor Co., Inc. <br> <br> <br> <br> <br> Schweiss Motor Co., Inc. <br> <br> <br> <br> <br> Schweiss Motor Co., Inc. <br> <br> <br> <br> <br> 500 Hwy. 63 S. Rolla <br> <br> <br> <br> <br> 500 Hwy. 63 S. Rolla <br> <br> <br> <br> <br> 500 Hwy. 63 S. Rolla <br> <br> <br> <br> <br> Open 8 to 6 Saturday til 4 p.m. <br> <br> <br> <br> <br> Open 8 to 6 Saturday til 4 p.m. <br> <br> <br> <br> <br> Open 8 to 6 Saturday til 4 p.m. 364-1323 364-1323 364-1323 <br> <br> <br> Graduates <br> <br> <br> Graduates <br> <br> <br> Graduates <br> <br> <br> (115) Oldsmobiles <br> <br> <br> (115) Oldsmobiles <br> <br> <br> (115) Oldsmobiles <br> <br> <br> BUICK} <br> <br> <br> BUICK} <br> <br> <br> BUICK}
local donations. Student Council and the Inter-Residence Council are in charge of the project. If interest in this "Run for Better Education", please contact the Student Council office in the Unitudent Council office in the Unifrom page he same way.
Mrs. Magrath has met with opposition to her career. She cited letter in response to an article on the unique relationship she and the president share. The letter acused of 'selling out' because 'social functions are not significant contributions'. In response to the letter, she poses the question. "Why does judgement have to be so harsh between sisters? When are w going to appreciate and recognize and value all contributions?"
Mrs. Magrath then closed her speech with a quote from Emily Dickens. She recieved much applause from the audience.
from page

KUMR when they want a change from the rock oriented programming of KMNR
Stoll adds that K U MR's federal funding is directly dependent on the amount of local support it receives. In other words, the more funding received from local sources, the more that will be allocated from federal sources. So the staion cannot exist without loca support.
April 20th through 28 th will be "K UMR Public Radio Campaign " 85 " This is an annual membership
and fundraising campaign. Stoll urges listeners to pledge their financial support. This will make it possible to continue KUMR's service to the area.

According to Stoll, the staff at KUMR is going to continue performing it's tasks despite the somewhat ominous recommendations by the administration. "We will continue to do our job with whatever is made available until such time as administrative decisuch time as administrative deci-
sions dictate otherwise."


During a lifetime, the average human heart beats 2.5 billion times.


The Indians of the Carib bean would not eat turtles for fear such a diet would make them stupid.

## Verification

States back, and would be less likely to cheat since they would view the United States cutbacks as beneficial. They feel that there has not been any solid evidence of any Soviet cheating and that such claims are made by those who would arm the United States as strong as possible and forsake detente.
Supporters of the freeze feel that since major parts of the freeze are verifiable, that the uncertainty remaining in exactly what our capabilites are, coupled with partial verification of the factors, would deter the Soviets Opponents deter the Soviets. Opponents feel that this is naive, and that with the closed society, the Soviets could cheat in all sorts of little ways which would add up to be significant, raising the possibility of a confrontation with the Soviets in the long term. ${ }^{24}$

A MORE OFFBEAT approach comes from Graham Allison, who feels the Soviets should open up to the United States about its military affairs more. Allison explains Soviet secrecy as a reaction which hid inferiority from which hid inferiority from their enemies in times of weakness, but which he feels recent history has shown to the Soviets to be counterproductive when dealing with the United States (i.e., the 1960 s missile gap). If the Soviets would make more information available to us, we could determine whether or not the Soviets were being truthful about weapons and perhaps even intentions ${ }^{2}$

Policy

TEvanluation
HERE ARE MANY difficulties in achieving a meaningful arms control agreement, and some
people feel that the obstacles are insurmountable. The price is too high for failure, so we must continue to try. Allison's work is nice in theory, but the idea that we could change the Soviet perspective that much Soviet perspective that much time is nearly hopeless. It is time is nearly hopeless. It is not clear to me that the United States would accept physical inspection of its weapons systems.
The administration criticized the Soviet START prop osal because it did not offer deep enough cuts, and was very favorable to the Soviets. For the first point, to me, a one fourth reduction is a significant starting point, even if it is cant starting point, even if it is not an overwhelming breakthrough (but is our one-third cut either?). As for their prop-
osal favoring their side, our
see Evaluation page 12



## Make the most of your SUMNMER 1985

 and lighten your fall and spring semester load.
Take an inexpensive transfer course in art
composition foreign language humanities literature speech

## We offer enjoyable, interesting courses such as

 Humanities in a Changing World British Literature
Elementary French or Spanish
Introduction to Philosophy
Tuition is $\$ 24$ per credit hour for residents of the St. Louis Community College service area. Summer classes begin June 10.
Register by mail now through May 15. Register in person now through June 6.
For more information or to have a schedule of classes sent to you,
call or write the Humanities division.
St. Louis Community College at Forest Park 5600 Oakland Avenue, St. Louis, MO 63110 5600 Oakland
$314 / 644-9390$

## Missouri Bills

Other curious bills in Missouri's House and Senate include mandatory discipline codes in the "Excellence in Education Act," a cable TV service theft bill, and a Missourifarm loan bill.
The mandatory discipline bill is, as described by Senatory Emory Melton of Cassville, an establishment of a uniform "criminal code of discipline and punishment" for students. And per Senator Norman Merrel of Monticello: such "codes could make public schools too restrictive of personal freedoms. Students have rights." This, however, has remained in the "Excellence in Education Act" and indeed, only one item has been deleted. Missing is a provision which establishes a committee to monitor the proposals


Harold's Used Book Shop
Paperbacks, Comics and Magazines Used Playboy's, Penthouse, etc.
${ }^{409 \text { Oak Street }}$ Rolla. Mo. We Buy and Sell


28 Flavors
Shakes, Malts, Sundaes Ice Cream Sodas
Hours: Mon.-Sat. 11-10; Sunday 1-10 1005 N. Pine, Rolla, MO

Remember to Use Your
Student Discount Card
for a $10 \%$ Discount Forum Plaza
monies are distributed as intended.
The cable TV service theft bill is another issue of superficial plausibility. The bill, as stands, has two sets of penalties depending upon the determined amount of theft. A differentiation of penalties is plausible, but the extent of these penalties is not. Theft of a determined value less than $\$ 150$ in cable TV service is to be a misdemeanor punishable by one year in jail and a $\$ 1000$ fine. A greater determined amount is to be a felony punishable by up to seven years in jail and at $\$ 5000$ fine. Both sets of penalties are excessive given other crimes which must be committed to receive similar punishment. And, yes, now for the farm loan bill. The curiousness attributed to this item stems

## Renting right

from page 3
clause saying the owner does not have to return the deposit until 30 to 60 days after you leave. He is just going to earn more money on your deposit and might also hold you responsible for something that happens after you leave. Have a clause put in that says the deposit will be that says the deposit will be returne
6. Make sure that you obtain a copy of the lease and keep it in a safe place. Every tenant of the apartment should have a copy in case trouble comes up later and the only person with a copy has left town. Also, obtain a written document of every agreement between you and the ment between you and the landlord. This is in case you have to take him to court if he doesn't give you your deposit back.

## Evaluation

proposals favor our views and goals. Neither side will accept a proposal which does not protect their interest.

A comprehensive test ban treaty would be of major significance, and to tie it to condinions which are unlikely to occur for quite a long time occur for quite a long time
seems to deny its significance and usefulness. The administration also feels it is unverifiable. To initiate this treaty would at least put a stop to the continuous development of
apartment but your roomnates change, make sure the owner returns the deposit to the tenants that are leaving. Don't return the deposit from your own pocket hoping the landlord will return it to you later.
8. If you have any doubts about a lease you are signing, take it to a lawyer. The County Courthouse can help you find one.
When you're looking for an apartment, probably the two most important things that are on your mind are the price and the location.
A lot of places in Rolla require that you pay for the utility costs. This gives the owners no incentive to make their apartments energy to ficient Check things like effient. Check hings ike insula tion thickness in the attic, types of windows (are there storm windows?), previous average utility bills, etc. Checking things like this
before you sign a lease might save you a lot of money in the future. Also look at the condition of the apartment. When was the last time the walls were painted? If the landlord is reluctant to make smal improvements like this, then he might be slower to respond to a more serious problem. Check with people who know the landlord and something of his previous actions Remember most landlords have been in Rolla for a long time and know all the tricks of the trade. They realize that students here at Rolla are very busy and usually don't have the time to pursue a dishonest landlord that has ripped them off.

One last warning If you run into a landlord that sells life insurance beware if you are not carefuly, beware. If you ar in the carefuly you will pay for it in the long ru either in time or money, both of which are very valuable to college
students. students.

A Concerned Student
ever increasing numbers of "better" warheads. Perhaps it might even forestall a future problem, such as we could have avoided had we banned testing of MIRVs. The verification problem stems from a lack of data inconclusive data, and sometimes from an data, and sometimes from an over-extreme quest for secrecy in the name of security. With an international monitoring agency, and with sharing of data which is often highly classified, and with tamper


## Student Rooms for Rent Available YEAR ROUND <br> Doubles, Singles, Kitchenettes, Community Kitchens, Private Baths, and Community Baths, Supervised Housing. <br> QUIET HOURS <br> 24 Hours a Day <br> Seven Days a Week <br> RollaMo Office: 1204 Pine <br> Several large <br> houses close to campus for 5 to 7 men, several <br> efficiency <br> apartments also available <br> Contact: <br> John Keller at <br> 364-6886

from page 11
proofseismicinstruments located around the world, the chance of successful cheating would probably be very low.

Build down has many good parts incorporated within it, but it also has bad points. First of all, there is no limit on modernization Moderniza moderniza ill Mo tion is not all bad, as there is a need to replace aging systems, because of reliability problems, but increasing capabili-
see More Evaluation page 13
ties are destabilizing. As for the insignificance of stored warheads, they are insignificant as counterforce weapons (targeted at weapons systems), but they are a very credible countervalue weapon (targeted at cities and industry).
I feel an international agency which would be responsible for verification and dealing with questions of condealing with questions of con-
tested systems would be very tested systems would be very
useful. As it stands now, it is useful. As it stands now, it is our work against the Soviets',
and with the reluctance of the and with the reluctance of the
United States to share the perUnited States to share the per-
tinent information, it may
seem as if the United States is crying wolf. An international agency, or group of nations with access to the kind of information which would be made available could then provide a disinterested viewpoint. The nuclear dilemma we are in transcends national boundaries, and the rest of the world has an undest of the interest in the undeniable interest in the promotion of stability. I do not think that such an agency should be the initiator of dialogues, unless it is as the unified voice of world pressure against nuclear weapons.

As for the freeze, it points out that the quest for verification does not have to be an end in itself, but that it must only be a reasonable factor. Yet, in a statement in April 1982, the State Department said, "A freeze on all testing, production, and deployment of tion, and deployment of nuclear weapons would include important elements which could not be verified, ${ }^{26}$ and implied that the Soviets could not be trusted. While it is true that the United States relies more on national technical means than the Soviets, this is a problem which can be over-
come if we choose to try hard enough.
Actually, it seems that the United States often inserts unacceptable conditions into proposals either to invite rejection or because of ignorance. President Nixon's demand for President Nixon's demand for MIRV ben MIRV ban was seen by some as the result of Pentagon opposition to the plan. ${ }^{27}$ And President Reagan's early proposal to the Soviets was an offer destined to fail because of Soviet basing modes.
Perhaps the problem is that the United States places too
much emphasis on verification, treating it as an end in itself. Certainly verification is not an unbeatable foe, but an obstacle and distraction on the road to lasting peace and security.

## ENDNOTES

1. Gerard Smith, Doubletalk, Dou2. Security and Aress, 1980, p. 99 .
2. Security and Arms Control: The Search for a More Stable Peace, Bur. of Public Affairs, Washington, D.C., p. 3 .
Arms Control Issues for the Public, Columbia Univ., 1961, pp. see Endnotes page 14 To the Billionaire.
Please don' become a mis-sino-thrope.

## misc.



## We're New in Town!

Come see our wide selection of

## Women's Active Wear

Featuring.
Hang Ten, Gloria Vanderbilt, Panama Jack, plus many others

> Flaire, Inc.

341-3279
Hours 10-8 Daily
1421 Forum Drive

## Verification Endnotes

4. Ibid., p. 22.
5. Ibid., p. 23 .
6. U.S. Department of State, Security and Arms Control, p. 3 . Public, p. 40-3.
7. Ibid., p. 43.
8. Gerard Smith, p. 100.
9. Bhupendra Jasini, "How Satellites Promote, the Arms Race," Ne

## Large Apartments For Lease

2 Locations: Campus Location, 1400 Pine St includes stove, regrigirator, water *price range from \$200-\$325
Near the Forum, super-nice apartments, 970 sq. ft., stove, refrigirator, dishwasher. swimming pool. $\$ 350 /$ month John Brown Realty 364-1886

Sunday's Special Italo's ALL YOU CAN EAT $\begin{array}{ll}\text { Brunch } & \$ 3.75 \\ \text { Buffet } & \$ 4.75\end{array}$

Wednesday Night is Pizza Night Buy one get one free

Also Available
Catering to Fraternies \& Sororities
Hwy 63S
364-0212

## Let Loose. GO BOWLING

Sunday Nite 9 PM-Midnite All you can bowl -- Only $\$ 3.00$ per person

Mon \& Tues Noon-6 PM Rent-a-lane for $\$ 4.20 / \mathrm{hr}$.

Wed \& Thurs $11 \mathrm{pm}-1: 30 \mathrm{am}$
All you can bowl -- Only $\$ 2.50$ per person
Friday $3 \mathrm{pm}-6 \mathrm{pm}$
T G I F PARTY
Bowling $\$ 1.00 /$ Game Special Beer Prices
We serve Beer \& Wine on Sundays
April Savings Bonanza
Bowl 3 games for
$\$ 2.25$ with this coupon
Culumal Lamex, 3nt.
Bus. Loop I-44 WEST
Rolla, MO
364-4124

## Charges of Soviet Cheating

 Science, May 13, 1983.5.S. State Department, p. 15. U.S. State Department, p. 24
17. Ibid., pp. 58-9.
18. "Seismic Verification," The Bulletin of Atomic Scientist, March 1983, p. 5 . 9. Alton Frye, "Strategic Build Down: A Context for Restraint," Foreign

## ATTENTION August and December Grads in Electrical Engineering, Computer Science, and Mathematics.

## The <br> National Security Agency has professional career opportunities for you and will be interviewing on Campus Monday, April 15.

[^0]


## EE course found to be carcinogenic

## by Cordell Smith

 Rolla, April 1-A study released here today by the Institute for Cancer Research indicates that EE61 (Circuit Analysis I) causes cancer in laboratory animals.A test group of 50 rats placed in cages lined with homework problems showed evidence of paw tumors after only three weeks. Other rats who were exposed to taped lectures every other day demonstrated high incidence of tumors over all exposed skin.

Preliminary reports of another study by the ICR, this time dealing with cancer incidence among students who had taken the class, warned that "it appears EE61 is highly dangerous to humans" and that an "exponential relationship" was shown when the student's grade for the class was factored into the statistics. (See accompanying chart.)
Various governmental agencies expressed alarm
"We are, of course, concerned," said a spokesman for the Envir-
onmental Protection Agency. "One by-product of the class is an inordinate amount of contaminordinate amount of conter nated waste-paper. If additional studies confirm the danger, we will issue strick regulations under the Toxic Substances Control Act. Should conditions warrant, we might ban the class entirely."
A press release from the Food and Drug Administration warned that, because so many students bring food and drink into class brith food "we will have to moniwith the situation closely to detertor the situation closely to determine if the class violates food additive laws, within the meaning of the Delaney Amendment" (which regulates food additives). "We are considering a moratorium on the class until we finish studying the ICR Report which . . . could take up to 2 years . . "
FDA suggested that students in the interim be given copies of reference materials "other than the textbook, which we consider hazardous" for students to study on their own, along with full credit
as if they had taken the class. University officials offered no answers to our questions, primarily because we never asked any.

The ICR Report was financed by a grant from the Engineers Enlist progect of Youth Encouraging Curriculum Changes for

Health and Happiness (EEYECCHH, Inc.), a non-profit social welfare organization.


## PFM helps out in Ethiopia

by Mella J. Sage
Rolla, April 1-In February, a request was submitted to PFM, the food service company serving UMR, to help in the fight to end world hunger
PFM took the matter into con-
remainder of the food was sent back to UMR in the last week of March.
When questioned as to why the food was sent back, a PFM employee said, "I guess they just weren't accustomed to eating fine
sideration and after several hours of deliberation, they came to a decision: To ship the equivalent of one day's food served by PFM at UMR. Upon report of how successful the effort was, to discuss the possibility of withdrawing from UMR and serving Ethiopia exclusively.

The food was sent to Ethiopia the first week of March. The food was then distributed in a small village. Sources said that the children soon lost interest in the food and began chasing beetles. The

American cuisine."
PFM is in the process of trying to set up a recipe trading system with the Ethiopians. If successful, the new recipes will be in use as early as the fall semester
At its meting April 1, PFM decided, after much deliberation to halt the shipment of any more of their food to Ethiopia. This will their food to Ethiopia. This will
enable them to keep all of the 'fine enable them to keep all of the 'fine
American cuisine' on the UMR campus where they feel it is appreciated more.

UMR
to put ancient computer to good use

## by Kevin Thornsberry

In response to recent cutbacks at the computer center all class D and E jobs will be run on the UMR stonehenge, say computer center officials.
The stonehenge, an ancient computer, is located on the edge of campus just next to business 63. In a press release from the UMR computer center it was stated that computer center, it was stated that the stonehenge does have the ability to carry some of the load presently carried by the VMB and VMC computers. The stonehenge may be accessed by sending jobs to "VMB.C."
The only difficulty is that all output from stonehenge run jobs must be picked up at noon CST (11:00 a.m.CDST). Presently, all output must be picked up at the output must be picked up at the stonehenge, but a request has been made to purchase several sets of mirrors from the Physics 24 labs to route the output to the window at the computer center
Mark Bellington, a junior in computer science, disagrees with the change. According to Bellington, he ran a job on the stonehenge while it was on test status. He went to the stonehenge at 11.55 a m to pick up his output At approxi pick up 11.58 a purge Ah approxi mately H1.58 a large Al andercloud blocked the sun from the stone henge and he lost a large portion of his output.


Diagramatic representation of proposed mirror arrangement routing output from stonehenge to computer science building.

Wednesday, April 10?, 1985 mizery miner
Page 2

## news briefs

## CMS crashes

Just what did this hacker do? Computer operator J.D. Who- trying to save time by this. He

Three weeks ago at the height of computer usage one student descriges a half-hour turn-around after a one-hour wait for a after a one-hour wait for a He says he tried all the tricks he
terminal- Jason updated his_ knew, then called Berk Breathed,
 any computer operator It included an infinite loop beat all infinite loops.

Immediately - or rather, within 30 minutes both UMRVMA and VMB systems had crashed. dunit, who was working that evening. says it took four hours to calm the machines down.
veterinarian at the Rolla Municipal Zoo. Breathed came with a tranquilizer gun and shot the systems.
Jason, as we shall call the hacker responsible, pleas that he was only
won t be clear on this point, but it has something to do with a new system and typing "IPL CMSINIT3"
ad nauseum
But Jason admits it wasn't a

SUB Presents:
Drive-In Movie Night

Johnny Dangerously and
Thief of Hearts
at the Rolla Drive-In
Starts at Dusk
Free with UMR ID
from page 2
totally innocent mishap. He himself says he had an inkling of what would happen.
People who know Jason say he has been a hacker for several years. They also note that he has had an some time (not the Computer Center, it's director, or any teacherthe computer - weird! they say).
see CMS crashes page 2


Typing Coupon
Mon-Fri
8-5 project.
$15 \%$ discount with this coupon when you bring in a new customer

We specialize in technical typing.
603 Pine street 341-3147

## Gold discovered on campus

by Sylvia Chin
Rolla, April 1-Two electrical engineering students, Gregg Mueller and Joe Sanchez, discovered gold while walking back from the Extravaganza Thursday afternoon.
They were cutting through campus when Joe Sancher tripped on a rock by the new foundation of the Vachel McNutt Memorial Hall He comments. "I saw these pretty rocks. so I thought I'd take them back to the dorm.

Gregg reported. "Sanchez would not continue without the rocks. so I loaded Sanchez with as many rocks as he could carry and I took an armful back myself."
Mueller and Sancher would not specify how much gold was taken from the rocks.

The University has hired professional miners to look for more gold. There are speculations that if more gold is found, the entire university may have to be dug up and relocated this summer. Further information will be disclosed later.
SUB Presents:
HOT
SHANDY
High Energy
Acoustical
Music from
The Land of
Ireland
and also
The USA
Thursday April 11
Noon - Hockey Puck

## SOME COLLEGE COURSES ARE MORE EXCITING THAN OTHERS.



How many college courses teach you how to shoot the rapids? Or rappel a cliff? Or find your way out of a forest with nothing but a map and compass to guide you?

At least one does-Army ROTC.
And you could find your-
self doing any one of a
number of exciting adventure training activities like these in the Army ROTC program. Activities that develop your stamina. And your self-confidence.
But adventure training isn' the only way you develop. You'll also learn the basics of leadership and management by attending ROTC classes, along with the subjects in your major

And you'll be excited about two other benefits Army ROTC offers. Financial assistance. Up to $\$ 1,000$ a year for you last two years of Army ROTC. And the opportunity to graduate with both degree and a commission in today's Army-including the Army Reserve and Army National Guard.
If you are a U.S. Citizen, and are a freshman or sophomore who missed the opportunity to take Army ROTC. it's not too late to get in on the excitement

Pre-register for Military Science 10 Basic and find out why so many UMR students take Army ROTC
For more information, contact
Cpt. Terry P. Bartkoski Military Science Department BIdg. T-2
or Call 341-4740
ARMY ROTC

# mincomments 

## Confession of a greedy Democrat

## by Art Smith

I have a confession to make. All of the radical editorials that I have written are not a true reflection of my personal views. I have been faking it.

You see. Art Smith is just like everyone else. I have desires and lusts just like all of you. . Well, maybe not lusts, but I do have desires.

In actuality. I'm a hard-core liberal. I think the defense budget should be zero, and the money spent on a big detente party instead

My modern day hero is Tip O'Neill. Ronald Reagan is just a narrow-minded, senile dinosaur with McCarthy mentality.
As you can see, I'm just you're average. happy-go-lucky Jane Fonda fan. 'If it weren't for Jane and Walter, where would we be now?" That's what I always say.
Your're probably asking yourself, "If what this guy is saying is true, then why does he write such stupid, obnoxious, and obviously conservative articles?" The answer is simple My editor makes me do it, and pays me fairly.
well for doing so, I might add. As a good open-minded, liberal type person. I realize the importance of monetary gain and I set my standards accordingly.
Now that you know what I'm really like what say we just blow off all those negative replies? Why should anybody waste time rep lying to one of my right-wing pieces of slop when down deep I'm just one of you? Blow it off. There's just too many things to do that we shouldn't do, to waste time sticking up for our own personal views.

## 4

Noulfor, Hair
$341-3800$ itque
1720 N. Bishop
Across from TJ Hal
SUB Presents
Dave Syrotiak's
National
Marionette
Theatre
Cedar St. Center
8 p.m.
Tuesday, April 16

Free and open to the public



## Every TI calculator comes with one extra number. 1-800-TI-CARES

When you buy a Texas Instruments calculator you don't just buy a calculator, you buy Texas Instruments' commitment to quality.
It's a commitment backed by a fully developed service network that includes the above toll-free number you can call from anyplace in the United States.

If you have any applications,
operations, or service questions, call us Monday thru Friday between 9 am and 4 pm CST, and we'll be glad to help.
If your calculator needs repairing, we'll direct you to one of our 46 conveniently located service centers for an immediate exchange. Under warranty, it's free. If there's no center near you, we'll do it all by mail.

Of course, there's just one catch. It has to be a Texas Instruments calculator. But then, if you're as smart as we think you are, why wouldn't it be?

## Texas INSTRUMENTS

and services for you.

## Union of the Snake slithers in Lost World

by Paul McLaughlin Duran's new movie Lost World had it's private screening last Monday in St. Louis, and the Miner was THERE
Lost world answers the oftasked question "what is that video Duran Duran's musíc videos Duran Duran's music videos
have been notoriously on the have been notoriously on the
bizarre side. "Union of the Snake" bizarre side. "Union of the Snake"
was one of the first. It had the lead was one of the first. It had the lead
singer finding some lost and forgotten world under the sands. He is taken there, sees the place, escapes. and watches it burn - right? From the video it was hard to tell, but in the movie all (or, at least more) is

In the movie the band is a group of archeologists on the track of the lost civilization of the Giks (pronounced "geeks"-a sub-group of the Incas). They follow clues through North America until they came to a wasteland "East of Newburg and West of St. James" (a the mysterious message said). There they find the Giks actually the Giks found them ("captured" is a good word). The band is taken underground through a series of steam tunnels and they meet the son of their king (this is reminescent of "Union of the Snake"?). .
At this point, the reason for the title of that song is revealed. The

Giks are plagued by hoards of rubber snakes. During the meeting, one swoeps into the crowd and several men in green start yelling, "Snake, Snaake!" The band's challenge for the movie is set right here: Find the source of the ruber snakes and shut it off forever.
Anyway, back to the story. After the snake incident, a few insults are exchanged, the reqisite fist fight is fought. and the band is subdued (later to fight again and win). They are taken to a cavern of bizarre tortures ("Wild Boys") from which they escape.
While hiding from the Giks, they try valliantly to find the source of the rubber snakes. One of the civil-
zations young women gives them efuge (at great personal risk), and we have the requisite, though fleet-
ing. love sparked between her and a band member.
After this goes on for a while. they find the source. The rubber snakes live and breed in the pockets of some scuzzy green jackets. Even as the band made this discovery, they are recaptured. Again they come face to face with the son. The band tries to explain, but he won't hear any of it (a but he wont hear any of it (a
socially uneducated thing to do socially uneducated thing to do
you say, but as one of their guides you say, but as one of their guides
along the way put it, "What else can you expect from Giks?")

So the band has to fight its way out. As the band is returning home, the Giks are returning to their ignorant ways.
I think Lost World is a long awated film. (For one thing, I was wondering about all those videos myself.) It was tastefully done (this movie has none of the silly "Here we are hunting in the Bermuda Triangle for the Lost Atlantis" fla-

## vor to it).

Will it do well when it comes out next month? Who knows? It is however, worthy of at least two weeks run, and many at UMR will find it particularly anpealing.

## CHEMISTS

Program development and xpansion at MRI has reated the following immediate openings for selfmotivated professionals:

INORGANIC / ANALYTICAL CHEMIST- Responsible for preparation and analysis of environmental and physiological samples for trace metals. Requires BS with experience in inorganic analysis using ICP or FAAS.
COATINGS CHEMIST- Assists
in lab studies related to development, formulation and evaluation of coatings. Requires MS, or BS, with at least 3 years relevant experience in coatings research.

PHVSICAL CHEMISTS (2
openings) - Research in
combustion processes and high temperature phenomena using mass spec and other physical techniques Requires PhD , or MS/BS with relevant academic/industrial experience. Knowledge of electronics and high vacuum techniques
desirable.
SR. TECHNICIAN- Assists in lab studies and tests; designs/sets up lab testing equipment. Requires high school degree or equiv. plus 1 year of experience in a lab involving electronic testing equip. AA degree in Electronics highly desirable.

MRI offers a competitive compensation and benefits package. For immediate consideration, send resume specifying salary requirements to Anthony Kinnaman at:

MIDWEST RESEARCH INSTITUTE 425 Volker Blvd Kansas City, MO 64110
equal opportunity
employer M/F/H/V

## A new outlook for the EE department?

by Michael Walsh
Rolla, April 1-An earlier "Miner" article explained the asbestos problem in the Electrical Engineering building. Taken were Engineering building. Taken were pictures of lounge where the walls and faculty lounge where the walls were in great need of repair. The problem, to date, has become much worse. The hazardous asbes os lining inside the walls is now exposed in several classrooms and hallways.
The Student Council has been debating to get the EE building repaired over the summer when the building will not be in Dean Roberson, Dean of Students, said that with the growing number of
electrical engineering students, the EE building is in constant use even in the summer. This would not allow for the repair time needed.
J. Barnham Construction Company gave an estimate of necessary repairs for the building. It would take approximately 7 months at a cost of $\$ 943.251$ for labor and materials. Taring or labor and materials. Teats now worn por tions of walls and replacing them would stir up a very high asbestos count. The building would have to be vacated. The walls would be replaced with conventional plasterboard instead of the plastercoated asbestos which has been there since 1923.

On April lst, last week, the Board of Curators met to discuss the problem. This meeting was the problem. This meeting was
urged by the Student Council and many concerned electrical engineering faculty. After a long discussion, the board came up with a new proposal. On April 9th, the University of Missouri's governing board accepted the proposal and set aside funds for the restoration of the EF building. The proposal of the EE building. The proposal was accepted on the basis of an inspection by the Missouri Bureau of Safety which found the asbestos count in some areas to be above the safety limit.
The new building by the Computer Science building had a com-
pletion date of October this year. It will now be completed by late August in time for the Fall semes ter. Kevin Foster head of the building project sid "A of the building project, said, "A lot of the work can be done after the building is in use. The most time consuming work is all of the little things like last minute wiring, painting or putting in office space.
The new building will become the new FE building for the time it theses to rebuild the EF building takes to Eebuild the EE building However, the bottom floor of EE must be sealed off from the upper levels and stairways and kept open for class. The power labs and computer facilities on the lower floor can not be easily moved, so some
building.
Further meetings of the Board Further meetings of the Board of Curators are being planned to discuss the details of moving the EE department. Joseph Carmody, a member of the Board, siad that is is possible that the entire EE department will be moved permanently to the new building next to the Computer Science building. This would allow a thorough remodeling and repair of the EE building. After that, it would be building. After that, it would be opened up to other departments. Maybe this could be the end to having a math class in the Humanities building and English classes at the Civil Engineering building.


Could this be a future possession of the EE's? (Picture by Tom Roth.)


## And The Ship Sails On

"One of Federico Fellini's most visually splendiferous films. It contains some of the most wondrous sequences Mr. Fellini has ever done. If you enjoy the cinema of imagination...you cannot afford to pass up this rare, funny, surprising display. - Vincent Canby, THE NEW YORK TIMES
"AND THE SHIP SAILS ON is Federico Fellini's mellow, comic salute to art, and to artists such as himself...his most charming and beneficent movie since 'Amarcord.' It is good to have him back in form."

- David Ansen, NEWSWEEK
"Extraordinary, Fellini has never been more bewitching in his imagery. He has created a visual masterwork...impossible to forget." - Gene Shalit, NBC-TV, TODAY SHOW

Sponsored by the UMR Film Series
Thursday, 7:30 p.m. Miles Auditorium $\$ 3$ at the door

## $11=$ sports

Track Allgood's boys going 'all wrong'
by Dan Lichtenwalner Things are really going bad for the UMR men's track team; the team just seems to be falling apart.

To start things off, the Miners two 100 meter runners, George Louis-Ferdina nd and Lloyd Flow ers, finished last and second last, respectively. When coach Allgood went up to the runners to find out what went wrong, the runners admitted that they got lost halfway through the race and weren't sure which way to go! Things weren't much better in the 400 meter relay the Miners were in the lead but UMR's third runner handed off to SWMSU's last runner, who off to SW to win.

It was evident tw coach Allgood that this was going to be a long day.

In the mile run, UMR runiner Dan Lichtenwalner was disqualified because he was out of uniform: it was claimed by the officials that thermal underwear and ski masks give an unfair advantage. Mike Deamer from UMR was the one who filed the complaint; (that allowed him to move from fourth o third).


In a new event, the 35 pound weight throw, the weights were nowhere to be seen: So, runners were thrown instead. This added extra excitement to the aded which was won by "Bruiser" Bob Gorham.

In the 10 K run. Curt Elmore was defeated by a mere tenth of second. Strangely enough, after

## PANTERA'S

The Gang at Pantera's Pizza
Welcomes Back the Miners

# FREE DELIVERY! Delivery Hours <br> <br> CALL AHEAD <br> <br> CALL AHEAD 364-2050 

 364-2050}

Sunday-Thursday 11 am - 10 pm Friday-Saturday 11 am - Midnight

## Store Hours

Sunday-Thursday 11 am - 11 pm Friday - Saturday 11 am-1 am

504 Get a Quart (32 oz.) of your favorite soft drink With Any Large Eat-In Pizza and keep the cup! (with coupon only-Limit 5 please) $50 ¢$

50¢


[^0]:    Electrical Engineers: Work with a team of dedicated professionals developing advanced communication security and foreign signals intelligence collection and processing systems. From antenna and receiver under computer control through sophisticated software demodulation and worldwide intercomputer networks into advanced analytic databases. Specialize in depth, or span the complete range of exotic electronic information technology from propagation medium to target analyst. RF, microwave, millimeter wave, and optical system development; complete microelectronic design, fabrication, packaging, and test facilities. Opportunities ranging from fundamental research through advanced development, small to large system design and prototype development, developmental test and evaluation, field installation, and operational support. Unparalleled variety, challenge, and internal mobility for maximum professional development and satisfaction.

    Candidates with a 2.5 or above GPA are preferred.
    Computer Scientists: Our computer scientists work with electrical engineers and mathematicians across the frontier of finite state machine development and applications. Microprocessor applications, massively parallel architecture development, hyperfast numeric algorithm development, unique bit-slice based subsystem applications, knowledge-based systems, and every language from microprocessor machine code through Ada.
    Candidates with a 3.0 or above GPA are preferred.
    Mathematicians: Mathematicians at NSA use advanced concepts to solve cryptologic problems and to help develop and evaluate code and cipher systems. The unique nature of our cryptologic mission gives vitally important practical applications to mathematical concepts usually considered purely theoretical.
    Candidates with a 3.0 or above GPA are preferred.
    Salaries are competitive with private industry and start in the mid-20's for qualified candidates. Full federal fringe benefits apply. Entry positions are located in suburban Maryland, midway between Washington, D.C. and Baltimore, MD.
    For additional information, contact your Career Development Center, 201 Buehler Building.

