



17 Feb 1983

The Missouri Miner, February 17, 1983

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MISSOURY MINER

For the students of UMR

Volume 71, Number 19

Thursday, Feb. 17, 1983

Sixteen Pages

Budget situation demands,

Reorganization of administrative services

SOURCE: OPI

UMR Chancellor Joseph M. Marchello has announced that in view of the difficult budget situation and the need to pursue opportunities for faculty research and technological and economic development, he will reorganize the administrative services department upon the retirement of Joseph D. Wollard as executive director this summer.

"At least half of the vacated position's salary funds will go toward reestablishing the directorship of the Graduate Center for Materials Research, and the

remainder of the funds will be used for the reorganizational changes that will consist of transferring to other administrative services staff members the duties of the executive directorship," Marchello said.

The funds for the graduate center directorship have been used to meet other needs since Dr. Leonard Levenson left the position two years ago. In that time, Dr. William James has served as acting director.

"Resorting to austere administrative services in the interest of building on quality research strength to pursue promising op-

portunities appears to be the appropriate course in these times of limited resources," Marchello said.

He added that this reorganization in administrative services will parallel adjustments made in academic services during the past few years. For example, the graduate and extension office dean positions have been changed to three-quarter time administration and one-quarter time teaching as has the provost position.

"While I prefer not to operate under such austere staffing conditions, I believe it to be appropriate under the circumstances," Mar-

chello said.

He went on to say that this reorganization will be in keeping with Missouri Gov. Christopher Bond's Jan. 11 statement to the General Assembly in which he observed, "Jobs in the future hinge critically on our ability to compete in the national and international economy. To build that competitive strength will require a successful transition to the high-technology economy. Universities and colleges have been prime movers in each state which has made the transition to a high-technology economic base. Universities, colleges and closely affiliated private

ventures convert theory into applied research, research into products, and products into jobs and payrolls. Our first investment in our state's economic development must be in our campuses."

To improve the economic development role of the colleges and universities, the governor also recommended increased budget support to improve faculty recruitment and retention and to purchase needed equipment in business, computer science and engineering and the addition of distinguished professors to strengthen research efforts that com-

plement economic development activities.

Marchello said that at UMR, strong programs (chemistry, solid-state physics and chemical, electrical, ceramic and metallurgical engineering) coordinated through the center offer an exceptional opportunity to implement the governor's recommendations:

"The center, with its focus on natural resources, industrial processes, engineering and materials technology, can provide the sustained program needed to pursue strong university research programs in materials science," he said.

Executive director of administrative services retires,

Joseph Wollard will be missed

By SUZY BRUNER

Joseph D. Wollard, executive director of administrative services for UMR, has announced his plans to retire this summer. He has been working for the past 17 years in his current position, under the title of business officer from 1966 to 1979, and under the current title from 1979 to the present.

The activities Mr. Wollard oversees include administrative planning, all Auxiliary Services, University Police activities, and business services, which covers a wide scope of university-related tasks such as finance, budget, purchasing and personnel. He is also a director of the Rolla Area Chamber of Commerce, acting as UMR's liaison with the chamber.

Prior to joining the UMR staff in 1966, Wollard worked as deputy post engineer at

Fort Leonard Wood from 1962-66, was a consulting engineer with Russell and Axon, of St. Louis, from 1956-62, and was with the Kansas City District of the Corps of Engineers from 1949-56.

Mr. Wollard received his B.S. degree in mechanical engineering from Oklahoma State University in 1949, and served four years' active duty with the Army Corps of Engineers followed by 24 years in the Army reserves. He retired from the reserves in 1970 as a lieutenant colonel.

Wollard is a member of several professional organizations such as the National Association of College and University Business Officers, the National Society of College and University Planning, the Reserve Officers Association and Rotary International. He is also a registered professional

engineer in Missouri.

"I've enjoyed a long and diverse professional career, the majority of which has been at UMR," Wollard said. "I've been very fortunate to have been able to be a part of a great educational institution such as UMR."

"I'd also like to express my thanks for the cooperation and support of the many persons in the university family that I've had the privilege to work with over the years," he added. "I will take with me many fond memories of the campus and remember a number of major events that I was fortunate to have been a part of. My wish for UMR is for continued success and even greater accomplishments in the future."

As he said, Mr. Wollard has seen the university go through major changes. In 1965, the year before he became business officer

here, MSM was changed to UMR and the transition was long and hard. Several administrative changes were instituted, with new departments installed under Wollard's leadership.

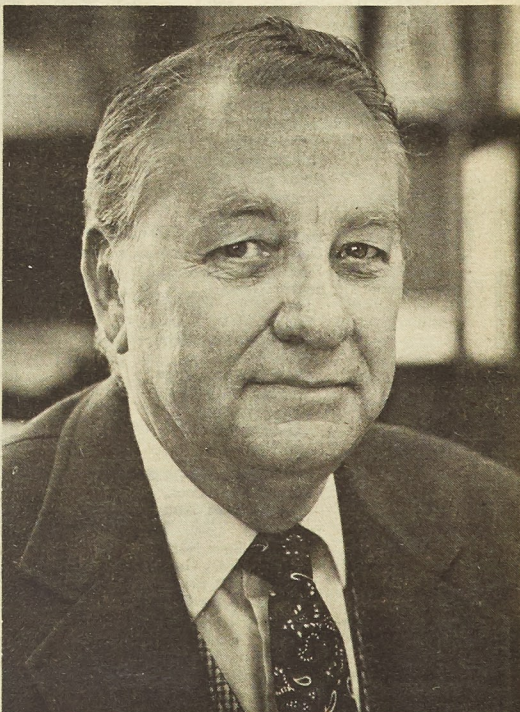
During his years with UMR, Wollard has seen an ever-growing library, expanded student services, and between the mid-60s and the mid-70s, the UMR campus doubled in floor space. He helped plan these campus additions, which included the library, multi-purpose building, Engineering Research Building, Computer Science Center, Humanities Building, Materials Research Building, University Center-East and the Physical Plant.

A replacement has not yet been chosen to fill Wollard's shoes at the end of this summer; however, Wollard does not intend to leave the university for good. He plans

to remain available to UMR as a consultant if needed.

When asked what his plans are for his free time after he retires, Mr. Wollard replied that he and his wife, Angela, will do some traveling. They may also relocate within the state, possibly in Springfield. His wife, son and one of his two daughters are UMR alumni.

UMR Chancellor Joseph Marchello had this to say, "I appreciate Mr. Wollard's outstanding professional service to UMR over the years. I've enjoyed working with him during the five years that I've been at UMR, and I know I speak for everyone in the university community when I say that he will be missed."



Joseph D. Wollard, executive director of administrative services, will retire this summer after 17 years at UMR.

EE receives HP grant

By GREG RINKER

During January the EE department received three 6400 series Logic Development Stations in an equipment grant from Hewlett Packard worth about \$100,000. A matching grant of about \$20,000 was provided by the campus.

The equipment includes three Logic Development Stations, four disc drives, 8086 emulator subsystem,

logic analyzer and a printer. A large amount of software was also included in the grant.

Basically the system allows the EE department to teach computer-aided design, CAD, of microprocessor systems. The equipment is currently being used by several students receiving special training under the direction of Professor Tom Herrick.

The 26 students in Professor Darrow Dawson's EE 301B class will also be using the system this semester for individual projects. Professors Herrick and Dawson both attended Hewlett Packard's Logic Symposium VI last year in Colorado and were directors of the grant.

The bulk of the system looks like three ordinary computer terminals but as Professor Dawson said,

"These stations are completely different from the conventional Apple or IBM personal computers. The Hewlett Packard stations are designed so that users can design the new computers of the future."

As of now there are only three systems of this type in the state of Missouri and UMR will be the first college in the state to have one.

CALENDAR OF EVENTS

Editor's Note: If your organization is having a meeting, turn in details to the MINER office in the Rolla Building before Monday at 9 p.m. and we will list it in the Activities Section of the paper. No articles submitted will be printed unless written in complete sentences with proper grammar. No schedule or flyers will be rewritten and published by the staff for the Activities Section.

If your organization is sponsoring a campus-wide event for the benefit of charity, get us details before Monday at 9:00 p.m. We will advertise the event free of charge in this space.

The MINER reserves the right to edit any notices or ads for this page before publication.

THURSDAY

NEWMAN STUDENT ORGANIZATION

The Newman Student Organization will have a general meeting on Thursday, Feb. 17, at 6 p.m. in Room 119 CE. Everyone welcomed.

UMR FILM SERIES

UMR Film Series, "Reds," directed by Warren Beatty, 7:30 p.m., Miles Auditorium, Mechanical Engineering Building. Season ticket or \$2.50 at the door.

HELIX

Helix will sponsor a talk by Professor Samir B. Hanna of the chemistry department at 4:30 p.m., Thursday, Feb. 17, in Room 125 of the Chemistry Building. His subject will be the research he is conducting while on sabbatical leave this year — "The Role of Biology and Chemistry in Psychiatry and Mental Health."

MSMCC

The MSM Climbing Club will meet this Thursday at 6:30 p.m. in Room 207 Norwood Hall.

UMR TARGET PISTOL CLUB

The UMR Target Pistol Club will have its year book picture taken at 6:30 p.m., Thursday, Feb. 17. The picture will be taken in the UMR Rifle Range (basement of Military Science Building T2). A regular practice gallery will follow the picture. All members should try to attend.

INTERCOLLEGIATE KNIGHTS

IK will have a meeting in the Mark Twain Room on Thursday, Feb. 17, at 7 p.m. All knights and spring pages are urged to attend.

MATH HELP SESSIONS

KME sponsors free math help sessions for all students in algebra, trigonometry and calculus. Help sessions are held every Monday and Thursday from 6:30-8 p.m. in Room 209 Math-Computer Science Building. If you're having trouble or want help with math please, drop by.

PHI ETA SIGMA MEETING

Phi Eta Sigma meeting (pre-induction quiz) Thursday, Feb. 17 at 7 p.m. in H-SS G-5. Initiates: Plaques are due then!!

Missouri Miner

The Missouri Miner is the official publication of the students of the University of Missouri at Rolla. It is published weekly at Rolla, Missouri. The Missouri Miner features activities of the student and faculty of UMR.

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Subscriptions are available to the general readership at a rate of \$7 per semester. Articles and photos for publication in the Miner must be in by 9:00 p.m. on Monday before distribution on Thursday.

THE MISSOURI MINER
303 Rolla Building
University of Missouri-Rolla
Rolla, MO 65401
341-4312

SUNDAY

DECEIVED

"Deceived," a movie about Jim Jones and the People's Temple, will be shown at 7 p.m., Friday, Feb. 18, in the Missouri Room of the Student Center. Admission is free.

SATURDAY

SPORTS CAR CLUB

The UMR Sports Car Club will hold the second annual Valentine's Day Massacre Rally on Saturday, Feb. 19. Registration starts at 10 a.m. at the parking lot next to the Computer Science Building. Extra points will be awarded to couples who enter (that means one male and one female in the car). Only two people per car. For more information, call Kevin Farrell at 364-8345.

FRIDAY

INDOOR RECREATION

The indoor recreation committee of SUB will show the movie "Chariots of Fire" on Sunday, Feb. 20, in Centennial Hall. The times are 4 p.m. and 6:30 p.m. and admission is free.

MONDAY

WOEEE

There will be a meeting of the UMR Amateur Radio Club on Monday, Feb. 21. Meeting time is at 6:30 p.m. in Room 101 EE. Anyone interested in ham radio is welcome to attend.

TUESDAY

SAE

The Society of Automotive Engineers will hold its second meeting of the semester on Tuesday, Feb. 22, at 7 p.m. in Room 104 Mechanical Engineering. The guest speaker will be Mr. Paul Meyer of ACF Carter Carburetor. Mr. Meyer will present a program on the engineering details of Carter's electronic engine knock eliminator (one of these knock eliminators will be given away as the door prize — approximately a \$100 value!!). Everyone is welcome.

SWE

The Society of Women Engineers will have a meeting on Tuesday, Feb. 22, at 6:15 p.m. in the Missouri Room of University Center-East. Memberships will be taken.

WEDNESDAY

L'HAYYIM'S

Funny, you don't look Jewish, but since you are be sure to attend L'Hayyim's (UMR's Jewish Student Organization) meeting. When: Wednesday, February 23 from 7:30-9:30 p.m. Where: University Center-East, Maramec Room What: Perspectives on Israel See you there. For more information, call Mike at 364-0664.

WESLEY

Wesley holds a general meeting every Wednesday evening at 6 p.m. at the Wesley House, 403 W. Eighth St. On Saturday, Feb. 26, Chuck Heidbrier will speak and play the guitar. Everyone is invited.

ASCE

The student chapter of ASCE will meet on Wednesday, Feb. 23, at 7 p.m. in Room 114 of the CE Building. Mr. Dennis L. Chenoweth of Wagner-Hohns-Inglis Inc. will be the guest speaker and refreshments will be served following the meeting.

WOMEN AT WORK

The first program of the Women at Work series will feature an "Ozark Meandering" with Dr. James Bogan. It begins at noon on Wednesday, Feb. 23, in the Mark Twain Room in the University Center-East.

NODAY

GUARANTEED STUDENT LOAN INFORMATION

The last day students may apply for a Guaranteed Student Loan (GSL) for the spring 1983 semester is March 15. Due to federal regulations, the Student Financial Aid Office cannot accept applications for a GSL after this date for the spring '83 semester.

DRESDEN ORCHESTRA CONCERT

The Student Union Board has purchased a limited number of tickets for students only for the Dresden Orchestra Concert to be presented on March 2, at 8 p.m. in Bullman Multi-Purpose Building. Students must have a valid UMR I.D. and may pick up one ticket only in Program Office, 217 University Center-West, from 1-3:30 p.m. Monday through Friday until Feb. 25 and Monday through Wednesday, Feb. 28-March 2.

Distribute Advertising Materials on Campus. Write: College Distributors, 5 S. 040 Pebblewood, No. 408-W, Naperville, IL 60540

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Workshop offered

This spring, the Counseling Center staff is offering a variety of presentations including study skills, personal relationships, stress management, etc., as outreach activities through their Personal Resources Development Program. They encourage all students interested in one or more of these areas to attend, and all sessions are free of charge.

Should an organization desire a workshop in a special area of interest that is not going to be offered this semester, call Stewart Cooper at 341-4211 to arrange a presentation. There are only a limited amount of times available, so contact should be made early.

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TUTORING

Trig & Calculus

Monday & Thursday—6:30 p.m.-8:00 p.m.
Room 209, MCS Bldg.
Alpha Chi Sigma

Freshman & Analytical Chemistry

Tuesday & Thursday—7:00 p.m.-9:00 p.m.
Room 127, Chemistry Bldg.

Physics

21, 23, 24, 25, 107

Wednesday—7:30 p.m.-9:00 p.m.
Room 129-130, Physics Bldg.
Society of Physics Students

Free week

By HEIDI FLUEGEL

Student Council will be sponsoring a free university week. During this week Student Council will be having two guest speakers for the students.

Dr. W. Nicholas Knight will be the guest speaker for Monday, Feb. 21. Dr. Knight will speak on his personal experience of "How to Find a \$1.5 Million Shakespearean Signature." His talk will include his travel and search for verification of

Shakespeare's signature and his unexpected find of an unknown Shakespearean play.

On Tuesday night, Feb. 22, Dr. Arlan DeKock will present the topic of "Programmable Calculators" — the pros and cons, the future and the transition of portable computers.

All of the above lectures will be in 104 Physics from 7-8 p.m. Come and enjoy these two fine speakers.



Bruce West

Every girl in TJ, over 120 of them, received at least one rose for Valentine's Day. From "TCL," an unidentified admirer.

Research awards

The UMR Chapter of Sigma Xi, the national honor society for scientific research, is soliciting papers for its annual Undergraduate Research Awards. Cash awards of \$200, \$100, \$50 and \$25 will be given, respectively, for the first-, second-, third- and fourth-place papers. Original research in any scientific field is eligible for the competition providing that the research was con-

ducted while the student was an undergraduate at UMR.

Four copies of the research paper must be submitted to the chair of the Awards Committee, Dr. Nancy A. Marlin (112 H-SS), by March 25. Notification of the awards will be made in April and the winning students will be honored on May 4 at the annual Sigma Xi banquet. For additional information call 341-4811.

Blue Key accepts 12

By BECKY KOVARIK

On Thursday, Feb. 3, UMR's chapter of Blue Key National Honor fraternity had its spring smoker. They awarded 12 students membership into the organization. Blue Key

would like to take this time to extend both honors and congratulations to the following students at UMR: Elizabeth Metzler, Rebecca Moritz, Melinda Smith, Kathy Von Rump, John Remers, Edward Bradley Jr., Gregg Little, Paul Lang, Richard Wacker, Richard Kirk Maguire, Charla Niccoli and Sherry Noonan.

Blue Key members are selected for this honor because they have shown character, outstanding ability and recognized

potential as future citizens and leaders. Juniors and seniors who are otherwise qualified and who have had an opportunity for self-expression and growth in the various student activities, academic and service honor fraternities and religious organizations are eligible.

A point tabulation-sheet is filled out by each nominee and points are awarded for his or her extracurricular activities. The members are chosen on the basis of their points and their grade-point

averages. Membership is limited to students who have completed at least 60 hours and at least two full years of college work, and maintained a GPA of 2.75 or better (on a 4.0 system), and have a minimum of 40 points on the approved point system of the chapter.

ABS essay contest

The Dean of Students in conjunction with the Minority Engineering Program is sponsoring an essay contest on the following theme:

The constitution of the Association for Black Students at UMR is set forth as follows:

To stimulate unity among black students on the UMR campus and to improve relations with all people. The ABS shall pursue these objectives to their fullest potential in the areas of

academics, community and campus relations, social and athletic activities. We, the members of the Association of Black Students at UMR, do here-now adopt and hereafter adhere to this constitution.

If they define their organization (ABS) as the process of people working with each other toward their common goals, describe in a 250-word or less essay how the ABS can accomplish its objectives as stated in its constitution.

A first-place prize of \$100 will be awarded.

Rules of contest:

- 1) Typewritten, double spaced, 250 words or less.
- 2) Must be turned in at the MEP Office, (302 Rolla Building) by March 4, 1983, at 4:30 p.m.
- 3) Contestant must be a UMR student.

Winner will be announced March 25, 1983, in the Missouri Miner.

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New club

The College Young Republicans is a newly-formed group on the UMR campus. Its purpose is to inform and make the student body aware of current and future legislative policies, and their effect on both the university and local community. They also offer the opportunity for students to speak to political figures in a forum-type setting with question and answer sessions provided. It is the goal of this organization to increase student participation in the political

process, regardless of their political viewpoints. Finally, the group has the resources available to sponsor leadership seminars which would be open to the student body.

Tuesday, Feb. 22, at 7 p.m. in Room G-1 of the H-SS Building, it will be having officer nominations. Elections will be held March 1. New officers will assume control on March 1 and preside for the entire '83-'84 school year. If there are any questions call 364-3512 and ask for Karl.

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The men of Kappa Alpha Psi are celebrating their third year of existence at UMR. In observance of this celebration, they have planned a week's worth of activities. The schedule of events is listed as follows:

DATE	EVENT
2/20/83	Gospel Night/Prayer Service*
2/21/83	Kappa Kandy (Intro to the week)
2/22/83	Koffee House/Seminar
2/23/83	Date of Chartering (Open)
2/24/83	Krimson and Krete Day
2/25/83	Kasino Night
2/26/83	Kappa Skate**
2/27/83	Third Annual Sweetheart Ball
	Kappa Banquet

*In conjunction with the Voices of Inspiration Choir.

**Event will be held at the Magic Lantern skating rink.

The times and places of the other events will be listed on campus during the week. Tickets cost \$8 which covers everything, with all proceeds being donated to a local charitable organization. For more information, contact Francois Faulkner, 364-9756.

Interviews

PERMANENT EMPLOYMENT SCHEDULE
CAREER DEVELOPMENT
9th & Rolla Streets

Campus interview for week of March 7-11, 1983

SUNSTRAND CORPORATION, Rockford, IL

Will interview MAY grads with BS/Mechanical, Electrical Engineering for Advanced Technology Group. Mechanical Systems Group - Products include actuators systems, fuel pumps, turbo-power systems, and constant speed drives; Electrical Systems Group - Systems and components for aerospace applications, such as electrical power generating and distribution equipment, etc.; Energy Systems Group - undersea propulsion systems, waste heat energy conversion systems, space craft flight components, and rocket & missile components. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED BY COMPANY.
Location: Rockford, IL
Interviewer: Gene Roy
Interview date: March 7, 1983
Priority sign-up: February 18, 1983
Regular sign-up: February 21, 1983

U.S. GYPSUM, North Kansas City, MO

Will interview MAY, JULY grads with BS/Electrical, Civil, Mechanical, Chemical Engineering, Engineering Management for Project Engineer. Job summary will be posted with signups. Candidates must be open to geographic relocation.
PERMANENT VISA REQUIRED BY COMPANY.
Interviewers: Dave Thatcher & Dave Hunt
Interview date: March 7, 1983
Priority sign-up: February 18, 1983
Regular sign-up: February 21, 1983

TRANE COMPANY, LaCrosse, WI

SCHEDULES FOR MARCH 7-11, 1983 HAVE BEEN CANCELLED.

AMSTED INDUSTRIES, Chicago, IL

(CANCELLED 2-14-83)
Will interview MAY, JULY grads with BS/Mechanical, Metallurgical, Electrical Engineering, Metallurgical Engineering: Operations and Quality Control; Mechanical Engineering: Design & Facilities; Electrical Engineering: Facilities & Equipment. U.S. CITIZENSHIP REQUIRED BY COMPANY.
Location: Midwest
Interviewer: T.P. Frieberg
Interview date: March 8, 1983
Priority sign-up: February 21, 1983
Regular sign-up: February 22, 1983

MODINE MANUFACTURING COMPANY, Racine, WI

Will interview MAY, JULY grads with BS/Mechanical Engineering for Process/Manufacturing Engineer.
Location: Corporate Headquarters in Racine, WI; Manufacturing Locations in Kansas, Ohio, Indiana and Tennessee
Interviewers: A.O. Bixler
Interview date: March 8, 1983
Priority sign-up: February 21, 1983
Regular sign-up: February 22, 1983

OKLAHOMA GAS AND ELECTRIC COMPANY, Oklahoma City, OK

Will interview MAY, JULY grads with BS/Mechanical Engineering for Engineer-in-Training at Power Plants, Power Production Department; BS/Electrical Engineering for Engineer-in-Training in Region Engineering offices, Transmission & Distribution Department. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED BY COMPANY.
Location: Oklahoma City, OK
Interviewers: Mike Loyd, Tom Phillip, Bill Green
Interview date: March 8, 1983
Priority sign-up: February 21, 1983
Regular sign-up: February 22, 1983

GENERAL DYNAMICS-FT. WORTH DIVISION, Ft. Worth, TX

Will interview MAY, JULY grads with BS/MS/PhD in Electrical Engineering for engineering positions on avionics and electronics programs. PRIORITY WILL BE GIVEN TO APPLICANTS IN THE TOP HALF OF THEIR GRADUATING CLASS. PLEASE FILL OUT COMPANY APPLICATION PRIOR TO INTERVIEW. U.S. CITIZENSHIP REQUIRED BY COMPANY.
Location: Fort Worth, TX
Interviewers: unknown at this time
Interview dates: March 8, 9, 1983
Priority sign-up: February 21, 1983
Regular sign-up: February 22, 1983

SQUARE D, Columbia, MO

Will interview MAY, JULY grads with BS/MS/Engineering Management for Industrial Engineer; BS/MS/Electrical Engineering ONLY for Technical Sales; BS/MS/Electrical Engineering (power option) for design & development of molded case circuit breakers; BS/Engineering Management, Mechanical Engineering for career opportunities in CAD/CAM utilization. U.S. CITIZENSHIP REQUIRED BY COMPANY.
Location: Cedar Rapids, IA; Columbia, MO; 200 (sales) offices, U.S.
Interviewers: Jim Roach, John Schultz and another
Interview date: March 8, 1983
Priority sign-up: February 21, 1983
Regular sign-up: February 22, 1983

WELBY, DIV. OF HALLIBURTON, Houston, TX

Will interview MAY, JULY 1983 grads (PREVIOUS GRADS, SIGN ON BACK-UP LIST) with BS/Electrical, Mechanical Engineering for oil field service engineers: operate and maintain surface and subsurface electronic equipment, manage a logging crew, and provide on-the-spot analysis of collected data from new oil and gas wells. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED BY COMPANY.
Location: Oklahoma & Texas
Interviewers: unknown at this time
Interview date: March 8, 1983
Priority sign-up: February 21, 1983
Regular sign-up: February 22, 1983

MISSOURI PUBLIC SERVICE, Kansas City, MO

Will interview MAY grads with BS/Mechanical, Electrical Engineering for Staff Engineer. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED BY COMPANY.
Location: Kansas City, MO INTERVIEWS WILL BE 45 MINUTES IN LENGTH.
Interviewer: unknown at this time
Interview date: March 8, 1983
Priority sign-up: February 21, 1983
Regular sign-up: February 22, 1983

DIGITAL EQUIPMENT, St. Louis, MO

Will interview MAY, JULY grads with BS/MS/Electrical Engineering, Computer Science for software development. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED BY COMPANY.
Location: St. Louis primarily - other locations possible
Interviewer: Geoffrey Lock
Interview date: March 7, 1983
Priority sign-up: February 18, 1983
Regular sign-up: February 21, 1983

INTEL CORPORATION, Chandler, AZ

Will interview on March 9, 10, 1983. NO information available at this time.
Priority sign-up: February 22, 1983
Regular sign-up: February 23, 1983

BUTLER MANUFACTURING COMPANY, Kansas City, MO

Will interview MAY, JULY grads with BS/MS/Civil Engineering for structural steel design positions (Kansas City, MO); BS/Civil Engineering for Sales Trainee (USA); BS/MS/Mechanical Engr., Engr. Mgt for plant engr. positions. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED BY COMPANY.
Interviewer: Roger Laboube
Interview date: March 9, 1983
Priority sign-up: February 22, 1983
Regular sign-up: February 23, 1983

NAVAL AVIONICS CENTER, Indianapolis, IN

Will interview MAY, JULY, DECEMBER grads with BS/MS/PhD Electrical, Mechanical Engr. wide variety of projects, such as microwave systems, telemetry, missile guidance, navigation, sonar, countermeasures, test sets, imaging video and infra-red systems, and control systems. (Further details will be posted with signups). CIVILIAN EMPLOYMENT - U.S. CITIZENSHIP REQUIRED.
Location: Indianapolis, IN
Interviewer: Ginny Tewell
Interview date: March 9, 1983
Priority sign-up: February 22, 1983
Regular sign-up: February 23, 1983

MARTIN MARIETTA CORPORATION - DENVER AEROSPACE DIVISION, Bethesda, MD

Will interview MAY, JULY grads with BS/MS/Aerospace, Mechanical, Electrical Engr., BS/MS/Comp Science (math-statistics-scientific applications only-no business applications) for design and development of sophisticated missile and space systems. U.S. CITIZENSHIP REQUIRED. NOTE: COMPANY REQUESTS ONLY 25% OF EACH DISCIPLINE PER SCHEDULE. OPENINGS ARE AS FOLLOWS (FOR BOTH MORNING AND AFTERNOON SIGNUPS): 3 AEROSPACE, 3 MECHANICAL, 3 ELECTRICAL ENGINEERING, 3 COMPUTER SCIENCE.
Location: Denver, CO
Interviewer: Bob Gamill
Interview date: March 10, 11, 1983
Priority sign-up: February 23, 1983
Regular sign-up: February 24, 1983

ROCKWELL INTERNATIONAL, El Segundo, CA

Will interview MAY, JULY grads with BS/MS/PhD in Electrical Engineering for engineering staff assignments in research, design, development, test analysis, production, quality control, field engineering, reliability, etc., in Electronics Operations. U.S. CITIZENSHIP REQUIRED.
Locations: So. California, Golden, Colorado; Columbus, Ohio, Richland, Washington
Interviewers: unknown at this time
Interview dates: March 10, 11, 1983
Priority sign-up: February 23, 1983
Regular sign-up: February 24, 1983

UNITED TELEPHONE COMPANY, Overland Park, KS

Will interview MAY, JULY, DECEMBER grads with BS/Electrical Engineering, Physics for Management Trainee. U.S. CITIZENSHIP REQUIRED.
Location: Overland Park, KS
Interviewer: Judy Randall
Interview date: March 10, 1983
Priority sign-up: February 23, 1983
Regular sign-up: February 24, 1983

PFIZER, INCORPORATED, Lee's Summit, MO

Will interview MAY grads with BS/Chemistry for quantitative/qualitative analysis of animal health care products in Quality Assurance Dept. - Agriculture Division. (NOTE: This will be an afternoon schedule only; Afternoon signups only - 6 openings) U.S. CITIZENSHIP REQUIRED.
Location: Lee's Summit, MO
Interviewers: Brian Jackson, Randall Turner
Interview date: March 10, 1983
Priority sign-up: February 23, 1983
Regular sign-up: February 24, 1983

MENALLY PITTSBURG, INC., Pittsburg, KS

Will interview MAY grads with BS/MS/Electrical, Mechanical Engineering for design of coal handling systems. U.S. CITIZENSHIP REQUIRED BY COMPANY.
Location: Pittsburg, KS
Interviewer: Jim Fry
Interview date: March 10, 1983
Priority sign-up: February 23, 1983
Regular sign-up: February 24, 1983

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Honors Week

With the help of various student and faculty groups and departments, the

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Week activities. Students, except the initiation ceremonies for new members of honor societies, faculty and the public are invited to attend all events,

Monday, February 21, 1983

Tuesday, February 22, 1983

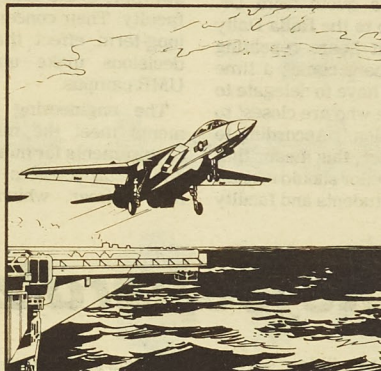
3:30 p.m.
Who : Mr. Bertrand Barre, Nuclear Attaché of the French Embassy
Topic : "Radioactive Wastes - The French Disposal"
Where : G-5 Humanities-Social Sciences Building
Sponsor: Metallurgical, Ceramic, Geological, Mining and Nuclear Engineering Departments

7:30 p.m.
Who : Dr. Stanley Lombardo, Associate Professor of Classics, University of Kansas
Topic : "The Fabric of the Heavens"
Where : Missouri Room of the University Center
Sponsor: Art Faculty and Missouri Committee for Humanities

9:30 a.m.
Who : Mr. Bertrand Barre, Nuclear Attaché of the French Embassy
Topic : "The French Breeder Reactor Program"
Where : Mark Twain Room of the University Center
Sponsor: Metallurgical, Ceramic, Geological, Mining and Nuclear Engineering Departments

see Honors Week page 11

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PROFESSIONAL SERVICE INDUSTRIES, INC., Oak Brook, IL
Will interview MAY grads with BS/MS/Civil Engineering for consulting geotechnical engineers and construction material quality control testing, in AM Engineering, Shilstone Engineering Testing Lab., Coleman Testing Lab., Inc., Walker Laboratories, Inc., Michigan Testing Engineers, AM Flood Engineers, Soil Systems, Inc., Jay Evans Testing Lab., Halpert & Associates. U.S. CITIZENSHIP REQUIRED.
Location: continental U.S.
Interviewers: Leland Lewis
Interview date: March 10, 1983
Priority sign-up: February 23, 1983
Regular sign-up: February 24, 1983

WATERWAYS EXPERIMENT STATION, Vicksburg, MS
Will interview MAY, JULY grads with BS/MS/Civil, Mechanical Engineering for research & development. U.S. CITIZENSHIP REQUIRED.
Location: Vicksburg, MS
Interviewer: Bertha Payne
Interview date: March 10, 1983
Priority sign-up: February 23, 1983
Regular sign-up: February 24, 1983

COLES-MOULTRIE ELECTRIC COOPERATIVE, Mattoon, IL
Will interview MAY, JULY grads with BS/Electrical Engineering for preparation of information for analysis of system load, voltage drop studies, staking and design of distribution line, some transmission line design, obtaining right-of-way, some supervision of construction, preparation of sectionalizing studies and fault current data. U.S. CITIZENSHIP REQUIRED.
Location: Mattoon, IL
Interviewer: John Dooley
Interview date: March 10, 1983
Priority sign-up: February 23, 1983
Regular sign-up: February 24, 1983

NOTE: INTERVIEWS WILL BE FOR AFTERNOON ONLY; AFTERNOON SIGNUPS (6 AVAILABLE).

CRD CORPORATION, Oak Brook, IL
Will interview MAY grads with BS/Civil Engineering for training program leading to sales engineering, application engineering, engineering management, in Concrete Forming Division. Brochures are available at placement office. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED BY COMPANY.
Location: principal cities nationwide
Interviewer: Dave Breese
Interview date: March 10, 1983
Priority sign-up: February 23, 1983
Regular sign-up: February 24, 1983

BEECH AIRCRAFT CORPORATION, Wichita, KS
Will interview MAY, JULY grads with BS/MS/Aerospace, Mechanical Engineering for structures, aerodynamics, test, system design, airframe design and avionics. PLEASE FILL OUT COMPANY APPLICATION PRIOR TO INTERVIEW. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED BY COMPANY.
Location: Wichita
Interviewers: Jerome L. Williams
Interview date: March 11, 1983
Priority sign-up: February 24, 1983
Regular sign-up: February 25, 1983

WELLS MANUFACTURING COMPANY, Skokie, IL
Will interview DECEMBER (1982), MAY, JULY 1983 grads with BS/Metallurgical Engineering for process metallurgy, some production response. Possible shift work; BS/Mechanical Engineering for Foundry Engineer, Q.C., Maintenance. U.S. CITIZENSHIP REQUIRED BY COMPANY.
Location: Skokie, IL
Interviewers: Alan Holtz & Bob Engelhardt
Interview date: March 11, 1983
Priority sign-up: February 24, 1983
Regular sign-up: February 25, 1983

NOTE: 4 SIGNUPS WILL BE AVAILABLE FOR AM INTERVIEWS; 3 SIGNUPS WILL BE AVAILABLE FOR AFTERNOON INTERVIEWS.

MARATHON OIL, Findlay, OH
Will interview on March 11, 1983. No information available at this time.
Priority sign-up: February 24, 1983
Regular sign-up: February 25, 1983

Schedule information for General Electric (received too late for Miner last week)

GENERAL ELECTRIC, San Francisco, CA
Will interview MAY, JULY grads with BS/Electrical, Nuclear, Mechanical Engineering for Field Engineering Program. Location: Midwest; Interviewer: B. Shockley

Will interview May, July grads with BS/MS/Electrical Engineering, Engineering Management, Mechanical, Nuclear Engineering for Technical Marketing Program.
Location: Nationwide; Interviewer: Ms. H. Kaiser

Will interview May, July grads with BS/MS/Aerospace Engineering, Computer Science, Electrical Engineering, Engineering Management, Engineering Mechanics, Mechanical, Metallurgical, Nuclear Engineering for Manufacturing Management Program.
Location: Nationwide; Interviewer: Mr. R. Higham

Will interview May, July grads with BS/MS/Aerospace Engineering, Computer Science, Electrical Engineering, Engineering Mechanics, Mechanical, Metallurgical, Nuclear Engineering for engineering for placement in development or design engineering.
Location: Nationwide; Interviewers: R. Vachon, F. Scheib, B. Basden, L. Heitlinger and A. Fetzner. U.S. CITIZENSHIP OR PERMANENT VISA REQUIRED BY COMPANY.

Interview dates: March 2, 3, 1983
Priority sign-up: March 15, 1983
Regular sign-up: March 16, 1983

Summer

SIGNUPS FOR THE FOLLOWING COMPANIES WILL BE HELD ON TUESDAY, FEBRUARY 22, 1983, IN THE UNIVERSITY CENTER WEST. AM SIGNUPS WILL BE HELD FROM 8:30-11:30; PM SIGNUPS WILL BE HELD FROM 1:00-3:30 ONLY.

ASSOCIATED ELECTRIC COOP., INC., Springfield, MO
Will interview Advancing Freshmen, Advancing Sophomores, Advancing Juniors in Electrical Engineering for summer engineering intern work as one of the following: System Planning Engineer, Engineering Applications Programmer, or Real-time Systems Programmer (developing interactive graphic software).
Location: Springfield, MO
Interviewers: Doug Arlig and Dean Graham
Interview date: March 7, 1983

NOTE: 12 interview openings for morning signups; 12 interview openings for afternoon signups

PFIZER INCORPORATED, Lee's Summit, MO
Will interview JUNIORS in Mechanical Engineering interested in summer engineering program. U.S. CITIZENSHIP REQUIRED.
Location: Lee's Summit, MO
Interviewers: Brian Jackson, Randall Turner
Interview date: March 10, 1983

NOTE: 12 interview openings for morning signups; 6 interview openings for afternoon signups

WELLS MANUFACTURING COMPANY, Skokie, IL
Will interview Advancing Freshmen, Advancing Sophomores in Metallurgical, Mechanical Engineering. U.S. CITIZENSHIP REQUIRED.
Location: Skokie, IL
Interviewers: Alan Holtz, Bob Engelhardt
Interview date: March 11, 1983

NOTE: 4 interview openings for morning signups; 3 interview openings for afternoon signups. INTERVIEWS WILL BE 20 MINUTES EACH.

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Reply to student outrage

This is a reply to an article by Dave Palmer that ran in the Miner on Thursday, Feb. 10, 1983.

To say that UMR has reached "the ridiculous conclusion that engineers have no need to understand the basic interpersonal skills" is pure balderdash. The people who are responsible for managing this university are well aware of the engineer's need to communicate his achievements to fellow engineers and, even more challenging, to non-engineers.

I don't like to think of UMR as understaffed, but prefer to consider the campus overpopulated. There is no justification, economically, to expand facilities enough to accommodate more than 7,000 students. The reason is

obvious if population studies are considered. There simply won't be as many students graduating from high schools in the next few years compared to what we've seen in the past. The campus would be vastly underutilized in the near future if it suddenly inflated itself to handle 7,000 students comfortably.

Mr. Palmer says, "There is an obvious inability to focus on any issue as long as the power structure refuses to acknowledge our presence..." He continues in this run on fashion to describe a quote from Dr. Marchello to the Rolla Daily News that bears repeating here: "There comes a time when you have to delegate to the people who are closest to the situation." According to Mr. Palmer, this means that the chancellor should consult with the students and faculty

before making any decisions. This place would be a circus at best if this was the case. We don't know a damn thing about running a university. Even if we did, our emotional involvement would certainly warp all of our decisions.

"Men of power" and "power structure" are terms used by Mr. Palmer to describe those who make the major changes in our university here at Rolla. Contrary to what Mr. Palmer may think, this system is not a democracy. These men are not answerable to the students and faculty. Their concern is the long-term effect that their decisions make upon the UMR campus.

The engineering departments meet the minimum requirements for humanities and social sciences. Tell us Mr. Palmer, which areas

"fall several hours short of this requirement." And please tell us how many English majors are inept at math and physics skills. The computer will become the largest communication device and how many liberal arts students are required to take FORTRAN?

As to the cutback in English composition classes, I can only guess the reason. There are more and more students who take their basic freshman courses at a community college near home and then transfer into UMR at the sophomore level. This activity takes some of the burden off the freshman level class.

To say that "UMR is proud of boasting continual record enrollment" shows that you are suffering from illusions. I have not seen any banners or signs proclaiming the latest enrollment figures. In

fact, if you ask Joseph D. Wollard about the actual number of students, he shuffles his feet just a little and apologizes for not having those figures right at hand. The point is, some people are under some discomfort by the situation and the problems it causes.

This is an engineering school. If cutbacks are to be made, the engineering classes will certainly be the least affected. Mr. Palmer states that "75 percent of the philosophy sections, closed. The same holds true for 65 percent of the English sections, 47 percent math, and on and on throughout the various arts and sciences departments. Hardly can the same be said in the other departments." Hold on, right there! Anyone in engineering who is reading this will attest to the high number of closed classes in every department. Let's not

cry too hard or too loud. We all have a burden to bear.

I believe that Mr. Palmer's continual complaints are brought about emotionally. He claims, "It is hard to get information due to the confusion tactics that are in use..." Here again, Mr. Palmer shows his paranoid attitude regarding the complexity of the university system. His questions of how the money is spent can be easily answered. The budget is public information and a copy is available upon request.

Mr. Palmer, I may have misinterpreted some of your ideas due to your verbose style, perpetuated with disproportionately large words, strung together in a never-ending sentence style that leaves the reader wondering what you really intended to say to begin with. If so, I apologize.

Kevin Farrell
54665

Concern abounds,

Budget cuts jeopardize quality

To the Editor:

I am writing this letter to express my deep concern over the recent budget cuts and subsequent layoffs within the UMR faculty. I believe that these layoffs will be extraordinarily detrimental to the quality of education that students receive on this campus. Beginning level humanities courses are already overcrowded, and the proposed cuts, to be effective next fall, will make it difficult, if not impossible, for freshmen and sophomores to get into those courses which are requirements.

In the humanities and social sciences, English, philosophy and economics are all losing faculty members. The English

department will lose several part-time instructors, which will eliminate approximately 10 sections of composition. This semester there are 28 sections of composition, which are nearly all full; however, in the fall semester, when the demand for these courses is considerably higher, there are only 18 sections that will remain uncut. The English department could provide more composition classes, but it will have to be done at the expense of other courses, like Eng 60 (Exposition) and Eng 160 (Technical Writing). These courses, however, are also full, and many of them have had substantial waiting lists. When the burden of providing enough courses to meet the needs of the

students is placed on an even smaller English faculty than already exists, it is difficult to imagine how, and by whom, these courses will be taught.

The economics department is slotted to lose one full-time faculty member, which will amount to a loss of five sections of basic economics. These courses have some, but few openings this semester, yet in the fall there will be 14 to 15 sections available instead of 20.

The philosophy department has been the hardest hit of all, and ironically, they are the least able to afford it. They will lose three of the six faculty members they now have. Most philosophy courses are full this semester, and many have

extensive waiting lists. With the reduction in staff, 12 of the 21 sections of philosophy will be cut. Only nine sections of philosophy will be available to the students, and these could not possibly be adequate for the number of students that have filled 21 sections, not to mention those students on waiting lists, or those that have been turned away entirely.

If these cuts go through as planned, the only alternative to turning away students will be to increase class size. This, however, is not really a viable solution in humanities, where discussion is such an in-

see Budget cuts
page 8

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No jobs for July '82 grads

Dear Editor,

It is rare that I write to publications as I am often not free with my criticism or praise. However, recent events and articles you have published have prompted me to bring up a few things that feel are either overlooked or not emphasized enough.

First of all, your coverage of the employment situation for UMR students is to be applauded. You have stressed that times are tough, that many employers are just not able to hire anyone anymore. I am not sure of all the reasoning behind the decision to hire or not to hire, but a good part of it seems to be that "if we wait long enough, things will get better." Job offers are not being made under this line of thinking and many people are suffering.

I graduated from UMR in July of last year. I interviewed what firms I could, and sent letters and

resumes to those that I couldn't. Then I waited. I still don't have a job, and as of now I don't even have any prospects. Perhaps my B.S. in engineering management wasn't popular with recruiters. I'd hate to think that it was my GPA which I consider average, if not respectable. I'd hate to think that it was just some trick of fate that made me graduate at a time when things were bad. But what I hate the worst is the fact that I'm running out of rope.

I am not a graduate student because I can't afford it. I'm not enrolled at UMR in anything for the same reason. I can't go home because in my small hometown, I have no opportunities for employment of any kind (the unemployment rate is above 16 percent). I can't travel to the larger cities seeking employment because again I can't afford to. My only

recourse is to stay in Rolla and try to get interviews through the UMR Placement Office. This, too, has its problems.

Most of the interview schedules are limited to May, July and December 1983 graduates. With this limitation, I can only sign the back-up lists and hope that they read my resume. I have not found a company yet that will interview July '82 grads. Of those companies with open schedules, few are hiring my major.


Finally, as if to cap it off, I am running out of money. Unable to stay in Rolla, I must return home to live with (and off of) my parents. So far, I am unable to obtain local work because, as one man put it, I may not be here long enough.

I may sound bitter, but be understanding. I am a capable, hard working and educated person who isn't being given a chance. And I

am not alone. There are several of us "Old School Spirits" who just seem to be hanging around and haunting UMR. Some of us are fortunate enough to be in school. Some have local jobs. None of us want to be here. We want to be working.

Thank you for your time.
Charles D. Malin
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Who supports whom?

Liquor laws

In the Feb. 3, 1983, issue of the Missouri Miner, the article "Liquor control, Council cracks down" by Dave Donovan and the feature "The adventures of Captain Deadbeat" by Mike Stroder left me wondering about the quality of reporters and about the average UMR student.

The tone and approach taken by Mr. Donovan and Mr. Stroder in respect to this "recent crackdown" of the liquor laws suggests that they (and indirectly, the Missouri Miner) are in support of violating these liquor laws. This viewpoint, expressed by the authors and the Missouri Miner, may be the same viewpoint shared by most of the UMR students for whom the Missouri Miner is published. This, however, does not give the authors or the Missouri Miner the authority to support the violation of the liquor laws. The responsible reporting of

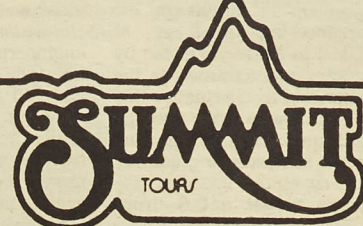
facts about the "crack-downs" is fitting for a newspaper. The article "Chief explains liquor laws" by Jennifer Barton in the Feb. 10, 1983, issue of the Missouri Miner is an example of responsible reporting. Biased or opinionated reporting, however, is not appropriate outside of the editorial page.

Why should the UMR student be concerned about "The local taverns (who) are under increased pressure from the Liquor Council to obey the liquor law?" (1) First, these taverns are breaking Rolla city codes and Missouri State Statutes by serving minors (those under the age of 21). The average UMR student has the idea that it is "OK" to break the law if you do not get caught (i.e. speeding, taking drugs, or driving while intoxicated). Would this idea about the law be different if the law violated involved killing

another person? A law is a law and a violation of a law is a violation of a law. Second, the under-age person who purchases, attempts to purchase, or has in his/her possession any intoxicating or non-intoxicating liquor is guilty of a misdemeanor. This is not like committing a venial sin. This is a violation of a law — it is as simple as that. Third, the viewpoint about the liquor inspector, "...He's back in his insidious plot to keep the underage crowd out of the bars. A crime most foul." (2) is unfair. He is only doing the job that the city-state pays him to do. If the tavern owners or the students will not comply with the laws, someone must enforce them.

The UMR student may feel that the laws are outdated, that he/she can be respon-

see Liquor laws
page 8



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Courses for the "real world"

By PAUL BRAUN
and DICK GROWER

Have you ever wondered about how well UMR has prepared you to work in the "real world" upon graduation? Chances are that you have and concluded that UMR provides one of the best technical educations available. Unfortunately, while you may have a good technical background, there is more to working in an engineering environment than solving a simple engineering problem.

Many of the young engineers working today will readily admit that they are lacking in two important areas: communications and the understanding of management. While these

areas are not technical in nature, it is obvious that they are very important for an individual who wants to succeed professionally. Hence, the question is what can be done to help eliminate this problem among engineers who will graduate from UMR.

A possible solution to this problem is to change the engineering program at UMR to a five-year plan by adding more courses to the curriculum. (Actually this would mean the average student would take only one more semester to graduate, as currently it takes 4½ years to get a B.S. from UMR.) The courses which would be added to the curriculum would amount to

four more courses to help prepare engineers in the aforementioned areas.

What are these four courses which should be added to the curriculum? The following is a brief discussion of each:

Speech 85 — Most engineers realize the need to be able to express one's ideas and opinions verbally. Unfortunately, most engineering students dread any type of public speaking and will not take this class although they know they really need it. Hence, for their own good, the course must be required for graduation.

English 160 (Technical Writing) — Again most engineers realize that the

ability to write good technical reports is a major criterion for success. Even if one has a brilliant idea, if he cannot express it in a written format (or verbal for that matter) such that others can understand him, his usefulness will be limited.

A Specialized Computer Course — Engineers must face the fact that computers are here to stay and are rapidly becoming a major tool used by many engineers. While most engineering students learn how to program in Computer Science 73, they are not exposed to the uses of a computer in their particular area of specialization. Such a course is desperately needed!

An Introductory Management Class — Some departments do not allow management classes to be taken as technical electives. Unfortunately, those responsible for this decision do not realize that a basic understanding of management operation in an engineering and manufacturing environment will increase the overall competence of an engineer. Furthermore, the only real way to advance in most companies is to go into

management. An undergraduate class similar in nature to Engineering Management "Engineers" is needed as an introduction to management for all students.

Hence, this proposal represents a possible solution to make the average engineering student more prepared to work in the real world. While it may not be the ultimate way to solve this problem, it is at least a step in the right direction.

Budget cuts

egral part of the learning experience. In such a case, the faculty would have to decrease the number of papers assigned or use only tests to determine whether or not the student has learned. This solution may appeal to the students in some ways, but remember that we may be left seriously lacking in those skills which are important, if not essential, to job placement and promotion.

The proposed faculty cuts will affect the engineering, computer science, and science students more than anyone else. It already takes many students in these fields five years or more to complete their rigorous courses of study, and the matter will only become further complicated by the lack of course availability.

As a UMR student, paying for my education, I feel I

have a right to a voice in the decision as to how the budget cuts are distributed. We have many luxuries available to us here at UMR;

however, good professors and a quality education are not luxuries: a complete and quality education is what I am paying my tuition for,

and I feel that it is being seriously jeopardized by the impending faculty cuts.

Betsy T. Revard

Liquor laws

sible to make his/her decision to drink or not to drink. The UMR student may point out that the state of Kansas has a legal drinking age of 18, and Iowa has a legal drinking age of 19. These and other states are considering raising the legal drinking age to 21. The reason is simple: many people up to 21 years of age are not responsible enough to control themselves in respect to alcohol use. This is proven by the number of accidents and deaths that are caused each year by

drinkers under the age of 21.

You should be aware of appropriate laws and city ordinances. This is so that you will know what the laws are (remember, ignorance of the law is no excuse) and so that you can make your own decisions about whether you want to violate these laws.

Dennis Laughlin
Student Number 61505

(1) Dave Donovan,
"Liquor control, Council cracks down," MISSOURI MINER, Feb. 3, 1983, p. 1.

(2) Mike Stroder, "The adventures of Captain Deadbeat," MISSOURI MINER, Feb. 3, 1983, p. 7.

from page 6

from page 7



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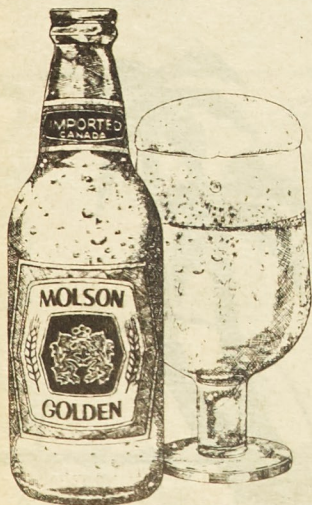
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MISSOURI MINER

Thursday, Feb. 17, 1983

Page 9

Eat right and

Exercise to a better you!

By CHRIS DeGONIA

Exercising, that much neglected and frowned upon event, has many advantages unknown to the common, inert body. Exercise changes your attitude toward many things and improves your self-image. You no longer think of yourself as a slovenly mass, but begin to see yourself as a real person.

Your alertness is enhanced and your attention span improved by exercise. Studying and listening to lectures become much easier and the temptation to fall asleep lessens. Your senses are sharpened and therefore other activities become more enjoyable. Students need an outlet for stress and exercise provides just such a release. It's better in the long run than going to the bar for a few beers for relief.

Exercising increases your attractiveness, also. Your skin takes on a healthier, better look. Better blood circulation brings your skin

nourishment. Psychologists and beauty experts claim that thin, attractive people have more and better opportunities than overweight people. They do better in their jobs and with their social lives. People view attractive people as being more capable than unattractive ones.

If you get very little exercise (12-ounce curls don't count) or none at all, consider some type of exercise program. It doesn't have to require a lot of time or be expensive but it must be right for you.

Experts recommend that we exercise vigorously three times a week for a period of 30 minutes. This is the minimum recommended amount. Of course, the more you exercise the better the results.

Don't use the old excuse about having no time. Everyone can spare 30 minutes three or more times a week. We spend more time than that procrastinating each day. Be careful to avoid becoming a weekend athlete.

You can't ever build up to anything because your body has a whole week to regress to the point where you started.

To start your exercise program find something that is fun for you. Some popular forms are running, cycling, jumping rope, swimming,

walking and even climbing stairs. Aerobic dance classes are quickly gaining popularity. The above mentioned exercises are also forms of aerobics. Aerobics are designed to increase your circulation by improving your heart and lung capacity.

You can also take advantage of the campus facilities that you've already paid for through your activity fees. The "Multi-Useless" Building isn't really useless at all. It has something for almost everyone — a swimming pool, weight rooms, handball and racquetball courts and an equipment room for various other sports. Still, the most popular form of exercise is walking. It's easy, free and can even be socially eventful. Students walk a lot but walking for exercise is a different form.

Other suggestions are: Find someone to exercise with. Exercise doesn't become as boring. Start out slowly with your exercise program and don't exercise to the point of pain. People drop out of exercise programs very fast when they're not enjoying themselves.

Of course, you should maintain a balanced diet along with your exercise program. It's easy to defeat the purpose when you eat a package of Oreos or drink a six-pack of brew a couple of times a week. If you feel like snacking, snack on something nutritional like fruit and vegetables, granola, or cheese and crackers.

Being healthy is a good step toward success and happiness. All people should exercise, thin and hefty alike.



Rick Bennett

Running is a good form of exercise.

IK building steam

By ROSS WARNER

Intercollegiate Knights (IK) started in 1922 as a national honorary service fraternity. Over 60 universities across the country have had chapters at one time, but only about 20 chapters are in existence today. The UMR chapter was started in 1964 and is still providing necessary services here in Rolla.

IK takes on many interesting projects during the year. Probably the most popular to incoming freshmen and others is the New Student Register. Information is sent out to these freshmen during the summer, and they can choose whether or not to participate. For a small fee, those who want to be a part can have personal information along with a picture published in the

register. Many freshmen have found the register to be a great way to meet people and get themselves known.

This spring, IK will be traveling to Boys Town in St. James for their biggest service project of the semester. The facilities are in need of quite a bit of work, so the fraternity is planning to help out wherever it is needed. This helps out the people at Boys Town, since it is hard to get things done on their own. Also this spring, IK will be teaching CPR classes through the UMR Police Department. The group hopes to get as many as possible involved in these classes.

The concession stand at the SMIRT rugby tournament in the spring will be handled by IK. Darryl Colvin, the organization's president, said that IK used

to run the concession stand at the football games, but that has changed over the last few years.

Colvin felt that lately the UMR chapter of IK has not been as active as it once was. He said that this chapter has lost most of its national ties and feels alienated, since most of the chapters are in the western part of the country. Colvin's main goals for the semester are to strengthen the ties with other chapters and to get people involved. He said that he realizes that people are usually too busy to get involved, but he said that if many would get involved, the service projects would not take that much time. Colvin stated, "this is going to be a pretty productive semester," since he is checking into many worthwhile projects.

Most of the IK members are fairly young, but very

enthusiastic. Colvin himself is only a sophomore, but he is certainly energetic enough to carry out all of his plans. He stated, "Even though we are pretty young right now, we're going to get back to where we were a few years ago."

Anyone may become a member of IK who has a grade point of 2.5 or above. Ten hours of service must be provided through the fraternity, and then a national pledge test must be passed before becoming a member. At the present time, there are about 20 members, but more are expected as the group gains strength. However, IK wants hard-working, quality people for members. The purpose is not to join, and then do nothing. According to Colvin, "IK is open to anyone who wants to join and be active."

St. Pat's Facts

Sitting at home with nothing to do? Why not come on out to the St. Pat's benefit movie tonight? The movie will feature the comedy "Arthur" and a Three Stooges short. Shows will be at 7, 9:10 and 11:10 p.m. at the Ritz Theatre. A good time is always had by everyone at this event and tickets are only \$1.25 at the door. There is no reason not to come on down to the Ritz Theatre, get rowdy and watch a real good movie.

Any organizations that would like to have a non-float entry in the 1983 St. Pat's Parade should be sure to have their entry in by Friday, Feb. 25. Entries can

be turned in at the campus sales table or to Joe Schuster at AEPi.

The St. Pat's Museum is still looking for St. Pat's relics to display. All items can be returned in time for the Follies. If you have any items to donate, contact Pat Lavin at 364-9901.

If you still haven't bought all your St. Pat's Green, you'd better hurry. There are only limited amounts of some items available. The campus sales table is now featuring a goblet special, four for \$10. There are only 28 days left until the 75th Annual Best Ever St. Pat's Celebration. It'll be here before you know it.

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Centennial Hall

FREE ADMISSION

Setting goals can help in

Finding your potential

By CRAIG A. HENDRICKS

How many times have you gotten a test back and said to yourself, "Why do I make such dumb mistakes?" There are many answers to that question and how to make better grades. Many of the principles used in finding academic potential can be used in all areas of life.

First is deciding what you want. Set a goal. Engineering Management 211 teaches that goals must pass the following tests: "Are they specific? Are they realistic? Can their achievement be verified? Do

they specify exactly when they will be achieved? Do they include specific intermediate targets or goals that are necessary to achieve the objective and whose achievement can also be verified?"

Once goals are set, in order to achieve them it usually takes learning new techniques, one of which is learning to manage your time and be efficient. Those who really excel in anything have learned to be efficient and get more done in less time.

Most of us received time

management and study techniques talks and materials when we were freshmen. Most of us probably glanced at them and threw them away. I recently picked up another copy of these and looked at them in a new light. These can be obtained at the counseling center. Chances are, if you are not making the grades you want, you need to improve your study habits. Even if you are a junior or senior it can help, if you're not too bullheaded to try.

Two ideas which have

really improved my study efficiency are: First, one hour of study immediately after class is better than two hours of study a few days later. Second, after studying for two hours, you begin to tire, and your concentration deteriorates rapidly. So take 10-minute breaks every hour.

The principle involved with that second point is balance. Author Paul Twitchell says that the mental, the physical, the spiritual and the emotional parts of an individual must be balanced for optimal

performance. Sometimes a student may neglect his physical body and overwork his brain while studying. This causes nothing but burnout. Research has found that physical exercise increases the body's tolerance to stress (induced during tests) and also aids in increasing blood flow to the brain. Try taking 10 minutes out per hour while studying to exercise. Do some stretching, sit-ups, push-ups, etc. If done in moderation this will increase your ability to concentrate.

It has been found that good nutrition can also increase concentration, memory and alertness. Some claim B-complex, vitamin E and manganese to be helpful in aiding these qualities.

Attitudes can also play an important part in the success of anything. If you find yourself saying, "I can't do this!" then this could be part

of your problem. By learning to smile and just laugh at your problems, you can change your attitude.

Dreams have even been used to help learn. It has been reported that studying right before sleep can cause the subconscious to work through the night on a problem. Some even claim that sleeping with a book under the pillow brings knowledge.

A friend of mine attended the Blue Key leadership training and summarized the "meat" of it with about nine statements. Set goals. Plan daily. Make best use of time. Don't procrastinate. Do it now. Strive for excellence, not perfection. Don't be a workaholic (balance). Take breaks. Avoid clutter.

By using the ideas laid forth here, you can excel in school, work, interviewing, sports, anything.

Dresden State Orchestra

By JANET JANSEN

On Wednesday evening, March 2, the UMR music department, the Student Union Board, Missouri Arts Council, the Mid-America Arts Alliance and the National Endowment for the Arts are privileged to present the Dresden State Orchestra in concert.

The concert will be in the Gale Bullman Multi-Purpose Building and will begin at 8 p.m. Tickets will be available free of charge in Room 216 University Center.

West. A UMR ID is required. Students who have already purchased tickets can get refunds in the music office of Harris Hall.

The oldest and one of the most distinguished orchestras in the world, the Dresden State Orchestra was founded in 1548. Known as the home of world-renowned composers and musicians, it gave the premiere performances of many of the major works of Richard Strauss and Richard Wagner including "Tannhauser," "Flying Dutchman," "Salome,"

"Elektra" and "Der Rosenkavalier." Mozart, Beethoven, Liszt, Schumann, Weber, Paganini, Berlioz, Brahms and Stravinsky are among the other famed composers who have been closely

associated with the orchestra. It has been led by the world's finest conductors including von Karajan, Boehm, Kempe, Reiner, Abbado, Ozawa, Temirkanov, Rozhdestvensky and von Schuch, who conducted all the Strauss world premieres.

The orchestra has played throughout Europe, the U.S.S.R. and Japan and made its eagerly awaited U.S. debut in 1979. Everywhere it plays it receives the highest critical and audience acclaim. "Celebrated for their glorious sound" — Washington Post — is just one of many such acclaims.

The program is Sinfonia by Zimmerman, Concerto in A major for Harp and Orchestra by von Dittersdorf and Symphony No. 7 in A major, Opus 92 by Beethoven.

Groundwaves

By GRIMICE

Music, music and more music, that's what KMNR is all about. Twenty-four hours a day we strive to keep you tuned in to the latest of what's happening in the music world and to the music and trends that have brought us to where we are now. The merging of new and old; where else but 89.7 FM!

Tonight on the New Wave Show Kaptain Krotch will feature sides one and two of the Uptown Rulers' album "12 inches; 12." (If you were out and about two weeks ago, you might recall that they played at The Beat.) Also on the Kaptain's show will be an interview with a rising new band from Kansas City that has been making a name for itself lately. It has backed up such bands as Pat Benatar and Shooting Star with its refreshing rock 'n' roll. It is the Secrets and will be appearing for one show only tonight at The Beat.

For the artist feature of Monday the 21st, Pat Pollock presents three hours of Little Feat. Be sure to tune in for that!

Is jazz the place it's at for you? Well, we've got the scratch for your itch. Thursday night from 9-midnight and Sunday from 6-9 p.m. is where it's at.

Got a favorite you haven't heard for a while? Call Dave and his midweek crisis, 6-9 p.m. on Wednesday, or the

Gestus Requestus show on Friday nights from 9-midnight. And don't forget

what KMNR is all about — Music, music and more music.

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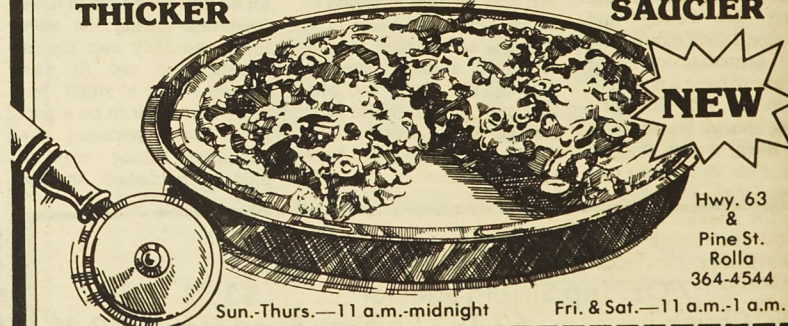
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Honors Week

from page 5

7:00 p.m.
Who : Professor Tom McKinney, Associate Professor of Music, University of Missouri-Columbia
Topic : "Music and Electronic Media"
Where : Centennial Hall West of the University Center
Sponsor: Music Faculty
 Wednesday, February 23, 1983

12:00 noon
Who : Dr. James Bogan, Associate Professor of Art, University of Missouri-Rolla
Topic : "Ozark Meanderings"
Where : Mark Twain Room of the University Center
Sponsor: Women At Work Series

3:30 p.m.
Who : Professor Zelby, Professor of Electrical Engineering and Computer Science, University of Oklahoma
Topic : "Selected Topics on Energy"
Where : Mark Twain Room of the University Center
Sponsor: Computer Science and Electrical Engineering Departments plus the Mid-America State Universities Association (MASUA)

7:00 p.m.
Who : Professor Zelby, Professor of Electrical Engineering and Computer Science, University of Oklahoma
Topic : Technology & Ethics
Where : Mechanical Engineering Auditorium
Sponsor: Computer Science and Electrical Engineering Departments plus the Mid-America State Universities Association

Thursday, February 24, 1983

3:00 p.m.
Who : Sigma Pi Sigma Honor Society
Topic : Initiation of New Members
Where : Fuller Library, Physics Building, Room 208
Sponsor: Physics Department

3:45 p.m.
Who : Sigma Pi Sigma Honor Society
Topic : Presentation of New Members of Sigma Pi Sigma and Physics Scholarship Recipients
Where : Physics Building, Room 104
Sponsor: Physics Department

4:00 p.m.
Who : Dr. Elizabeth Garber, Professor of Science History, SUNY-Stony Brook
Topic : "Mathematicians versus Physicists - Mechanics in Early Nineteenth Century"
Where : Physics Building, Room 104
Sponsor: History and Physics Departments

5:30 p.m.
Who : Phi Eta Sigma Honor Society
Topic : Initiation of New Members
Where : Mechanical Engineering Auditorium
Sponsor: Phi Eta Sigma Honor Society

6:00 p.m.
Who : Phi Kappa Phi Honor Society
Topic : Initiation of New Members
Where : Meremac Room of the University Center
Sponsor: Phi Kappa Phi Honor Society

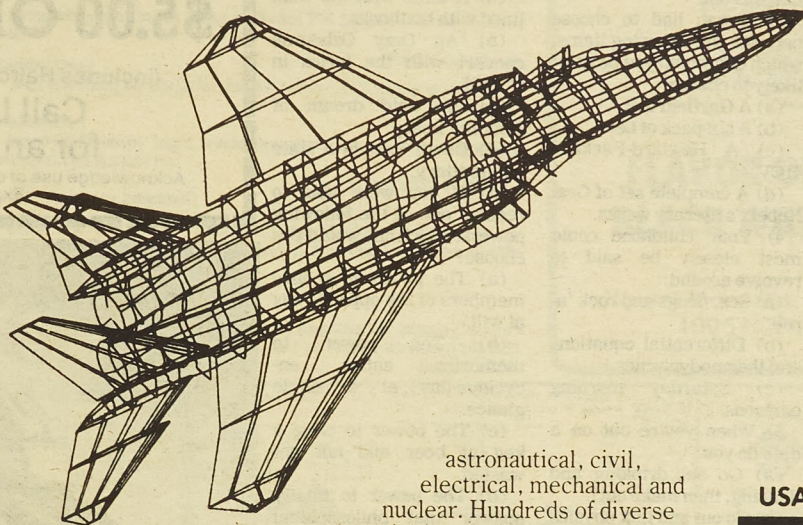
6:30 p.m.
Who : Students, Faculty and Guests
Topic : Honors Week Banquet
Where : Centennial Hall, University Center
Sponsor: Phi Eta Sigma, Phi Kappa Phi, Campus Honors Committee

8:00 p.m.
Who : Dr. David Summers, Curators Professor of Mining, University of Missouri-Rolla
Topic : "Most of the Change We Think We See in Life is Due to Truths Being In and Out of Favor." (Robert Frost, "Black Cottage")
Where : Centennial Hall, University Center
Sponsor: Phi Eta Sigma, Phi Kappa Phi, Campus Honors Committee

Friday, February 25, 1983

3:45 p.m.
Who : Professor Anil Baja, Professor Mechanical Engineering, Purdue University, Lafayette
Topic : "Flutter in Fluid/Solid Interaction Problems"
Where : 202 Engineering Mechanics Building
Sponsor: Mechanical Engineering and Engineering Mechanics Departments

ENGINEERING TAKES ON EXCITING NEW DIMENSIONS IN THE AIR FORCE.

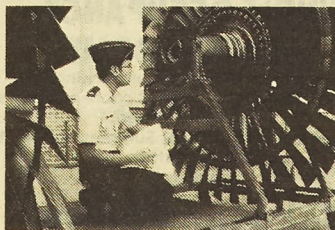


astronautical, civil, electrical, mechanical and nuclear. Hundreds of diverse specialties are included in a wide variety of work settings. For example, an electrical engineer may work in aircraft design, space systems, power production, communications or research. A mechanical engineer might be involved in aircraft structure design, space vehicle launch pad construction, or research.

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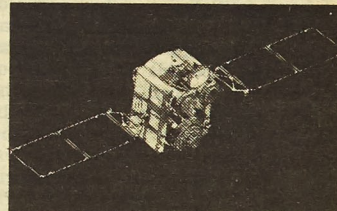
8 CAREER FIELDS FOR ENGINEERS



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Artist's concept of the DSCS III Defense Satellite Communications System satellite. (USAF photo.)

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To learn more about how you can be part of the team, see your Air Force recruiter or call our Engineer Hotline toll free 1-800-531-5826 (in Texas call 1-800-292-5366). There's no

SECRETARY OF THE MONTH

GLENDIA HENSON
 Secretary to Robert Myers, State Land Surveyor, Department of Natural Resources.

SECRETARIES' CORNER:
 Next meeting February 8, 1983. Structured Meeting—PSI, 6:30 P.M. Land Survey Building.

FOR GRADE SCHOOL AND JUNIOR HIGH:

What do you call the last three hairs on a dog's tail?
 Answer: _____
 Name: _____
 Fill out and give to manager with a bag of fries.

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This week's quiz

Are you a Nerd?

By DR. DARREN
HAVERSTICK

You've heard the term many times: nerd. What does it mean and what does it say about your personality? Over the years, I have conducted studies in research to try to answer these questions. I have compiled and analyzed a large quantity of data during the course of these studies and I have found a very distinct behavior pattern for that creature known as the nerd.

A nerd is the epitome of specialization. He or she will be totally engrossed in one specific area of life. Usually the term is applied to those who devote their entire lives to studying and other school related activities. However, you can be a nerd in just about anything. Once you devote all your time to one particular facet of life you become a nerd. Look around you. They are everywhere. There are computer nerds, car nerds, fantasy game nerds; I even know a grocery store nerd.

Nerdism is easy to spot and, if caught early, can be cured with little or no permanent damage done to the person. If you find yourself studying during parties, playing with calculators, or subscribing to Scientific American you could be on the verge of becoming one of these pitiful souls.

I have developed a self-test to help you find out how much nerd potential you possess. Because this is a university newspaper, this test is designed to measure only your academic nerdness. The test is listed below. Answer the multiple-choice questions with the answer that most closely matches your own. Keep track of your answers. After you are done, tally your score by matching your answers with the appropriate point value assigned to each one. Take your total score and find what bracket you fall into. Please answer truthfully.

- 1) Hypothetical case: Suppose you decide to attend a university that has a high men-to-women ratio. Which one of the following would be the most likely reason for choosing this school?
- (a) You're a guy and you're homosexual.
(b) You're a girl and you're not homosexual.
(c) You like the math and presents three hours of Little Feat. Be sure to tune in for that!

Is jazz the place it's at for you? Well, we've got the scratch for your itch. Thursday night from 9-midnight and Sunday from 6-9 p.m. is where it's at.

Got a favorite you haven't heard for a while? Call Dave and his midweek crisis, 6-9 p.m. on Wednesday, or the

science curriculum offered at this school.

(d) Your parents made your choice.

2) You're given a pencil and a blank piece of paper. What would you be most likely to do?

(a) Draw a reproduction of Michelangelo's work in the Sistine Chapel.

(b) Write a philosophical doctorate on the problems of Christianity.

(c) Fold the paper into a dodecahedron and rotate it using the pencil as its axis.

(d) Eat the paper and throw the pencil at somebody.

(e) Write why you hate doing things that pertain to silly psychographic quizzes like this one.

3) If you had to choose between the following items, which one would you be most likely to choose?

(a) A Garfield doll.
(b) A six-pack of beer.
(c) A Hewlett-Packard 41CV.

(d) A complete set of Oral Robert's literary works.

4) Your childhood could most closely be said to revolve around:

(a) Sex, drugs and rock 'n' roll.

(b) Differential equations and thermodynamics.

(c) Saturday morning cartoons.

5) When you're out on a date do you:

(a) Go out drinking and dancing, then make out?

(b) Go out and talk physics in fortran, then make out?

(c) Just go and make out?

(d) None of the above?

6) When you look at your wardrobe what are you most likely to see?

(a) Oxford, top siders and designer jeans.

(b) Plaid shirts or skirts, slacks with special belt loops for your calculator and slip-on leather shoes.

(c) Levis, concert T-shirts and Converse high-top basketball shoes.

7) Your favorite food most closely resembles:

(a) Pizza and beer.
(b) Steak and baked potato.

(c) Captain Crunch and toast.

(d) Quiche and salad.

8) If you had some time to yourself what would you most likely spend your time doing?

(a) Listen to AC-DC at full volume and drink a keg of beer.

(b) Read a book and quietly contemplate the cosmos.

(c) Read a calculus book then correct the mistakes in it.

9) Your study environment most closely resembles:

(a) A tomb with the wall lined with textbooks.

(b) An Ozzy Osbourne concert with the lyrics in COBOL.

(c) An acid dream of Timothy Leary.

(d) Death Row in a state penitentiary.

10) If you were able to receive one of the following powers, which one would you choose?

(a) The power to seduce members of the opposite sex at will.

(b) The power to memorize entire encyclopedias at a single glance.

(c) The power to chug a keg of beer and not get wasted.

(d) The power to finally answer that philosophical question of why the chicken crossed the road.

Answers: Number values represent points assigned to that answer.

1) A-2 B-1 C-5 D-3

2) A-3 B-4 C-5 D-1 E-2

3) A-2 B-1 C-5 D-4

4) A-2 B-5 C-1

5) A-3 B-5 C-1 D-2

6) A-3 B-5 C-1

7) A-2 B-3 C-1 D-5

8) A-2 B-4 C-5

9) A-5 B-3 C-1 D-2

10) A-3 B-5 C-1 D-4

10-15 — You are definitely not a nerd, nor will you ever become one. In fact, you probably had a hard time training your attention on this quiz long enough to take it. Your days are spent in a drug-induced euphoria, listening to loud rock music.

16-27 — You are the average type person. You party, have a good time and still study enough to keep from getting into grade trouble. Your nerd potential is slight. You might get a sudden urge to be an honor student but blow it off.

28-41 — You have the definite potential for becoming a nerd. You are classified in the BMOC (Big Man On Campus) section of the academic society. You dress sharply, study hard and have a strong desire to wear green or gray jackets. If you continue your struggle for social stardom you will eventually become a nerd. Good grades aren't everything. Slip off those top-siders. Unbutton that polo. Relax and think of the last time you knew of a nerd who was also a BMOC. See what I mean? Don't lose

what you've got.
42-50 — You are positively, most definitely a nerd. Your idea of a good time is writing a term paper. Your only friends are your calculator and maybe another nerd. You're about as exciting as a corpse and about as interesting as a dictionary. I feel sorry for people in this category. You need help desperately. Please contact a psychiatrist before it's too late.

Dr. Darren Haverstick is an authority on nerdism and other related mental disorders.

Hair It Is 364-7130

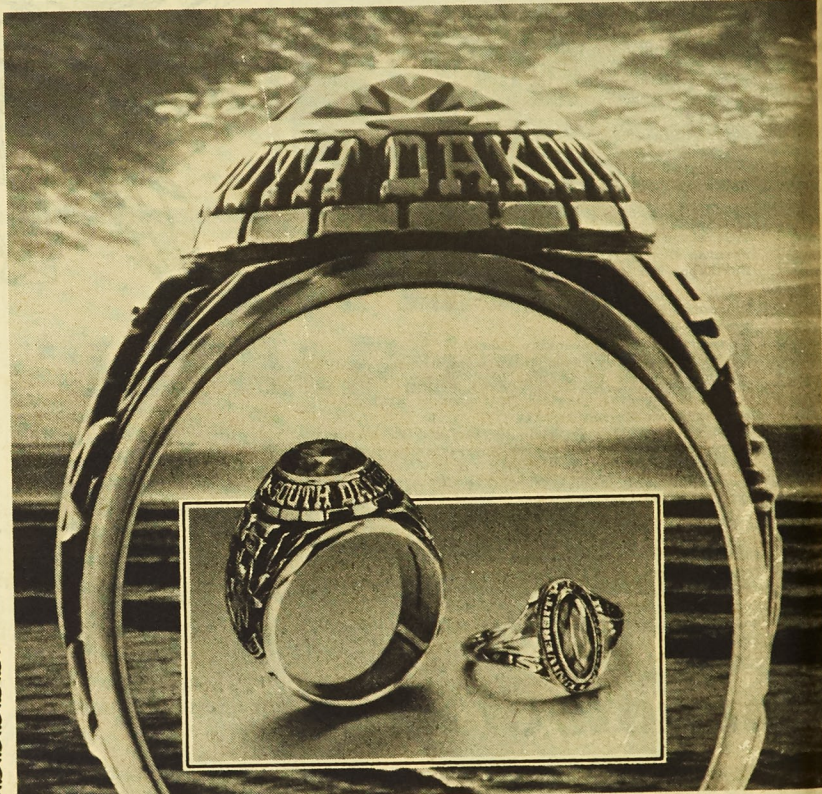
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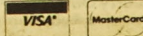
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 •The MINER will not print the combination of first and last names.
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 •The MINER reserves the right to edit or to refuse publication of any classifieds that its staff finds offensive or libelous.
 Classifieds should be submitted by 9 p.m. the Monday before the issue in which it is to appear.

Lost: One pair of black, two-finger mittens and a Coors® sock hat in Room 118 of M.E. Building, Monday, Feb. 7. They look too silly to wear and they're possibly dioxin-contaminated, so... A REWARD OF FIVE U.S. DOLLARS will be exchanged for their safe return. No questions asked. Call 364-8285.

Found: On UMR Golf Course red key ring with UMR Quad key and others. To claim call 364-0256.

Will the owner of the green VW Rabbit with New Hampshire license plates 841950 please call Racecar at 364-9957. He is looking for a ride to Vermont.

For Sale: Alvarez classical guitar with case and new strings. Call 364-6230 after 6 p.m.

For Sale: Brand new HP-41CV calculator — never been used. \$225. Call 364-2775.

TDK SA C-90 cassette tapes. \$2.50 each. Minimum 10 tapes. For more information or to order, call 364-1490 and ask for Bob or Joe.

We need a roommate for the rest of the semester! House is five blocks from campus, can have own room if so desired, six-room house with basement garage. \$65/month plus utilities. Call 364-0049 anytime.

Found: Watch at 11th and Oak streets. Call University Police to identify.

To TLC,

The Women of Thomas Jefferson would like to express our deep gratitude for the lovely roses we received on Valentine's Day. They brightened up our rooms as well as our hearts.
 P.S. Who are you?

To the guy with charisma,
 Roses are red,
 Violets are blue
 I wrote you a classified last week,
 But it didn't get printed.
 Happy Late Valentine's Day!!

From the girl with the Blind Frog

To the Brothers of Kappa Sigma,
 Thanks for everything this weekend. I'm proud to be your sweetheart.

Wanted: Interested person(s) to write sports for the MINER. Experience helpful, varsity athlete(s) preferred. Contact Larry Tipton at 364-9783.

Hey Murf,
 You're almost a quarter-of-a-century old and it's beginning to show — especially when you start catnapping in class. Start looking forward to that fateful day!

C. and C.

In reply to the girls who complained about the lack of nice guys: just because a guy does not find an overweight girl attractive doesn't mean that he's not nice.

To the Men of Phi Kappa Theta,
 Thanks for the flowers! Cling, Clang and the other one.
 P.S. Hey Lumber, cute haircut!

C.M.,
 Take me out sometime and leave your conscience at home.

P.J.

To Lindell H.,
 How about another wild one.

With deepest appreciation,
 All the Girls

Sabre,
 You are the girl I've always dreamed of and hoped you would always be mine. May we always be happy for the rest of our lives. Thank you for saying "YES" and making me the luckiest guy in the world.

My love forever,
 JJ

Love, Rastas

Congratulations to the JBAs of Sigma Phi Epsilon. We're proud of you!

The Golden Hearts

Sandra Dee,
 B-ill is waiting for his letter and his picture. It's lonely at sea.

Bluesweater

Hafastick,
 On a HOT soapy night would you give your love to a beautiful woman? No! Again? No!

Your Fellow R.R.B.P.'s

P.S. Piggy is a knockout!

Come see the movie "Deceived" this Friday at 7 p.m. in the Missouri Room of the Student Center. It is about Jim Jones and the People's Temple. Admission is free.

To the students of UMR,
 Time is running out! Get your band together for Sigma Chi Mu's AIR BAND CONTEST, Friday, Feb. 25. For registration, call 365-1433.
 Sigma Chi Mu

Have tests and homework got you down? Do you wish St. Pat's was already here? Well head over to Campus Club, 1304 Pine St., on Saturday, Feb. 19, for a COUNTDOWN TO ST. PAT'S — GREEN PARTY. Get psyched for the diamond jubilee from 8 p.m. — ??? Plenty of refreshments and good tunes will be on hand, so come on out and get ready for the 75th.

BISCUITS-N-GRAVY

Sigma Pi Little Sisters are serving biscuits and gravy Saturday, Feb. 26, from 10 p.m.-1 a.m. Tickets, available from little sisters and Sig Pi's, are \$1.50 in advance and \$2 at the door.

SILVER STAR

On Friday, Feb. 18, Sigma Phi Epsilon will present the band Silver Star from 8 p.m.-1 a.m. at the St. Pat's gym. Admission will be \$2.50 and free refreshments will be provided.

KME PIZZA PARTY

KME will hold its annual pizza party from 4-6 p.m. Sunday, Feb. 20, at Godfather's. All KME members and initiates are encouraged to attend. Also all faculty members and their spouses are invited. Cost is \$3 per person at the door.

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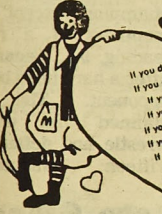
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 the girl?




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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
FEBRUARY  1983 McDonald's of Rolla Calendar of Events	McDonald's Golden Arches Club Members will receive a FREE classified ad in Outlook and Shoppers Guide. Present Golden Arches Club Card for free classified ad.	CALL OF THE WILD NIGHT Wolf howl-win a bag of fries. Tarzan yell-win a burger. Coyote howl-win a breakfast. 6 p.m. to 9 p.m. "Blue birds of happiness are known to each bus, that comes to McDonald's and are served by us."	BUBBLEGUM NIGHT 1" bubble-win a bag of fries. 3" bubble-win a burger. 5" bubble-win a breakfast. 6 p.m. to 9 p.m. Don't be contrary. Think McKib's in February.	HULA HOOP NIGHT 1 hoop-win a bag of fries. 3 hoops-win a burger. Senior Citizen. 1 hoop-win a breakfast. 6 p.m. to 9 p.m. "At Rolla, Sullivan and Fort Leonard Wood, McDonald's popularity easily understood."	GOLDEN ARCHES CLUB Archie (GA-110). In Texas everybody's a gentleman. Bill (GA-111). Really. No ladies at all?	DAVE'S BARBER SHOP (Rolla's Clip Joint) Dave: "My uncle made a speech from a platform. The platform gave way. Lloyd: "Did he get hurt?" Dave: "No. Luckily, the rope around his neck broke the fall."
UMR MEAL PLAN Louise Marchello: "Who was that man I saw you kissing last night?" Lynn Wagoner: "What time was it?"	SLOGAN NIGHT "Two all beef patties, special sauce, lettuce, cheese, pickles, onions on a sesame seed bun." Say it in 2 seconds-win a bag of fries. 6 p.m. to 9 p.m.	LAUGH NIGHT Laugh for 30 seconds-win a bag of fries. Laugh for a minute-win a burger. 6 p.m. to 9 p.m. "Travel the highway late at night, the arches are lit... what a great sight."	BUBBLEGUM NIGHT 1" bubble-win a bag of fries. 3" bubble-win a burger. 5" bubble-win a breakfast. 6 p.m. to 9 p.m. "McDonald's Fish O'Filet, a meal that makes a pleasant day."	HULA HOOP NIGHT 1 hoop-win a bag of fries. 3 hoops-win a burger. Senior Citizen. 1 hoop-win a breakfast. 6 p.m. to 9 p.m. "It's a sin to tell lies. McDonald's sells the world's best fries."	Margaret (Oak Meadow) famous chef. How's the food? Tom Zalas: "I could get more nourishment biting my lip."	Bob Ballenger: "You always cook more than we can eat." Ruth Ballenger: "How could I economize with leftovers if I didn't?"
UMR MEAL PLAN Louise Maggi: "My little peach." Vincent Roach: "My little plum." Minister: "I now pronounce you fruit salad."	SLOGAN NIGHT There's more in the middle of an Egg McMuffin® than an egg in the middle of a muffin. Say it in 2 seconds-win a bag of fries. 6 p.m. to 9 p.m.	LIARS NIGHT So-So Fib-win a burger. Classic Fib-win a breakfast. 6 p.m. to 9 p.m. "Kneel to her - place the ring, off to McDonald's - watch her sing."	BUBBLEGUM NIGHT 1" bubble-win a bag of fries. 3" bubble-win a burger. 5" bubble-win a breakfast. 6 p.m. to 9 p.m. In times like these, to budget is smart. McDonald's save a great part.	HULA HOOP NIGHT 1 hoop-win a bag of fries. 3 hoops-win a burger. Senior Citizen. 1 hoop-win a breakfast. 6 p.m. to 9 p.m. "Play a hunch, see the bunch at McDonald's, for their lunch."	Ivanna Harris tiptoed silently into Terry Harris' office, sneaked behind him, put her hands over his eyes and said: "Guess who?" Terry shouted: "There's no time for fooling around. Now get those letters out!"	Diane Sanborn: "How could you have a son that age?" Betty Franz: "I didn't. When I had him he was just a baby."
UMR MEAL PLAN John Edgar: "Got anything to say before I fire you?" Dwayne Miles: "Yeah, how about a raise?"	SLOGAN NIGHT Choosey cheese choosers always say cheese please when they choose the cheese in the cheeseburgers at McDonald's. Say it in 2 seconds-win a bag of fries. 6 p.m. to 9 p.m.	WHISTLER'S NIGHT Wolf whistle-win a bag of fries. Whistle Dixie-win a burger. 6 p.m. to 9 p.m. "Meal for two - McDonald's for you. Who knows too - the shadow do."	BUBBLEGUM NIGHT 1" bubble-win a bag of fries. 3" bubble-win a burger. 5" bubble-win a breakfast. 6 p.m. to 9 p.m. "Life can be happy. Life can be cruel. Take them to McDonald's after a hard day at school."	HULA HOOP NIGHT 1 hoop-win a bag of fries. 3 hoops-win a burger. Senior Citizen. 1 hoop-win a breakfast. 6 p.m. to 9 p.m. "Chicken McNuggets dipped in honey, makes your personality pleasant and sunny."	After the examination Doc Jim Myers handed Rick Weaver a prescription and said: "Take this medicine after each meal." "But Doc," confessed Rick Weaver, "I haven't eaten in four days." Doc Myers: "Fine. The medicine will last longer."	Naomi Key, extremely curious, asked dentist Henry Antolak: "How is it that the little hole in my tooth feels so big to my tongue?" Doctor Antolak: "Well, you know how a woman's tongue exaggerates."
UMR MEAL PLAN Micki Stout: "Sneeze the other way." Tom Barr: "I don't know any other way."	TONGUE TWISTER NIGHT I of 3 win a bag of fries. Right 1st time-win a breakfast. 6 p.m. to 9 p.m. "Fridge is broken - pantry is low, McDonald's drive thru - it's a go-go."	BIRTHDAY PARTIES We cater to all ages. No fuss! No muss! Call us! 341-2180, ask for mgr. McDonald's birthday cakes available for home parties.	FEB. CREW BIRTHDAYS 2. Christy Bullock 6. Gerald Shackelford 12. James Finkley 16. Rhonda McLain 21. Caroline Rasmussen 22. Diane Classen 22. Helga Luntford 24. Jazdra Mazurkiewicz 28. Patrick Doyle	STONE/SIGN Amethyst Aquarius Amethyst Aquarius Amethyst Aquarius Amethyst Aquarius Amethyst Pisces Amethyst Pisces Amethyst Pisces Amethyst Pisces	SECRETARIES Right answer wins a breakfast: Answer _____ Fill out, give to mgr. 1 winning entry per mo.	SECRETARIES' CORNER: Next meeting February 8, 1983. Structured Meeting—PSI. 6:30 P.M. Land Survey Building. FOR GRADE SCHOOL AND JUNIOR HIGH: What do you call the last three hours on a dog's tail? Answer _____ Name _____ Fill out and give to manager - win a bag of fries.

Congratulations UMR Coach Bill Key for his 500th victory 1-19-83 vs UMIS!

UMR VARSITY SPORTS HOME GAMES
 Men's Basketball: McDonald's Tug-O-War - Halftime all games—Feb. 2: Central Mo. - 8 P.M. — Feb. 5: Lincoln - 8 P.M. — Feb. 12: NW Missouri - 8 P.M. — Feb. 19: Harris Stowe - 7:30 P.M. — Feb. 26: NE Missouri - 8 P.M.
 Women's Basketball: McDonald's Women B. Ball Relay Tournament - Halftime all games. Feb. 2: Central Mo. - 5:45 P.M. — Feb. 5: Lincoln - 5:45 P.M. — Feb. 12: NW Missouri - 5:45 P.M. — Feb. 26: NE Missouri - 5:45 P.M.

ROLLA HIGH SCHOOL HOME VARSITY GAMES:
 Boys' Basketball: McDonald's Shoot Out - Halftime all games—Feb. 1: Central 6:30 P.M. — Feb. 11: Sedalia 6:30 P.M. — Feb. 15: Waynesville - 6:30 P.M. — Feb. 22: West Plains - 6:30 P.M. — Feb. 25: Salem - 6:30 P.M. Winners of Weekend for Two at Tan-Tar-A Resort to be announced.
 Girls' Basketball: McDonald's Shoot Out - Halftime Feb. 21: Owensville - 6:30 P.M.

NEWBURGH HIGH SCHOOL HOME VARSITY GAMES:
 Boys' Basketball: McDonald's Shoot Out - Halftime—Feb. 11: Dixon - 6:30 P.M. — Feb. 22: District Tournament.
 Girls' Basketball: McDonald's Shoot Out - Halftime—Feb. 17: Waynesville - 6:30 P.M. — Feb. 7:12 Newburg Tournament Feb. 22:26 - District Tournament.

JOHN F. HODGE HIGH SCHOOL VARSITY HOME GAMES:
 Boys' Basketball: McDonald's Shoot Out - Halftime all games — Feb. 8: Rolla - 6:30 P.M. — Feb. 11: St. Clair - 6:30 P.M. — Feb. 18: Pacific - 6:30 P.M.
 Girls' Basketball: Feb. 17: St. Clair - 6:30 P.M.

SALEM HIGH SCHOOL VARSITY HOME GAMES:
 Boys' Basketball: McDonald's Shoot Out - Halftime all games—Feb. 4: Gainesville - 6:30 P.M. — Feb. 5: Ava - 6:30 P.M. — Feb. 8: Cabool - 6:30 P.M. — Feb. 15: Bunker - 6:30 P.M. — Feb. 18: Houston - 6:30 P.M. — Feb. 22: Waynesville - 6:30 P.M.

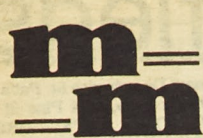
Girls' Basketball: Feb. 4: Gainesville - 6:30 P.M. — Feb. 7: Viburnum - 6:30 P.M. — Feb. 17: Licking - 6:30 P.M. — Feb. 21: Houston - 6:30 P.M. — Feb. 24: West Plains - 6:30 P.M.

MARIES R-1 SCHOOLS VARSITY HOME GAMES:
 Girls' Basketball—Feb. 7: Crocker - 6:30 P.M.
 KUAR Crocker - Music by School of the Ozarks - Jan. 22 - 7:30 P.M. 11:30 P.M. - Centennial Hall UMR

SECRETARY OF THE MONTH
GLENN HENSON
 Secretary to Robert Myers, State Land Surveyor, Department of Natural Resources.

SECRETARIES' CORNER:
 Next meeting February 8, 1983. Structured Meeting—PSI. 6:30 P.M. Land Survey Building.

FOR GRADE SCHOOL AND JUNIOR HIGH:
 What do you call the last three hours on a dog's tail?
 Answer _____
 Name _____
 Fill out and give to manager - win a bag of fries.



Miners miss Gibson; drop two

By SCOTT WHITE

While Curtis Gibson took "MIAA Conference Player of the Week" for his performance in the CMSU and Lincoln games last week and remained atop the conference scoring stats, the Miners struggled through games with UMSL on Wednesday and Northwest Mo. State on Saturday.

On Wednesday UMR traveled to St. Louis for an 8 p.m. contest with University of Mo.-St. Louis. The Miners were firmly trounced 80-67 on the strength of a balanced attack by UMSL. Ten players figured in the scoring for UMSL with Bob McCormack leading the way with 18 points.

With the absence of Curtis Gibson, Mark Zarr topped the Miners' scoring with 18 points. Rickie Cannon followed with 13 points and Kent Dinsdale chipped in 10 points. Mark Zarr led all rebounders with 13 for the game.

UMSL jumped off to an early lead and finished the first half ahead 42-35. UMSL increased its lead in the second half to finish the game on top 80-67.

On Saturday the Bearcats of Northwest Mo. State traveled to Rolla to take on the Miners in an 8 p.m. contest. After the Bearcats

jumped out to a 10-point lead the Miners decided to start playing basketball on the strength of 10 first half rebounds by Curtis Gibson and finished the first half down 27-18.

The second half saw the lead change hands nine different times as the Miners and the Bearcats battled it out down to the final second. The Miners caught fire in the second half and heated up their shooting hand connecting on 65 percent from the field after a poor 31 percent in the first half. Stan Schuemaker and Rickie Cannon led the Miners in the second half with 12 and 11 points respectively.

The Miners found themselves in the lead at 55-52 with 1:33 remaining in the game before two 18-foot baskets by Rick Owens and Victor Coleman put the Bearcats on top to stay at 56-55 with 0:48 left. UMR had its chance to win the game with one second left on the clock as Rickie Cannon took a 15-foot jump shot that missed.

The loss was the Miners' second in a row in conference play. Rickie Cannon led the Miners in scoring with 18 points, followed by Stan Schuemaker with 12 and Curtis Gibson with 11 points and 11 rebounds.

The Miners record now stands at 12-10 and 3-6 in

conference play. The Miners return to action on Wednesday against Southeast

Mo. State at Cape Girardeau. On Saturday they host Harris-Stowe College in a



Bruce West

TKE and Newman demonstrate the high five in intramural action.

7:30 p.m. contest at Gale Bullman Multi-Purpose Building. The Miners have two home games remaining

on the schedule on Feb. 19 and 26 so don't miss your chance to see the Miners in action.

Wrestlers

Third in MIAA

By MARK A. COOK

The wrestling Miners finished third in the Missouri Intercollegiate Athletic Association wrestling championships last Saturday in Warrensburg on the CMSU mats. The MIAA crown was taken by CMSU, usually a nationally ranked Division II team in wrestling. Taking second was Northwest (NWMSU) and bringing up the rear in last place was Northeast Missouri St. U.

The wrestling Miners had an up-down week prior to the conference tournament. The team was blasted 40-8 by Division I powerhouse SMSU on Feb. 2, but then the wrestlers bounced back by massacring Division II doormat Washington University 57-0, and beating William Jewell 40-10. The highlights of these victories included: Scott Chalmers actually getting back points — while winning twice, Greg Schoenberg winning a match 47-2 and Jeff "Lipineser" Maddox a second-period pin against Washington U.

The Miners' final regular season record of 6-7-1 tells

the story of the team. The team which was very strong in the lower five weight classes should be stronger next year and the overall record improved to above the .500 mark.

The conference meet had some great performances by the Miner wrestlers. Jeff Maddox 167, who got tougher as the season progressed, beat Sam Williams, of CMSU, and took a silver medal. Jeff will be a senior next year. Greg Schoenberg, the leading winner of the team with 17 victories, took a silver after a close 5-3 loss in the finals against CMSU. Also taking second were Chris Colona at 134 and Jim Siekmann at 142. Jim Siekmann would have been champion except for the ineptness of a ref. Jim leading 9-6, became dizzy after a hard head butt by his opponent. The referee claimed Jim unable to wrestle and defaulted him. Fifteen minutes

see Grapplers
page 15

Ladies on the rebound

Last week the UMR women's basketball team had a full schedule as they played two road games on Monday and Wednesday, then finished off with a home game Saturday. Although the team dropped all three games, there were encouraging signs in the last

game that it's coming out of its slump. The women's record now stands at 7-13. Their 0-9 conference mark is evidence of the top-level play in the MIAA.

Monday's game against Southwest Baptist exhibited the current status of the team's play as they were

defeated by a 68-82 score. Before the semester break UMR had beaten SBC 77-64 in what Coach Schulte had labeled the best game of the still young season. In Monday's game the Lady Miners had balanced scoring, with Barb Howard and Kim Murphy on top with

14 and 11 points respectively. Offense didn't seem to be the problem, rather they were unable to stop four of the SBC players from getting

see Ladies
page 15

Swimmers vs Mizzou

This Saturday, Feb. 20, the UMR Miner swim team will take on the University of Missouri Columbia Tigers in a dual meet at the Gale Bullman Multi-Purpose Building. The Miners will be

out to beat the Tigers in an effort to even up for a loss the Miners suffered from the Tigers earlier this season. Come show your spirit and root the Miner team onto another victory.

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Intramurals into home stretch

Men's

With the springlike weather, can softball be far away? Basketball, tug-of-war and handball are all moving into the home stretch as teams strive for the playoffs.

In men's basketball, Sigma Nu, GDI and BSU are the only unbeaten teams left

as MHA East, PIKA, KA Psi, Delta Tau Delta and AE Pi all fell victims to defeat last week. A full slate of action is being played this week. Standings and playoff picks will be in next week's issue.

Intramural tug is now in the semifinals as this Saturday night Kappa Sig tugs Sig Nu while Sig Pi squares off against Sig Chi

Mu.

Softball is now only three weeks away as play will be getting under way March 8. Also, a reminder to the IM wrestlers that your blood pressure must be checked at the Infirmary March 1-4 anytime between 10 a.m. and 3 p.m. Weigh-ins will be held at the Gale Bullman Multipurpose Building March 6 from noon-2 p.m.

Women's

First off, in the McDonald's basketball layout

relay the field has been narrowed down to two finalist teams. At halftime of the Feb. 26 varsity women's game TJHA and RHA will fight it out for the 1983 title (and for \$30 worth of McDonald's gift certificates).

In last week's games, KD and RHA continued their domination of League II by scoring victories over GDI and Chi O., respectively. ZTA and AWS advanced their ranking in the League I standings, defeating TJHA and Wesley in their

respective games.

Until next time, you might want to start getting your

softball rosters together. That time of year is approaching fast.

M-Club

Athlete of the Week

SUBMITTED BY
M-CLUB

M-Club's Athlete of the Week for this week is varsity swimmer Chris Aria. In this past week's meet Chris qualified nationally in the

100-meter backstroke with a time of 54.17 seconds. In the 200-meter backstroke, Chris placed a time of 1:56.74, a new school record and the second fastest time in the nation this year.

Great work Chris!

Grapplers

from page 14

discussion with Coach Keeton still could not change the decision of the referee. Taking third places in the conference were brothers Mark (118) and Raymond (158) Weston and senior Scott Chalmers. Scott was a fine wrestler with 15 wins

and the team leader all year as Captain Chalmers' unique wrestling style of stalling matches will be missed by the team.

Next for the wrestling team is the trip to Kenosha, Wis., for the national qualifier. GO MINERS!!

Ladies

from page 14

into double figures.

Wednesday's game was also a rematch from earlier in the season, that the Miners dropped. In last week's game, the Riverwomen of UMSL came out of a home court slump with a hot streak that blasted the Miners, with an 89-54 score. UMR's consistent trouble with the full court press haunted them again as they gave up 35 turnovers (to UMSL's 13). The St. Louis team capitalized on every opportunity, too, as they put five players into double figures with 68 points between them. For UMR, Terry Bond put in 16 points' worth and Laurie Behm went 6-for-7 for 14 points in the game.

It was Saturday that the team started to show signs of promise. Although the scoreboard at the buzzer read UMR 65, NW Missouri 82, the game was really much closer than 17 points. The Miners were only nine points down at the half and battled up to within one point of their opponent twice in the second half. With 7:12 left in the game the score was 58-59 — Northwest. Two and a half minutes later the gap had jumped to 14. According to Coach Schulte the team just "ran out of gas." She wasn't very disturbed by this event, she was glad to have played the Maryville team so close. Northwest is third in the MIAA and was nationally ranked early in the season.

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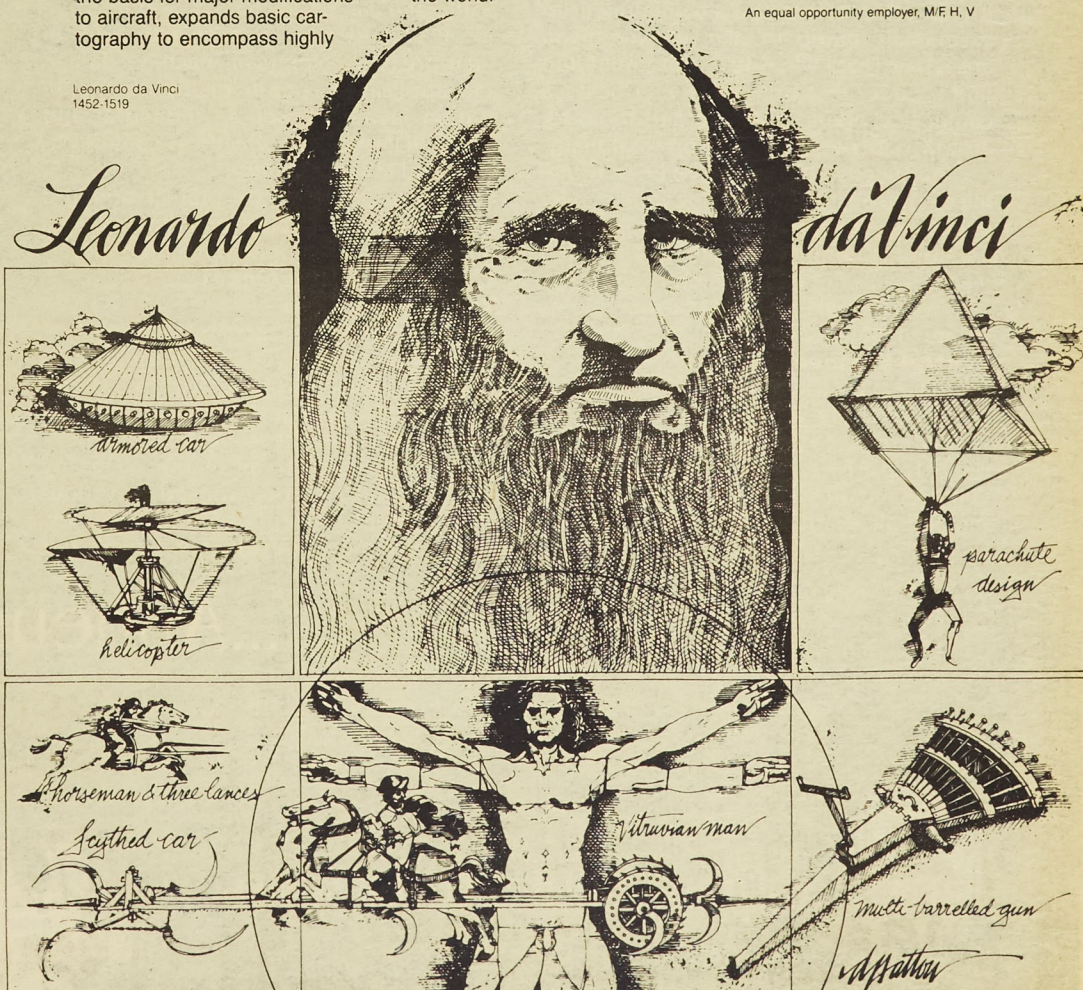
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