



30 Jan 1974

The Missouri Miner, January 30, 1974

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In St. Louis

University Phases Out Psychiatric Institute

University of Missouri President C. Brice Ratchford has restated the University's position relating to the Missouri Institute of Psychiatry (MIP) in a letter sent to members of the General Assembly.

Dr. Ratchford wrote that both the University and the Mental Health Division want to continue cooperative efforts in psychiatric research and training.

"But the University does not feel that it can responsibly continue the program at St. Louis State Hospital under current or proposed arrangements," Dr. Ratchford said.

He added that the University and the Division basically differ on the matter of individual responsibility and necessary accountability for the operation of MIP, which has been continued under an agreement between the University's Board of Curators and the State Department of Health and Welfare since January, 1965.

University President Ratchford and Dr. Harold Robb, director of the Division of Mental Health, announced plans on Jan. 11 to expand psychiatric research and training activities in Columbia and Kansas City and to phase out this type of work in St. Louis by June 30, 1975. A major reason for the

change was that "established medical schools and faculty expertise, not only in medicine but also in other medical and behavioral sciences" of the University exist at those locations.

In his letter to the Missouri legislature, Dr. Ratchford noted that legislative inquiry "spurred our efforts to develop a more precise relationship with the Division for our cooperative program at St. Louis Hospital."

Negotiations with the Division began in July 1973 for "a new contract, which did not change the program but did provide for full accountability. In August and September we (the University) made repeated efforts to

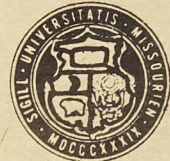
obtain a firm response from the Division to our proposals."

Additional efforts were made in November, Dr. Ratchford said, between University and Division officials. At one point, he added, the Mental Health Commission and the University reached agreement on a proposed contract, but it was not acceptable to Dr. Robb.

Since the University and Division were unable to reach a mutually satisfactory agreement, the alternative was to phase out activities currently underway at MIP in St. Louis and increase efforts in Columbia and Kansas City.



Missouri Miner



University of Missouri - Rolla

VOL. 60, NO. 15

JANUARY 30, 1974

ROLLA, MISSOURI

8 PAGES

For 18 Year-Olds

Full Adult Rights Bill Considered



Roger Van Deven, president of the University of Missouri-Rolla's St. Pat's Board, presents a St. Pat's jacket to E. K. "Toots" Schuman (foreground). Schuman, a UMR alumnus, was named St. Pat 55 years ago in 1919. A native of Rolla, he was a spectator at the first St. Pat's ceremonies in 1907 and has participated in some way in most of the St. Pat's ceremonies since then. He has acted as St. Pat's parade marshal for the past six years.

Reprinted from the Jan. 25th Edition of the Maneater.

Missouri's 18, 19 and 20 year-olds soon may be legally entitled to do more than just vote, depending upon how successful a handful of Missouri students is.

The handful are members of the Associated Students of Missouri (ASM), a student group designed to initiate and aid legislative issues favorable to Missouri college students. Though the project has received attention in the Missouri General Assembly for years, it has always faced substantial opposition. It has been frequently discussed in the past three sessions.

Last year, a bill granting full adult rights to 18 year-olds failed.

Randy Mullen, co-ordinator of ASM, attributed the bill's rejection to its sponsor's failure to attend the session of final debate and vote on the bill.

"He lost some necessary swing votes," Mullen said. Sen. A Cliff Jones (R), 7th Brentwood, sponsored the bill.

Mike Imgarten, coordinator of ASM's revised report on majority rights, differed. He said the bill's support was "hurt very badly" when a prominent Missouri newspaper "published a Michigan study on youths drinking which was in error."

A large part of ASM's efforts to get current majority rights bills passed is lobbying. But due to the group's reorganization nearly two years ago to avoid paying taxes, it is prohibited by the federal government from financial lobbying activities. ASM is currently working closely with a lobbying task force at Westminster College in Fulton.

The task force has a three-man staff and receives "information, statistics and our expertise," Mullen said. It is

headed by Westminster student Ray Porter, who Mullen termed "the person actually putting pressure on swing votes as to whether the bill will pass or not."

The specific bill ASM is backing are those introduced by Jones or Rep. Earl Schlef (D), 60th-Delwood. Jones's calls for adulthood at 18 "across the board" (full majority rights) while Schlef's would allow beer and wine for 19 year-olds with all other rights at 18.

Mullen said although chances for "across the board" are "questionable," Schlef's bill has "very good" chances of passing.

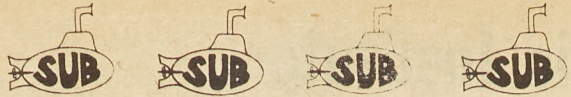
"We are quite aware of the Senate consensus on drinking at 18 and we would be willing, if necessary to make concessions," he said.

The provision on alcohol seems to be the fateful factor in the Michigan study, the subject of numerous states' reports received by ASM and as the provision which turned Sen. William J. Cason (D-31st district) against last year's bill.

John Ketchum, a Cason aide, explained the senator's two objections. He said Cason feels since 21 year-old males date and buy alcoholic drinks for 17 and 18 year-old females if the age was lowered, 18 and 19-year-old males might buy drinks for 15 and 16 year-old females.

But more importantly, Ketchum said Cason "would no longer be in the Senate" if he voted for the alcohol provision because his constituency wouldn't want it. "Cason wields a lot of strength in there," Imgarten said.

Imgarten, who helped revise last year's report to include the new information, said although this year's report will include discussion of "contractual rights" it deals primarily with the alcohol clause.



SUB Brings Mime

CALENDAR OF EVENTS

Feb. 3	Movie—Prime Cut	4 & 6:30	CH
Feb. 6	Play—Pastel Mime Co.	8:00	CH
Feb. 7	SUB Meeting	6:30	SAC
Feb. 7	Folk Dancing	St. Pat's Room	
Feb. 13	Tentative—Mini-concert	8:00	CH

In The Movies

This week's SUB movie is Prime Cut.

The basic plot is Lee Marvin, as a big time syndicate enforcer, is pitted against Gene Hackman, who runs a "branch office," and who also decides to do away with the syndicate profit sharing.

Hackman uses a cattle slaughterhouse as a front for a prostitution racket that attributes its assets to young female orphans.

Under the careful direction of Michael Richie, you'll be moving so fast you won't be able to tell the real hot dogs from the racketeers.

"Prime Cut's acting is top-notch with those old pros Hackman and Marvin," Ann Guarnio, New York News.

"Prime Cut is a violent electrifying movie! Marvin and Hackman play the hell out of their part. If you love to shudder and squirm, go see Prime Cut—Norma McLain, Stoop After Dark.

(Because of the subject matter, this film is suggested for mature audiences only.) Movie Times are 4:00 and 6:30 p.m. in Centennial Hall.

The Student Union Board will present for the first time in Rolla, a mime company. What is mime? The word mime comes from the word mimic. The actors do not speak, but use body motion and actions to mimic the people, animals, or things they portray. A good mime must have the skill and grace of a choreographer, and the imagination of an artist.

Mime is one of the oldest forms of art, and the forerunner of modern acting. Its history dates back to Aristotle, about the year 500 B. C. The mimes of that day wore

masks with megaphones in them, so that the audiences could hear them better.

Mimes have been famous through the centuries. One such mime was named Philemon. Philemon was asked by a deacon to act out the sacrificial offering to a pagan god. Philemon went through the ceremony, but when time came for the offering to be made, Philemon stopped. He turned to the audience and said, "I am a Christian I will make no offering." He was then ordered to death for his actions. Philemon

was so loved by the people, that they rose up in rebellion to save him. They were however, put down, and Philemon went to his death.

Mimes have so been loved through the centuries for the laughter they bring to their audiences. It should be very refreshing to put away the books and take a "laughter break" February the sixth, when the Student Union Board presents to Rolla its first mime company. Watch next weeks paper for more information about this upcoming event.

Campus Bulletin Board

NOTICE
FREE Coed Gift Packs can be picked up at the candy counter in the University Center, courtesy of the UMR Student Council.

THANKS
The Missouri Miner, on behalf of the University Police, would like to thank the Building and Grounds men for keeping the sidewalks so clean during the recent snowstorms. The police report that no officers were lost. B & G keep up the good work.

.. Schedule of events at the University of Missouri-Rolla open to the public Jan. 30 to Feb. 9.

Feb. 1 — International Fashion and Talent Show, 7 p.m. Centennial Hall of University Center. Free.

Feb. 2 — Basketball, Miners vs. Southeast Missouri State, 7:30 p.m. Multi-Purpose Building. Admission charged.

Feb. 8 — annual military dinner, Rep. Richard Ichord, speaker, 7 p.m. social hour, 8 p.m. dinner, Manor Inn. Reservations by Jan. 31. Call 341-4741.

Feb. 9 — Basketball, Miners vs. Northeast Missouri State, 7:30 p.m. Multi-Purpose Building. Admission charged.

NOTICE
Chess jock? Try your concentration in the UMR Chess Tournament. It will be held February 2 and will be 4 rounds in the Swiss System (everyone plays every round). You could win cash prizes—first \$9, second: \$6, third: \$5, plus \$20 in class prizes. Tournament Director: Roy Wingfield, Box 430 MRHA, Rolla, Mo., 341-4969. Entry fees: \$1.50 in advance, \$2.00 at the door. Tournament registration closes at 9 a.m. February 2. Bring chess sets if possible.

NOTICE
The St. Pat's Benefit Movie for this semester is Straw Dogs. It will be shown at the Ritz Theater on Wednesday, Feb. 13 at 6:30 and 9:15. You can obtain tickets from your St. Pat's Board Rep.

The Missouri Miner

The MISSOURI MINER is the official publication of the students of the University of Rolla. It is published at Rolla, Missouri, every week during the school year. Entered as second class matter February 8, 1945, at the Post Office at Rolla, Mo., under the Act of March 3, 1879. The subscriptions are \$1.50 per semester. This MISSOURI MINER features activities of the students and faculty of UMR.

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The St. Louis Jazz Quartet received a good response from UMR students last Tuesday. They played a variation of Jazz, Progressive Jazz, Blues and other soft sounds. Some special numbers were done with their female vocalist adding her own special touch to create a really different sound.

IK and Auxiliary Enterprises at Odds

Auxiliary Enterprises has done it again. This time, however, they have done a disservice to the community as well as the students. The Intercollegiate Knights Service Fraternity has sold the refreshments at the football games for a number of years. I. K. uses this money it makes for service projects. These service projects include painting the Skills Builder School, work for the Rolla Diagnostic Center, taking boys from Boys Town to basketball games, and many other things.

In the past the Intercollegiate Knights have bought prepared, and sold the refreshments themselves. Last summer Auxiliary Enterprises took over and said I. K. could sell

refreshments for 10 per cent of the gross. At that time Mr. Musik said I. K. could expect to make approximately seven hundred dollars. Mr. Musik is either very poor at financial projections or has cheated the Intercollegiate Knights. For working at five Miner home games plus the state Class AAA football championship I. K. received only \$272. During the Fall of 1972 in which the refreshments were sold only at three games (one was called because of rain, and the other was played during Thanksgiving break) I. K. made \$350.

Intercollegiate Knights should be allowed to be solely responsible for the refreshments at football games in the future.

Role and Scope

The University Academic Plan, Role and Scope, is slated to reach the Board of Curators at its May meeting. The plan is entering its final phase after two years of talks, conferences and revisions.

The Conference on the University Academic Plan met in Columbia Sunday, Monday and Tuesday to draw up the final schedule for the last lap of the academic plan.

The plan will go to several faculty and administrative groups before reaching the Board. The present plan was written in four parts by the campuses' academic planning

committees. Paul Nagel, University vice president for academic affairs, announced the plan's schedule at a Tuesday press conference.

"We would like to present a document (to the Curators) which is real and believable," Nagel said. "The plan must be geared around physical support." Nagel said budgetary problems would probably force some degree program cut-backs.

UMC Chancellor Herbert Scholing was not upset over probably changes in the original plan as submitted by the UMC committee.

C. L. Dake Plans Field Trips

C. L. Dake Geological Society met last week to elect its officers for the coming year. Also discussed were plans for the spring mineral auction and places to go for field trips.

The election results were as follows: President, Barry Mercer; Secretary-treasurer, Brenda Talty; Sophomore Representative, Mark Marikos, Junior Rep., Jan Rohr; Senior Rep., Greg Wessel; Grad. Rep., Terry Collins. Chairmen were chosen for the various committees.

Two locations were discussed for field trips, Picher, Oklahoma and Rush, Arkansas. The auction was to be discussed at a later time. Coffee and

donuts were served after the meeting and then everybody sat around and listened to Barry Mercer give an interesting and informative talk on the Stratigraphy and Paleontology of the Bear Paw Shale. Included in his talk were a number of slides taken of the area around Fort Peck Reservoir in Central Montana where the Bear Paw Shale outcrops. Some interesting slides of ammonites and mineral specimens were also shown.

The next meeting to be held by C. L. Dake will be February 6.

Remember the date, February 6, at 6:30 p.m. in Room 305 in Norwood Hall, see you there.

International Talent and Fashion Show

Students of the University of Missouri-Rolla conversational English class (mostly wives of foreign students) will present an International Fashion and Talent Show at 7 p.m., Friday, Feb. 1, in the Centennial Hall of the University Center.

Participants are from Venezuela, India, Mexico, Thailand, Columbia, Ethiopia, Puerto Rico, Taiwan and Japan.

The event will feature folk costumes, folk dancing, singing and instrumental music. There

will also be displays of interesting objects from the various countries.

Special attraction is the performance of a Russian folk dancing group from St. Louis. They will appear in colorful costume.

The program is directed by Dr. David A. Law, associate professor of Russian, who is the instructor of the conversational English class.

Faculty, students and the general public are invited to attend. Admission is free.

Miner News

University of Missouri - Rolla

Proclamation

WHEREAS: Let it be known from this time forth until the 16th day of March, that all people in the City of Rolla, Missouri, start preparing for the honor of the arrival of the Patron Saint of Engineers—Saint Patrick.

WHEREAS: Let it also be known that all the citizens of Rolla are invited to celebrate and participate in all the festivities with the St. Pat's Board and UMR as St. Patrick announces the schedule of events.

WHEREAS: The citizens of Rolla are urged to participate in the Coronation Ball and knighting ceremonies March 15, the St. Pat's Parade, the Jaycee barbeque, and the town beard judging contest.

NOW, THEREFORE, I, Herald G. Barnes Jr., Mayor of the City of Rolla, Missouri do hereby proclaim the honoring of St. Patrick Patron Saint of Engineers and urge all the citizens of Rolla to participate in the forthcoming festivities.

IN WITNESS WHEREOF I have hereunto set my hand and caused the Seal of the City of Rolla, Missouri to be affixed this 22nd day of January 1974.
Herald G. Barnes Jr.

Herald G. Barnes Jr.
Mayor of Rolla



Present for the signing are, from left, Roger Van Deven, president of the St. Pat's Board, Jim Brendel, secretary, and Dave Rinas, treasurer.

Features

Miners Victimized By Rising School Costs

The cost of a college education is unquestionably high and seemingly rising all of the time. Of particular interest to UMR students in the upcoming semesters is the \$200.00 increase in the dormitory board bill. A sudden surge of this proportion is bound to bring about speculation, and in this case, discussion has turned toward the new University Center. Students under the dorm contract could not help but wonder if their fees were being used to finance a facility used by all UMR students. The man to see for questions about university budgets is Mr. Jess Zink of Auxiliary Enterprises. The following was written from his explanation of rising costs and a clarification of the relationship between the dorms and the University Center.

The obvious reason for the \$200.00 per year jump in dorm costs is the spiraling food and utility prices. Last summer was a particularly trying time for food prices, and the old board bill simply did not bear up to costs.

Added to rising prices is a two thousand man drop in expected enrollment at the university this year. The drop in enrollment is felt very acutely in a building which draws its funds from the same source as the dormitories; namely, the University Center. Although housing and the Center are handled by Auxiliary Enterprises, separate budgets are made up for each, and a "concentrated effort" is made for each institution to support itself. Included are the men's residence halls, the women's residence hall, the married student housing, the athletic program, and the University Center.

Funding for Auxiliary Enterprises comes from the "University Housing Center Bounding Program." As explained by Mr. Zink, the four priorities of the bonding program are, in order of importance:

- 1) To pay off all operating expenditures
- 2) To pay back bonded indebtedness, including the principle and interest (the University Center must pay back \$163,000 per year)

3) If any money is left, it goes into a reserve repair and replacement fund

4) Any further money goes back to pay off more bonded indebtedness

Since the dorms are nearly full, their only financial trouble has been rising prices. However, the University Center must rely on a fifteen dollar fee from each student, and since there is currently a two thousand man drop in expected enrollment, that comes to \$30,000 that Auxiliary Enterprises will never see.

So the question on everyone's mind is how to meet the expenditures. The dormitories have solved their problem, but the University Center must either increase the fee per student now charged, or increase the income potential of the services inside the Center. No plan to increase the fee paid directly by the student has been outlined yet, consequently, new services have been added inside the Center. Included are post card sales, pool cue sales and storage, and upcoming events. However, it was pointed out by Mr. Zink that if the University Center fails to meet its obligations, money will have to come from other sources, i. e. the dorms.

What does the future hold for Auxiliary Enterprises? Well, for now it looks pretty bleak. The University Center will go into the red by five figures this year. Next year it will jump to six figures in deficit, and unless enrollment increases, things can only get worse. The people at Auxiliary Enterprises are nonetheless optimistic, but someone is going to feel the crunch, and the finger seems to be pointing at the student body.

Letters To The Editor

Dear sirs;

In the past week I have tried several times to obtain an application for the EIT examination. Each time I have been to room 207 CE, there has been no one there.

I don't mind walking off the beaten track to go the CE building, but at least I shouldn't have to do it for nothing. If whoever is in charge of the applications can't be in the office, then perhaps there should be another procedure for obtaining an EIT application. Wouldn't it be more convenient to have the applications available in the registrar's office, or even the Student Center candy counter?

Maybe I'm the only one having this trouble, but I still think that better service would result if the EIT applications were available somewhere where a student could count on getting one.

Sincerely,
David Polakowski
27314

Dear Editor,

Had Mr. Rackers (Editorial Opinion, Dec. 5, 1973) taken the time to come to the Computer Science Department with his concerns he would have learned that we are also concerned about Computer Science 73 and that we are continually trying to improve the course. Mr. Rackers took the course during the Spring of 1973. During the Summer and this past fall semester the video tapes were

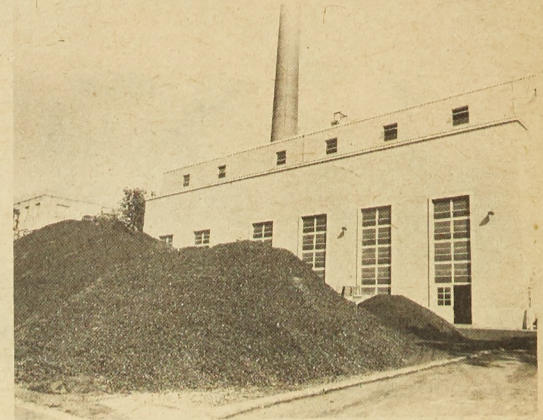
Continued On Page 6

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ROLLA, MISSOURI MANAGER

UMR and the Energy Crisis



UMR energy saving practice—building mountains with coal

An issue that has been in news a great deal recently is the Energy Crisis and what is being done about it. Here at UMR something is being done about it. What with rising fuel costs and budget cuts, the University will have to decrease consumption just to stay alive.

Some of the obvious effects have been the removal of lights from fixtures and the placing of small red decals on light switches. These decals ask you to turn the light off as you leave the room.

Some of the not so obvious steps have been the reduction of steam pressure to some of the seam heated buildings, addition of thermostatic radiators valves where none had been before, and the closing of some of the temporary buildings such as T-16, better known as the Rat house (The rats are still there but much colder now). A step never taken before was the shutting off of steam to the dormitories over Christmas.

Some of the problems begin with the older "wild load"

building, buildings that have no means of monitoring steam consumption. On these buildings the main steam valves will be provided with timed shut-off devices. Also the temperature have been reduced 5¼ degrees, which represents a 15 per cent savings of heat.

Since the school spends over \$600,000 a year on heating costs, any savings helps that money go just a little further.

Some of the reason for the rising cost of heating has been the increase in fuel costs. For example the school uses 14-15,000 tons of coal per year. Coal however, has jumped in price from \$7.86 per ton to \$20.41 per ton since July 1968. Much of what the school has already done was brought forth in an eleven point plan published in the Miner a few months back.

So remember, next time you see one of those decals, turn the light off on the way out. A concentrated effort on the part of every individual can save money, fuel and the environment.

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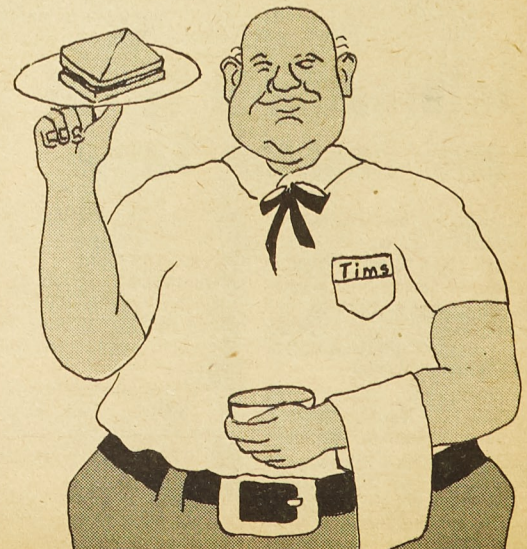
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By the spring of 1974, the Arab nations faced a crisis of undreamed of proportions. By quadrupling the price of oil, they were raking in an extra \$50 billion a year.

While this was destroying the international monetary structure and bankrupting the Western nations, the dilemma confronting the Arabs appeared insoluble: They didn't know what on earth to do with the money.

This led to the historic meeting of the all-powerful Sheiks of Araby at the Irrawaddy Wadi in May. Each appeared burdened with camel-loads of \$1000 bills.

"I have already purchased, effendis," said the Sultan of Swatt gloomily, "16 Cadillacs, 145 camel saddle hassocks and 32 Pierre Cardin herringbone burnouses. Furthermore, I am up to here in myrrh. Now what?"

"We must invest our profits, by the Bear of the Prophet, profitably," said the Oman of Iman. "Now I've got a hot tip on a flier on the New York Curb..."

"Are you out of your, may Allah be with you, skull?" cried the clever Sheik Emup Quik. "Would you put your money in the American economy which is, thanks to us, going bankrupt? No, we must consider the needs of the poor, starving Americans and deal with them as they would with us."

"You mean feed them?" asked the Sultan incredulously.

"No," said the Sheik, rubbing his hands, "exploit them."

So it was that the Arabs formed a consortium known as "Arabco," which began buying up land in depression-ridden America dirt cheap.

Wells were sunk, unemployed native American workers were

hired for a pittance (with a pittance-and-a-half for overtime) and Arabco announced it was "happy to help underdeveloped America tap its untapped resources" for which it would generously pay a royalty of ten cents a barrel—each barrel then being sold to Japan for \$14.62.

Arabco executives lived in luxurious Arab compounds, tended by large staffs of native American servants, while their wives, shopped happily in native bazaars and flea markets for such native handicrafts as antique gas pumps, erased tape recordings and native television set heirlooms which made lovely coffee tables.

Needless to say, the Arabs grew richer and the Americans grew poorer. The richer the Arabs grew, the more dependent they became on their highly profitable American oil exploitation. And the angrier Americans got.

Student firebrands demonstrated around the Arab compounds. Congressmen made fiery patriotic speeches. And at last the President grimly took the ultimate step: He expropriated all Arab oil holdings.

The Arabs, who had been developing cheaper American oil rather than their own, now faced an energy crisis. The Sultan of Swatt traded his 16 Cadillacs for a used Toyota. Thermostats in all air-conditioned tents were raised to 78 degrees and the economies went bankrupt.

"Whatever happened to international trust and cooperation?" groaned the Sultan.

"What can you expect," said Sheik Emup Quik, "from a bunch of shifty, backward unbelievers?"

This article is a daring adventure! If you're skeptical, then please read on. While struggling with what I personally wanted of life, and doing a lot of writing, I stumbled upon the closet versifier. Yes, they're out there among you. You probably even know one. You closet versifiers know who you are.

Aren't you tired of having to grumble, along with everyone else, about "dat rotten po'try"? Don't you really enjoy those few hours of literature that you are obliged to take? Somewhere, amongst Leithold, Sears and Zemansky, and the "Family Jewels" lies a dusty, old notebook, with barely legible scribbings, jotted down as a freshman (under great emotional turmoil). You know, or think you know, that none of it is any good, and to top it off, your roommate (whom you trusted) laughed at you.

Now is the time to strike back; to come out of your closet! if you're interested in demonstrating that Joe Miner is made of more than beards and brew, then stand up and be heard. Deliver your poetry to my doorstep, and if it shows merit, we'll print it. The article can be an outlet for your literary endeavors, or it can die a sudden death with this issue.

Send your poetry to: J. Greusel, Room 34, Rollamo Inn, 1204 Pine, 364-9979.

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Letters To The Editor

Continued From Page 4

completely remade. The accompanying workbook was redone and we will continue to try to improve their quality.

We believe that our present method of small sections (20 - 30 students) utilizing a 20-minute video lecture with workbook followed by discussion and questions conducted by a graduate teaching assistant is better for all concerned than assigning large sections (100 - 150 students) to regular faculty.

Two further improvements will be made as soon as we have the necessary funds. One is that the new tapes are in color while our present receivers are black and white. These will be replaced by color receivers. The other improvement will give the Graduate Teaching Assistant the capability of stopping, backing up and restarting the tape at any point.

Farther down the road (meaning when we have the money) we want to make it possible for the students to be able to get a replay of any tape as part of the help sessions.

Many students do have difficulty learning to write programs for a computer. (But many students have difficulties with other subjects also.) Learning to program is much like learning a foreign language. The student must learn a new vocabulary and the syntax of the new language (in this case, FORTRAN IV) before he - she can write programs. The problem is further complicated by the fact that programming is not just the expression of ideas in a language but is the construction of algorithms for problem solutions which then must be expressed in the programming language. Just as Euclid said "There is no royal road to Geometry", there is also no "royal road" or short cut to learning to program. The only way to learn programming is to write programs.

Approximately fifty hours of help sessions per week are scheduled in order that students may seek assistance. Our records show that for the fall semester only about three students per hour utilized this assistance whereas at least twice that many could be helped without much queueing.

Another factor which is involved in C. Sc. 73 (as well as for most of our other) over which we have little control is the computer facilities. There have been, and will continue to be, times when the equipment is down for repair or maintenance. There have been, and will continue to be, times when the computer system is overloaded. The latter usually happens toward the end of the semester. Even though we tell the students that they should not expect more than one turn around per day, many will make frequent trips to the Computer Center "hoping" that their program has run. When turn around time is short, usually early in the semester, students are tempted to make a single or hurried correction and submit their programs to the Computer Center for another run. This increases their number of trips to the Computer Center hence increases the amount of time and energy consumed.

I am familiar with the computing facilities provided to students on many campuses and I rate UMR's as being excellent. From time to time we see possible improvements in the Center's operations. These suggestions are transmitted to the Center administration directly or via our departmental representative to the Campus Computer Committee.

We know we are not perfect (yet) in our handling of C. Sc. 73 (or any other course for that matter) and we will continue to try to improve. We are very interested in having suggestions from students. In closing I have some suggestions for current and future C sCs. 73 students:

- 1) Attend class regularly.
- 2) Study assignments before class.
- 3) Start on your programs immediately after they are assigned.

4) Check your program carefully before you submit it to the Computer Center for running.

5) Allow ample time for your program to be finished before you return to the Computer Center to see if it is ready.

6) Go to the help sessions for assistance when you need it. (They will not write your program for you.)

7) Don't put off running your programs until close to due date - many things can happen and usually will happen to cause delays and lost time.

8) If you have suggestions for improvement of the course see the Professor in charge of the course or the Department Chairman.

Sincerely,
John W. Hamblen
Chairman

Enrollment Declines Recruitment Vital

In the fall of 1970, a total of 6,400 graduate and undergraduate students were enrolled at the University of Missouri - Rolla. In the three short years that followed, the enrollment has dropped to 3,450; a decrease of nearly 50 per cent. Part of this decrease can of course be attributed to an increasing lack of interest in the fields of science and engineering, and also to the seemingly apparent fact that the high school seniors of today, including those interested in engineering, are attracted by the larger schools, such as those at Cape Girardeau and Columbia. Let's face it, Rolla is known for two things; lots of beer, and few women. But it is also known for being one of the top science and engineering schools in the country.

But, with nearly 1000 students graduating this spring, and the present trend in freshmen enrollment, the number of students next fall may drop another 200. It is no secret that University of Missouri administrators are thinking of consolidating the engineering programs at Columbia and Rolla. And with Rolla's continuing decrease in enrollment, it is no wonder either.

The solution to this problem lies here on the Rolla campus. In the past years, little effort has been made on the parts of both the students and the administration to attract prospective engineers to this campus. Very few "Rolla

Nights" have been held in the St. Louis area, and those have been sparsely attended. Programs to attract students in the Kansas City and Jefferson City areas are unheard of. The biggest plug going for the University is its reputation, most often transferred by word of mouth. But with a decreasing enrollment, we may not be able to lean on our reputation much longer.

What we need, is a strong publicity program. We have to show the high school senior, with facts and figures, that we are, indeed one of the top schools in the country. We have to show prospective engineers that we have more to offer than just a degree and a few beers at the bar. And this is pretty much up to the students. It is a tough job for a 40 year old faculty member to tell a 17 year old high school senior what life is like in Rolla. And at the same time, it is difficult for a 20 year old student to explain to parents how the administration and faculty of the University is going to help their son to get through school.

If enrollment continues on the downgrade, the University here in Rolla could be in for some serious problems; problems which could very well affect the people in school now. We need more students, and the task of attracting those prospective engineers lies with the students here now as well as the administration.

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Miner Sports

Stalling Takes Over MIAA Scoring Lead

Miner Rally Fails

The Miners played another cliff-hanger last Saturday night in coming from thirteen points behind to make a run at Southeast Missouri State in the closing minutes. The Indians had the luck, however, and never allowed UMR to take the lead. With myriads of three second violations as well as other turnovers, the Miners accomplished quite a feat in making the score as close as it was.

The rally hopes of UMR were decidedly squelched when Ken

Stalling fouled out of the game with 52 seconds left. The man he fouled then converted two free throws to put Southeast ahead by three. With thirty seconds left, Ross Klie missed a shot and Bobby Kissack was called for a foul on the rebound. That did it for the Miners.

One thing has to be said for this team. They're fun to watch: never a dull moment. With approximately eight minutes left in the game and behind by four, UMR stole two consecutive in-

made them good, tying the score. This was after trailing by as many as thirteen points earlier in the period.

Once again Ken Stalling was the leading scorer in the game with 32 points. He's currently the MIAA leader in that department. Tommy Noel and Ross Klie each had 16 rebounds, and 17 and 12 points respectively. Royce Vessell got back in double figures with ten.

The Miners never led and had only tied it in the last eight minutes. Turnovers in both halves were the major factor, UMR totaling 26. Their shooting and general play was good-Southeast just got a lot more shots.

We get another crack at them next Saturday night. The Miners pulled a come from behind victory over Southeast in the MIAA tourney and nearly did it again this time. This next game will be the rubber game between the two schools. UMR is now 2-3 in MIAA action and 6-9 overall.

Undefeated Teams Pace Volleyball

Volleyball last week saw quite a few excellent match-ups.

Sima Tau Gamma and Pi Kappa Alpha had a see-saw contest which had Pi Kappa Alpha finally taking the set 21-23, 23-21, 21-14. At one point in the second game Pikers were down 6-19. Tech Club and Delta Sigma Phi battled to three games with Tech Club coming out on top with scores of 16-21, 21-17, 12-11. In League Five action, BSU was defeated by FCUS 21-12, 12-21, 21-14. MRHA and Engine Club also went to three games as MRHA was victorious 21-6, 19-21, 21-6. Other action and scores from last week: Theta XI over International Students 21-16, 21-18; Alpha Epsilon Pi defeated the Mates 21-17, 21-17; Beta Sigma Psi beat Sigma Nu 21-17, 21-14; Wesley triumphed over Pi Kappa Phi 21-13, 21-11; Sigma Nu dropped number two to Phi Kappa Theta 21-6, 21-15; Sigma Phi Epsilon over Delta Tau Delta 21-7, 21-5; Lambda Chi Alpha beat Acacia 21-7, 21-11; Campus Club lost to TKE in league one 21-1, 21-7; Kappa

Sigma defeated Campus Club, their second defeat of the week, and Sigma Pi won 21-6, 21-10 over Alpha Phi Alpha.

In womens competition last week GDI lot to Wesley in a close battle 15-11, 12-15, 12-15; WRHA beat BSU 15-2, 15-9; and Kappa Delta eased by Zeta Tau Alpha 15-8, 5-15, 15-4.

Undefeated teams going into the third week by leagues are 1) Kappa Sigma, Tau Kappa Epsilon, Pi Kappa Alpha 2) Beta Sigma Psi, Phi Kappa Theta, Sigma Phi Epsilon 3) Lambda Chi Alpha, MRHA, Kappa Alpha 4) Theta Xi, Sigma Pi, Tech Club 5) Wesley, Alpha Epsilon Pi; Women - WRHA and Kappa Delta. This week has five games involving undefeated teams. Kappa Sig - Pikers, Phi Kappa Theta - Sig Ep, MRHA-KA, Sig Pi - Tech Club, and Wesley and AEPi.

Handball action also began last week in both singles and doubles. Most all first round games are over and this week action will center on the winners side of the double-elimination tournys.

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Miners Split Meets At Central and Drury

The Miner swimming team had a rewarding weekend of competition on Friday night in Warrensburg, as they were hosted by the Central Missouri State University Mules. Bill Greiser, swimming his best meet of the year and winning twice, led the way to a 68-45 Miner victory.

Greiser won the 200 individual medley with a time of 2:18.8 and the 200 yard breaststroke in 2:32.5. Bill had plenty of help however, as the Miners won nine of the thirteen events.

The 400 medley relay team of Tim Blood, Bill Orr, Mike Norberg and Bill Kroeger captured the opening event for the Miners. Kenton Wright and Reed Curtis followed with a one-three finish in the 1000 free. Kent's winning time was 12:00.2. Jim Entwistle took second in the 200 free, setting the stage for Kroeger and Curtis to go one-three in the 50 free. Kroeger's winning time was a strong 24.0.

Steve Peppers finished second in the one-meter diving, and managed to overcome a CMS jinx. No one had ever beaten the Mule's Mike McCool at the CMS pool. Peppers finished second, while McCool could only manage third. Mark Mateer and Jim West proved the Miner's dominance in the butterfly as they finished one-two. Mateer's winning time was 2:14.2. Orr won the 100 free with a time of 51.0. Norberg and Rusty Curtis followed this with a one-two finish in the 200 back.

West took second in the 500 free, Phil Henry finished third behind Greiser in the 200 breast, and Peppers took third in the optional diving. (McCool took first). The Miners finished off the meet on the same note they started it by winning the 400 free relay. The team of Entwistle, Norberg, Curtis and

Kroeger took the top spot with a time of 3:34.6.

As far as records are concerned there wasn't a whole lot to speak of. Mike Norberg's time in the 200 back was a varsity record.

The record situation was completely reversed in Saturday's meet against Drury. There were six pool records set, and each team set two varsity records. This showed the all-out effort given by the swimmers of each team. The Miners really swam well; Coach Pease even commented that it was the best meet of the year for the

team. The team got off to a fine start by winning the 400 medley relay. The team of Kroeger, Blood, Norberg and Entwistle had a time of 3:51.7. Bill Orr then followed with a victory in the 1000 free. His time of 10:32.4 was both a pool and a varsity record. Wright took third in the 200 free, Entwistle and Steinerd went two-three in the 50 free, and Norberg took second in the 200 I. M. Peppers and Steve Suellentrop did very well in the diving events, going three-four and two-three.

Mike Norberg took first in the 200 fly, and his time of 2:04.3 was both a pool and a varsity record. Mateer finished third behind Norberg. Blood took first in the 200 fly, and his time of 2:04.3 was both a pool and a varsity record. Mateer finished third behind Norberg. Blood took first in the 100 free and Kroeger and Curtis went two-three in the 200 back. This set the stage for Bill Orr's pool record in the 500 free, 5:05.0. Greiser finished the Miner scoring with a second place finish in the 200 breast.

Besides the records that were set, an even better measure of the effort put out by the swimmers is the number of personal bests that they have. This is the best time they have had in the event this year.

Norberg in the 200 I.M. Kroeger and Curtis in the 200 back, and Orr in the 500 free all had their personal bests. In addition, Tim Blood had his third best career mark in the 100 free, and the victory by the 400 medley relay team was the first time that UMR had ever beaten Drury in this event. All in all, this was the best meet of the year for the Miners.

The Miners go to Hanover, Indiana on Friday for a meet against Hanover College. They then travel to Danville, Kentucky on Saturday for an encounter with Centre College. UMR returns home next Wednesday for a meet against Washington University. The meet will begin at 7:30 P. M. in the multi-purpose building.

Grapplers Win In UMR Tournament

The Miners wrestlers ran into some old friends Saturday as they rebounded from an unimpressive 12-36 loss at Lincoln to capture top honors in the UMR Tournament. They outpointed visitors Washington University, William Jewell, and Crowder College to take the top spot. The tournament victory extended UMR's non-conference record to 5-0, with four victories this season over Wash. U. and Mr. Valley.

The tournament victory saw eight Miners reach the finals, with five victorious. Steve Ganz extended his record to 11-0-1 with two pins, the first at 1:45 of the first period. Danny Roper pinned his opponent, and

Kenton Hupp was forfeited to in the final. Mike Blackmore beat his opponent to the tune of two near falls, but forced to settle for a 22-7 win. Freshman Tom Kohler scored an 8-5 win to round out the Miner championships.

Against Lincoln Wednesday night, Steve Ganz delivered his usual consistent performance, winning 7-1. Mike Blackmore also won, 7-4.

The Miners defended their out of conference winning streak Tuesday against Missouri Valley and will seek their first conference win at SMS this weekend in the SMS tournament. The next home meet is Saturday, February 16, against William Jewell and UMSL.

Intramural Top Ten

Kappa Sigma	1139.25	Sigma Phi Epsilon	936
Sigma Tau Gamma	1073	Kappa Alpha	907
Tau Kappa Epsilon	1047	Lambda Chi Alpha	906
Beta Sigma Psi	1032	Sigma Nu	905
Pi Kappa Alpha	1020	Phi Kappa Theta	836

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