



03 Dec 1981

The Missouri Miner, December 03, 1981

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1981

For Pedestrian Safety

"Walk Your Bike"

By KEVIN FARRELL

Signs were posted at most of the entrances to the campus a few weeks ago. These signs said "Walk Your Bike" in bold letters and had a picture of a person on a bike in the center of a red circle with a diagonal bar across the circle.

These signs popped up suddenly and without notice. Many bicyclists felt as though it was a personal attack. Some of them responded by riding defiantly through campus. A small number of them walked their bikes. This activity lasted until many of

the signs disappeared. Now everyone rides their bike through campus as before.

Dr. Charles Dare is the head of the Traffic Safety Committee here at UMR. According to Dr. Dare, this whole thing started last year when bicycles were becoming potentially hazardous on the sidewalks. Dr. Dare points out that there have been some collisions reported. The Traffic Safety Committee intended to reduce the possibility of accidents at critical locations.

The committee did not want to deny bicycle commuters a place to park on campus. Dr. Dare and the

Traffic Safety Committee had planned to have concrete pads installed with new bicycle racks at the entrances to the campus. The signs were supposed to be installed after the racks. It was hoped that available parking for bikes at the entrances to campus would discourage riding on campus.

The physical plant people had the signs installed without bike racks and without notifying the Traffic Safety Committee. No explanatory statement was released and most of us were a bit confused about the origin and meaning of the

"Walk Your Bike" signs.

Some people thought that the signs didn't belong on campus. They removed many of them for whatever reason. Even though the signs are gone the problem isn't.

Dr. Dare's main concern is for pedestrians but there is also a possibility of a collision between two bicycles. He says that some cyclists are concerned with safety and some are not. Cyclists who ride close to doors and cut around blind corners assuming no one is on the other side have made it necessary to restrict bicycle traffic on campus.



"WALK YOUR BIKE" signs appeared on campus in the interest of pedestrian safety. The signs, which have dissappeared, were part of a plan that included installing new bicycle racks set in concrete to insure safety.

(Photo by Hardesty)

Missouri Miner

For the students of UMR

Volume 70, Number 14

Thursday, Dec. 3, 1981

Twenty Pages

Dr. Bloomer will lecture at UMR

Dr. Richard R. Bloomer, Distinguished Lecturer sponsored by The American Association of Petroleum Geologists, will address a meeting of the C.L. Dake Geological Society on Tuesday, Dec. 8, 1981. The meeting will be held at 7:00 p.m. in Norwood Hall, room 305.

Dr. Bloomer will speak to approximately 30 geological societies and universities while on tour for AAPG. The title of his paper is, "DEPOSITIONAL ENVIRONMENTS AND RESERVOIR MORPHOLOGIES OF CHANNEL

SANDSTONES."

Dr. Bloomer received his Ph.D. in Geology in 1949 from the University of Texas. Since then he has worked as an Instructor and Research Geologist for the University of Texas, an Exploration Geologist for Carter Oil Company

(Exxon), a Professor of Geology at Hardin-Simmons University, and is presently an Independent Geologist. Dr. Bloomer belongs to several organizations, including: The American Association of Petroleum Geologists, The Geological Society of America, The Society of Economic Paleontologists and Mineralogists, and The American Institute of Professional Geologists.

The lecture is open to the public, and refreshments will be served.



A Visit To A Small Planet was the UMR Theater Department's production for this semester. The production played three nights to nearly capacity crowds at the Cedar Street Center.

(Photo by Wellington)

Final Exam Schedule Changed

-See box on page 3-

There are two changes from the schedule originally submitted.

The Mathematics 21 and 22 final is scheduled from 1:00 to 3:00 on Monday, December 14, and only Life

Science 1, Section B will be examined on Tuesday,

December 15. The Life Science, Section A final will be held at the time designated under III Regular Finals.

NEAS Will Test at UMR

SOURCE: OPI

The 1982 National Engineering Aptitude Search (NEAS), a testing program that helps students determine their aptitudes and qualifications for studying engineering, will be given at the University of Missouri-Rolla Saturday, Feb. 27.

The test is sponsored by JETS (Junior Engineering Technical Society) a non-profit organization that promotes interest in engineering, technology and science among high school students.

The examination consists of a series of tests in

mathematics, science reading and mechanical reasoning, along with a personal inventory. Students who take the test will receive personal reports of their results accompanied by an explanation which will enable the student to analyze his or her own score.

Anyone can participate in the NEAS, but it is specifically designed for students in grades 9 to 12 inclusive. Bayless says that students should take the test as early as possible in their high school careers so that they can take the math and science courses necessary for scientific or technical study.

"Ninth and tenth graders with an interest in technical or scientific careers are especially encouraged to take the test," he said. "Many students who plan careers in engineering or related fields make career decisions early in high school.

"Engineering graduates with bachelor's degrees continue to lead in the number of job offers received," Bayless added. "Although they comprised only 7 percent of last year's class, engineering graduates received 65 percent of all offers. Average starting salaries ranged from \$1,775 to \$2,221 per month."

Calendar Of Events Calendar Of Events Calendar Of Events Calendar Of Events Calendar

Editor's Note: If your organization is having a meeting, turn in details to the MINER office in Building T-1 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

REGULAR MEETING OF PHI ETA SIGMA

Thursday, Dec. 3, a regular meeting of Phi Eta Sigma will be held in G-5 H-SS at 7:00. Actives and pledges are urged to consider holding office before the officer elections for the spring term are held tonight. The pledge quiz will be administered and there will be a speaker, Mrs. Toni Stubblefield talking on the subject of protecting oneself from bodily attack. Also, actives with misprints on their certificates may pick up their corrected copy at the meeting or contact Mary Harb, 364-8231.

WARGAMERS

There will be a meeting of the Wargamers Association of Rolla at 7:00 p.m. in Room 206 M-CS. Dr. Bob Medrow will give a talk on GDW's new Europa system. Everyone is welcome to attend.

UMR PHOTOGRAPHY CLUB

The UMR Photography Club will have a meeting on December 3rd at 7:30 p.m. in the Meramec Room of the University Center. The subject of this meeting will be "Night Pictures." Some instruction on the subject will be presented then we will go out into the night to take some pictures. Bring a camera and a trip if you desire. Slick film is suggested (about ASA 200-400). Weather permitting, of course. At this meeting there will also be a photo contest for members only. You are asked to submit, if possible, one B/W print and one color print. No slides will be accepted. The winners will be chosen by the members of the club. There will be three prizes for both categories. First prize will be a Vivitar flash donated by Wal-Mart. Second prize will be 25 sheets of 8 x 10 B/W enlarging paper. Third prize will be film.

SPECIAL EVENT

Tonight's movie will be Breaker Morant. The movie (SEE Box) directed by Bruce Beresford will be shown at 7:30 p.m. in Miles Auditorium (M.E. 104). Admission \$2.25 at the door or by season tickets.

BOWLING PARTY

On Thursday, Dec. 3, Independents Council is sponsoring a bowling night for UMR students, from 9:15 p.m. until midnight at Colonial Lanes. The cost is \$3.25 in advance and \$3.75 at the door for 3 games plus shoes. All proceeds go to L.O.V.E. Besides bowling, there will be a raffle and prizes.

ETA KAPPA NU

Eta Kappa Nu will be having a general business meeting on Thursday, Dec. 3, at 6:39 p.m. in room 104 EE Building. Officers will be elected. Refreshments will be served afterwards. All members are encouraged to attend.

MONDAY

MICRO COMPUTER CHESS TOURNAMENT

RAM will have a meeting on Monday, December 7th in room 216 M-CS at 7:00 p.m. Following the meeting there will be a tournament at micro computer chess programs. Everyone is welcome, come if you like chess even if you don't care for computers.

KME

"The Math Help Sessions are still offered by KME 6:30-8:30 p.m. room 209 M-CS. Also, all members are encouraged to attend the meeting on Dec. 7 at 6:30 p.m. as next semester's officers are to be elected. Refreshments will be served afterwards."

Film Series Event

Breaker Morant

Perhaps the best of the new, highly acclaimed Australian cinema, **Breaker Morant** is a brilliant drama of war, politics and humanity. Based on a true story, the film is set at the turn of the century, when England was waging the Boer War on Africa. To keep Germany from entering the war, England court-martialed three Australian volunteer soldiers for murdering Boer prisoners of war, and denied that these soldiers were acting under British orders. The trial was a travesty of justice, but the Aussies were given a stunning defense by a brash Australian lawyer who exposed the mockery and hypocrisy behind the trial. Director Bruce Beresford alternates emotionally charged courtroom confrontations with scenes of the events as they happened in a marvelously cohesive style. As the inexperienced lawyer, Jack Thompson won the Cannes Film Festival Award as Best Supporting Actor, and the quality of the rest of the cast matches his excellence. **Breaker Morant** is a powerful, intelligent film which is also rousing entertainment.

W.T. SCHRENK CHEMICAL SOCIETY

There will be a meeting of the W.T. Schrenk Chemical Society Monday, Dec. 7, at 7:00 p.m. in room 125 of the chemistry building. Dr. Bertrand of the Chem. Dept. will give his talk entitled "Wine, Women, and Thermodynamics." Refreshments will be served. All interested persons are invited to attend.

TUESDAY

C.L. DAKE GEOLOGICAL SOCIETY

On Dec. 8, at 7:00 p.m. in Nor. 305, Dr. Richard R. Bloomer, a distinguished lecturer sponsored by the AAPG will speak on "Depositional Environments and Reservoir Morphologies of Channel Sandstones." The lecture is open to the public and refreshments will be served.

NODAY

CO-OP STUDENTS

Work registration for the Spring, 1982, work period will begin November 30, 1981, and last until the end of the semester. This is a MUST for all Co-op students working during the Spring semester! This registration will be held in the Co-op office, 101 Buehler Bldg.

GRADUATING SENIORS

ALL STUDENTS WHO WILL GRADUATE IN THE DECEMBER, 1981 class are reminded that they must turn in a final report to the Placement Office regarding their future plans before they leave campus. The Placement Office has a special form for this purpose. Be sure to stop in as soon as possible to make your report.

SUBSCRIPTS

Anyone interested in participating in the Student Union Board Foosball tournament may sign up in the University Center East until December 5th.

UMR Choir Performs

SOURCE: OPI

The University of Missouri-Rolla Choir and Orchestra will present two performances of George Frederic Handel's "Messiah" on Sunday, Dec. 6. The first performance begins at 2 p.m. at the First Baptist Church in Rolla, and the second at 7:30 p.m. in the

Main Post Chapel at Fort Leonard Wood.

Handel's "Messiah" was written in 1741, and was first presented in Dublin, Ireland, in 1742. The first performance in England was on March 12, 1743, at Covent Garden in London.

The public is invited to attend. There is no admission charge.

Ensemble presents concert

SOURCE: OPI

The University of Missouri-Rolla Wind Ensemble will present a concert at 8 p.m., Dec. 8, in the Cedar Street Center, Seventh and Cedar streets.

The ensemble is directed by Dr. David Oakley, professor of music.

The program consists of a variety of music ranging from Beethoven to Copland

to circus music. It includes selections written especially for wind ensembles as well as adaptations of works for symphonic bands. In addition, a woodwind quintet will perform Beethoven's Quintet No. 1, Op. 70.

Most of the musicians in the ensemble were members of all-district or all-state bands during their high school days. The concert is free and open to the public.

The Miner currently has several staff openings for:

**News Writers
Investigative Reporters**

If you are interested in applying for these positions, come to the Miner office, Bldg. T-1, Monday night at 9 p.m. or call the office.

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 students and faculty of UMR.

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Subscriptions are available to the general readership at a rate of \$6 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
T-1, 341-4235
University of Missouri-Rolla
Rolla, MO 65401

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News

Thursday, Dec. 3, 1981

MISSOURI MINER

Page 3

Madrigal dinners planned

SOURCE: OPI

The University of Missouri-Rolla Chamber Choir and Collegium Musicum will present the annual Madrigal Dinners at 6 p.m. Dec. 10, 11 and 12 in Centennial Hall, University Center-East on campus. "Christmas at the Court of Isabella d'Este" is this year's theme. The setting is Christmas, 1509, at the Palazzo Ducale of the Marchesa of Mantua, in Northern Italy.

The production — both entertainment and dinner — will duplicate the costumes, decor and menu of the historical period. Chicken scallopine, a Caesar salad,

pasta ciola, broccoli, garlic bread and spumoni will be served. The program will be set in the palazzo chapel and great hall.

Entertainment by the various vocal, instrumental and dramatic groups will be continuous during the evening and will involve the audience. "The audience as well as the performers will be guests at the Marchesa's court," Kramme says.

The price of the dinner and evening's entertainment is \$10 per person. Flyers with detachable reservation forms will be available within the next week at Rolla area banks and at the University's Cedar Street Center, Books 'N' Things,

Forum Plaza, Logo's Bookstore, or at the music office, 105 Harris Hall on the UMR campus. Reservations may be made by mail only and must be accompanied by payment for the full amount. Reservations will be assigned in the order received.

For information, call 314-341-4185 between 9 a.m. and 4 p.m., Monday through Friday. Requests for reservations should be addressed to Madrigal Dinners, 105 Harris Hall, University of Missouri-Rolla, Rolla, Mo. 65401, and should include a stamped, self addressed envelope for confirmation.

Helping those in need

Theta Tau donates

SUBMITTED BY
THETA TAU

The members of Theta Tau Omega donated \$1000.00 to each; the Local Organization for Various Emergencies (LOVE) and the Gingerbread House this past week. The LOVE organization helps families in the Rolla area through rough times. The help ranges from food and heating oil for needy

families to clothes and shelter for families who lost their house and belongings in a fire. Ruby Elmore, director of LOVE, assured us that the money was much needed and that it would be put to good use. The Gingerbread House is a new organization in the Rolla community. It was organized to help severely handicapped children of the Rolla area. The money will be used to set up a house to

care for the children. We only hope that this donation can help this organization get started.

Theta Tau Omega's money comes from such activities as the Ugly Man contest, Homecoming Hoedown, Pizza Night, Casino Night, Homecoming and Parents Day Mums, and benefit movies. We are grateful to the U.M.R. students and faculty for their continued support of our activities.

ROTC offers tuition aid

SOURCE: CPS

The Reserve Officer Training Corps (ROTC) and other armed services

IFC Sing Friday

SOURCE: OPI

"The Tonight Show" will be the theme for the Interfraternity Council (IFC) Sing to be held Dec. 4 in the University of Missouri-Rolla University Center Centennial Hall. UMR's Jazz II will play beginning at 6:30 p.m. and at intermission. The Sing will begin at 7 p.m.

Featured will be acts from UMR's fraternities and sororities. First, second and

branches, which began their campus renaissance by appealing to student dreams of adventure and mountain climbing, are changing their

third place trophies will be awarded in two categories — musical acts and novelty acts.

The music category covers playing an instrument, singing with or without accompaniment, and dancing. In the novelty category, there will be humorous skits, stories and songs.

The public is invited. There is no admission charge.

advertising to reflect a major new fact of college life: a shortage of tuition and money.

ROTC and National Guard units now invite students to enlist in return for scholarships or low-interest tuition loans that will be forgiven if students remain in the armed forces a certain period of time. The military will start an even more ambitious ad campaign based on student monetary concerns this month.

The military began stressing monetary student inducements in August, at the same time President

New Placement Office policy increases student paperwork

Seniors and graduate students who plan to interview for PERMANENT EMPLOYMENT during the SPRING, 1982, semester will have a new system of handling resumes and personal data sheets for their interviews. The Placement Office will no longer duplicate this paper. Each student planning to have permanent job interviews during the spring semester will turn in 25 copies of their resume or data sheet not later than Monday, Jan. 25. Interview paper used during the Fall, 1981, semester WILL NOT BE VALID. As usual a listing of courses taken and grades received during the past three semesters must accompany the resume along with a list of courses being taken during the current semester. Every student will be responsible for keeping an adequate supply of resumes or data sheets in the placement office files for

job interviews taken during the semester.

PLACEMENT ORIENTATION SEMINARS will be held during the first week of classes in the spring semester for students interviewing for summer or permanent employment who have not previously used the UMR PLACEMENT CENTER. Dates and places

for these meetings will be:

PERMANENT EMPLOYMENT — WEDNESDAY, JANUARY 20, 1982

SUMMER EMPLOYMENT — THURSDAY, JANUARY 21, 1982
TIME — 7:00 p.m.
PLACE — CENTENNIAL HALL

Personnel dynamics lecture offered

SOURCE: OPI

Dr. Yildirim Omurtag, University of Missouri-Rolla professor of engineering

management, will lecture on "A Quantitative Model of Personnel Dynamics in

Organizations" at 3:30 p.m. Dec. 10 in 105 Electrical Engineering.

The lecture will deal with an organizational model developed to predict the levels where loss of productivity can occur. The model will also allow testing of different recruitment, development and motivation programs in an organization.

The lecture is free and open to the public.

Final Exam Schedule Fall 1981

The final exam period will begin Monday, December 14, 1981, at 7:30 a.m. and end at 5:30 p.m. Saturday, December 19, 1981. Common finals are scheduled for those courses listed in Section II below. Room assignments for common finals will be announced by the instructor.

The courses not covered in Sections I, II, III are to be arranged by the instructor in cooperation with the students in that course.

I. Evening Course Finals are scheduled for the evening session during final week.

II. Common Finals include all sections unless otherwise stated. (Room to be scheduled by Registrar.)

Chem Engr 27	Wednesday, 7:30 - 9:30
CE 261	Tuesday, 3:30 - 5:30
C Sci 73, 74	Tuesday, 3:30 - 5:30
C Sci 83	Monday, 3:30 - 5:30
C Sci 163	Thursday, 10:00 - 12:00
C Sci 218	Monday, 1:00 - 3:00
EE 61, 63	Monday, 3:30 - 5:30
EE 281	Monday, 7:30 - 9:30
EM 50, 150	Tuesday, 7:30 - 9:30
EM 110	Monday, 1:00 - 3:00
Hist 112, 175, 176	Tuesday, 7:30 - 9:30
L Sci 1, Sec. B	Tuesday, 3:30 - 5:30
Math 2, 4, 8	Monday, 7:30 - 9:30
Math 6, 204	Wednesday, 7:30 - 9:30
Math 21, 22	Monday, 1:00 - 3:00
ME 204	Thursday, 10:00 - 12:00
ME 219	Wednesday, 1:00 - 3:00
ME 229	Tuesday, 3:30 - 5:30
ME 261	Monday, 1:00 - 3:00
ME 279	Wednesday, 7:30 - 9:30
Physics 21, 23, 24, 25	Wednesday, 1:00 - 3:00
Pol Sci 90	Tuesday, 7:30 - 9:30

III. Regular Finals

FIRST WEEKLY CLASS

MEETING TIME
Monday, 7:30
Monday, 8:05 or 8:30
Monday, 9:30
Monday, 10:30
Monday, 11:30
Monday, 12:30
Monday, 1:30
Monday, 2:30

Tuesday, 8:05 or 8:30
Tuesday, 9:30
Tuesday, 10:30
Tuesday, 11:05 or 11:30
Tuesday, 12:30
Tuesday, 1:30 or 2:05

FINAL EXAM TIME

Saturday, 10:00 - 12:00
Thursday, 7:30 - 9:30
Tuesday, 1:00 - 3:00
Thursday, 1:00 - 3:00
Saturday, 7:30 - 9:30
Monday, 10:00 - 12:00
Wednesday, 3:30 - 5:30
Thursday, 3:30 - 5:30

Friday, 10:00 - 12:00
Friday, 7:30 - 9:30
Tuesday, 10:00 - 12:00
Friday, 1:00 - 3:00
Wednesday, 10:00 - 12:00
Friday, 3:30 - 5:30

According to the Manual of Information (p. 51), all requests to change the final schedule because of conflicts or having three or more examinations scheduled on one day "are to be made in the Registrar's Office at least one week before the beginning of the final examination week" (Monday, December 7).

TURN TO PAGE 4
PLEASE

ROTC from page 3

Reagan signed into law a series of cuts in federal student aid programs.

Lt. Col. Garnett E. Crask of the University of Tennessee ROTC notes "most" of the students joining at his campus "want to take advantage of the financial benefits of the program."

"I'd rather see these incentives (to enlist) than a mandatory draft," says Kathy Downey, president of the National Student Educational Fund in Washington, D.C. But Downey believes the increased college money offered by the military was in part taken from the college aid money cut from the U.S. Department of Education budget.

Military aid programs are in fact some of the few college aid programs that were expanded this year. Congress is allowing the Army, Navy and Air Force ROTC programs to give out 26,000 scholarships this year, up from 19,000 last year.

Congress has also mandated impressive increases for the National Guard. The new aid packages are ex-

pected to become available this month.

Under the Army National Guard's three college loan repayment plans, a student can borrow nearly \$16,000 over four years, and then have the loan forgiven after six years of "satisfactory" service in the Guard or any of the reserves.

For example, a student who borrows \$10,000 over four years can have \$9,000 of the loan forgiven after six years of service.

Even after one year of service, students can start paying off the loan at the rate of 15 percent of the balance or \$500 per year, whichever sum is higher.

Both National Direct Student Loans and Guaranteed Student Loans qualify for repayment under the new military plans.

Any student who qualifies for repayment can also get into the Educational Assistance Program, which can loan the student up to \$1000 per year.

To drive the point home, the "Army National Guard is going all out to insure that every college student is aware" of the aid benefits,

says Lt. LaVerne E. Weber, chief of the National Guard Bureau.

The new emphasis on money matters aims to help push campus enlistment rates over what already has been a significant rebirth rate since 1974.

Israel Tribble of the Pentagon's Training and Education Directorate attributes much of ROTC's growth to the passing of the anti-militarism that grew from the campus anti-war movement.

Finals Review Sessions

SUBJECT	TIME	RM./BLDG.	INSTRUCTOR
MONDAY, DEC. 7, 1981			
MATH 6	7:00	104 PHYSICS	GARVER
MATH 8	7:00	104 M.E.	HICKS & HENDERSON
MATH 22	7:00	G-5 H-SS	JOINER
MECHANICS	7:00	117 C.E.	MacSITHIGH
TUESDAY, DEC. 8, 1981			
DYNAMICS	7:00	117 C.E.	OSTER
STATICS	7:00	104 PHYSICS	MAKANVAND
WEDNESDAY, DEC. 9, 1981			
MATH 2, 4	7:00	114 C.E.	HADDOCK
PHYSICS 23	7:00	104 PHYSICS	McFARLAND & COLE
PHYSICS 24	7:00	117 C.E.	ANDERSON
THURSDAY, DEC. 10, 1981			
COMPUTER SCIENCE 73	7:00	117 C.E.	WALTERS

Kappa Sig awarded

SUBMITTED BY
KAPPA SIGMA

The Kappa Sigma Fraternity chapter at the University of Missouri-Rolla was cited recently by its international headquarters as one of the fraternity's top ten overall chapters.

Under Kappa Sigma's Chapter Standards Program, the chapter was evaluated in seven categories: rush and pledge

education, membership and alumni relations, scholarship, housing and finance, chapter activities, campus, community and fraternity relations, and chapter management and ritual.

The local chapter received official recognition and a certificate of excellence in being named to the fraternity's Top Ten Club at Kappa Sigma's national convention in New Orleans.

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- Briques
- Games
- MAVRAKO CANDIES
- Plants

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To \$20

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- Bells
- Shells
- Stuffed Animals

- Collector Animals
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Turn about foul play

Iran harasses students

Dear Editor,

In response to the article "War Comes to America" in the Nov. 5th issue of the Miner and for a better understanding of the problems of the Iranian students in the U.S. and particularly at UMR we are sending you this letter to be printed in the next issue of the Miner.

We are including a document which shows that the Iranian consulates are ordered to check on Iranian students abroad, making a list of the ones who do not favor Khomeini's policies and actions. The consulates are to keep these students' passports and only give them entrance permission back to Iran. This action by the Iranian consulates obviously jeopardizes the Iranian students' lives and their financial support.

The document states that "anti-revolutionary

Fair is fair

students' " passports should be taken away. However what the document doesn't mention is: Who will be identifying these "anti-revolutionary students" on the campuses? What will happen to these students

Memo
From: The Office Of Cultural and Counseling Assistantship

To: All Islamic Republic of Iran's Consulates representatives abroad

"In the Name of God, the Greatest

From the date that this communique is issued, all consulate officers are ordered to carefully prepare

once their passports are taken away? The answer to these questions are: The Khomeini's supporters and agents among the students would do the reporting and the students who have en-

trance permission instead of valid passports will be forced to go back to Iran and as happened recently when several students who disagreed with Khomeini's policies were arrested on their arrival at the Tehran

lists of all Bahaians and anti-revolutionary elements, especially the so-called students in their regions and report them. Also any renewal of these people's passports should be refused and only entrance permit should be given. Signed by Javad Mansoori, the assistant director of the Cultural and Consulation Affairs."

airport and were executed shortly afterward.

In a letter to Kurt Waldheim, on November 18, 1981, Masoud Rajavi, the person in charge of the National Council of Resistance (NCR), warned

the Secretary General of the United Nations about the activities of the Iranian consulates abroad which were jeopardizing the lives of the Iranian students. Masoud Rajavi's letter included: granting the rights to use United Nation passports, pending deportation of these students, and granting temporary job status to them, on the local level.

Universities should closely examine the activities of pro-Khomeini student groups on their campuses, and provide protection for the other Iranian students.

We urge all the freedom-loving people to voice their opposition to Khomeini's government and the potential threats aimed at the Iranian students.

Moslem Student Society (U.S.A.)

Do you mean to tell me.....

By BOB KOENIG

On November the 17th the St. Louis Post-Dispatch ran an article entitled "Choosing a College Close to Home." The article included a list of the vital "statistics" of 38 Missouri colleges and universities. The enrollment, tuition (in and out of state), and yearly room and board expenses were included.

Of the four University of Missouri campuses UMR had the highest "incidental fees." UMR students pay 1,014 dollars a year compared with: \$952 in Kansas City, \$940 in St. Louis, and \$870 at Columbia. This didn't surprise me at all. UMR has a larger percentage of scientific and technical students. It costs considerably more to equip a technical lab than an english class so it follows that our fees would be higher.

But, but, but, good old UMR had the lowest out-of-state tuition of all the University of Missouri

campuses. It cost a non-Missouri resident \$1,740 to attend UMR, now according to the Post-Dispatch article, at the next cheapest school, UMC, tuition costs a non-resident \$2,610 a year.

In short, it costs a non-resident \$870 less (at least) to attend UMR than any of the other University of Missouri campuses.

I have difficulty understanding why the most expensive school for residents is by far the cheapest for non-residents. Perhaps this policy originated when UMR was struggling to raise enrollments, however in these days of overcrowding, as administrators, faculty, and students struggle with overcrowded classes, bringing out-of-state fees in line with the other campuses might help.

UMR is also the most expensive place to live. Room and board at UMR is listed at \$2,100, UMKC costs \$1,718, and good old UMC costs only \$1,525. Anyone

who's spent any time in UMC dorms might wonder why it costs 575 dollars more a year to live in Rolla. Rolla's dorms are full beyond capacity and have been for several years.

Now for something completely different. This past summer I served on the University Center Program Council as a "member at large." As one of my good "friends" said, I was probably the largest member they could find on short notice. Anyway, a number of major changes had been proposed in space

usage in the University Center (what ever happened to the Student Union?) The Gallery was to be expanded, the TV lounge moved into office space (formally ping pong tables before the space was grabbed) and a new deli built among other things.

Auxiliary enterprises wanted student input, or the appearance there of. A large number of changes were presented as a package. Included in the package was a promise that the University Center cafeteria

see Fair page 14

Comments

Thursday, Dec. 3, 1981

MISSOURI MINER

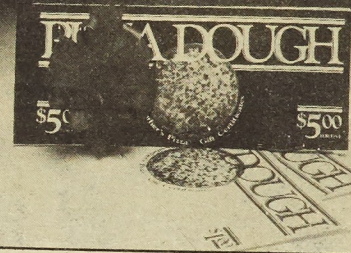
Page 5

No editorial statements or letters to the editor will be printed if the author's name is not signed and student number included (if applicable). If requested, the author's name will not be printed.

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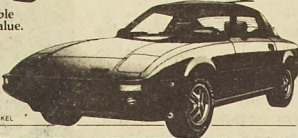
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Another Rolla Beauty makes the front page of Features.
(Photo by Wellington)

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Friday, December 11, in the Student Union 8:30-3:30.

Green sales are the sole financial backing of the greatest party in Missouri, St. Pat's at University of

Missouri-Rolla. If you can, help the St. Pat's Board out by supporting St. Pat's 1982 through green purchases.

There is only 105 days left til the best ever, so get psyched!!!

Features

Thursday, Dec. 3, 1981

MISSOURI MINER

Page 6

Take a break

In the 1980's we lead busy, competitive lives. We're supposed to know how to read, write, drive an automobile, cook meals, snare a mate, raise children, have successful careers, play tennis, entertain guests, negotiate business deals, vote responsibly — all to make us strong, fit, rich, successful, famous, healthy, self-sufficient, and able to achieve the "better" things in life. And while these are necessary skills, they are survival tactics and competitive in nature and often isolate people and pit them against each other instead of bringing them closer together.

Dr. George Bach, author of the bestselling *The Intimate Enemy* and a world-renowned psychologist with

nearly forty years of clinical experience, asserts that in our pursuit of the "good life" we are trampling on our own good nature. In our on-going quest for self-realization and "keeping ahead of the Joneses," we are losing the ability to care for other people — and for ourselves — and are depriving ourselves of truly fulfilling lives. In his latest book, *A Time For Caring*, critically acclaimed as his most important, Dr. Bach, with co-author Laura Torbet, demonstrates most convincingly that only by caring for others — a mate, a lover, a friend — can we bring out the best in ourselves; that caring for and about others is caring for ourselves. Written in a lively, informal style and scheduled for

serialization in *Cosmopolitan Magazine*, *A Time For Caring* will be published by Delacorte Press on Feb. 1, 1982.

Based on exhaustive research and filled with countless illustrative case studies and anecdotes from Dr. Bach's own practice, *A Time For Caring* is both a theoretical and a practical blueprint for restoring caring to our lives. By critically evaluating our lives and the people with whom we interact we can discover where caring exists and where it does not. From this new vantage point we can take a fresh look at the

**See
Break
page 13**

Solar Ponds will keep you warm

SOURCE: OPI

Winter winds may be blowing outside your door, but inside you could be enjoying the warmth of summer — if you have a solar pond in your back yard.

"There's a great deal of interest in solar ponds both here and abroad for space heat and generating power," said Dr. Alfred L. Crosbie, University of Missouri-Rolla professor of mechanical engineering who is working on a research project dealing with the thermal modeling of solar ponds.

"The interest in solar ponds in this country is primarily for agricultural and rural heating," he added. "Because of the space considerations, they're simply not practical for an urban setting."

The operating principle behind solar ponds is simple. "When sunlight strikes a fresh-water pond, it heats the water and stirs up convection currents,"

Crosbie said. "The warm water, because it is less dense than the cool water, rises to the surface where it loses its energy to the atmosphere."

In a solar pond, however, the addition of salt to the water helps to suppress these currents and reduce the energy loss.

"Salt content is varied by depth with the heaviest concentration at the bottom of the pond," Crosbie said. "essentially, what you have is a series of layers of salt water with a layer of fresh water on top."

"These layers are denser and heavier than fresh water and resist rising to the top of the pond even after having been heated," he continued. "The lighter layer of fresh water also acts as an insulator, helping to contain the heat below it."

The pond collects energy all summer, reaching a thermal high in the fall. During the winter the hot water can be pumped from the bottom of the pond and

used to heat homes and barns any time of the day — on cloudy days as well as sunny ones.

If the pond has been properly designed, the energy that has been stored in it is available even when you might think it wouldn't be.

"A layer of ice on top of the pond not only can act as an insulator," Crosbie said, "but it also may serve as a buffer against winds that could stir up waves and break up the salt layers, allowing convection currents to form."

Solar ponds also should be relatively inexpensive because of the low cost of constructing the energy collector or pond," he added. "We've had the technology to build ponds for years; now it's a matter of making the energy costs competitive with other alternatives."

Crosbie's research, which has been funded by a grant from the University of Missouri's Weldon Spring Endowment Research Fund,

is concerned with the development of a mathematical or computer model to evaluate the thermal performance of solar ponds.

"Solar ponds already have been shown to be a workable concept," Crosbie said. "The next step is to perform some

engineering analysis of the concept to give us a basis for judging performance and making refinements and adjustments."

The computer model that Crosbie is constructing will help him to simulate what "takes place physically" in a solar pond.

"We want to model the thermal history of a pond over a year's cycle," he said. "We want to see how different design parameters and environmental conditions affect performance and results. After doing this we should be better able to design efficient ponds."

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Would you be a graduate now if it hadn't been for Chem 5? Would you rather have your Chem. 1 class meet in the Meramec Caverns because the acoustics are better than in St. Pat's Ballroom? Now do you know why the senior Chem. E's laughed in your face when you asked them if classes would get any easier? If you are a Chem E, a chemistry major, or if you have ever had to take chemistry and you don't think you were given a fair chance, then express yourself now. Alpha Chi Sigma will hold elections for Professor Snarf during the last three weeks of the semester. Show the chemistry or chemical engineering professor of your choice just how much you care. Every penny counts as one vote, vote as often as you want. All proceeds will go for the purchase of safety equipment for chem. labs. So if you have an axe to grind, a bone to pick, or just a plain old grudge, don't bottle it up within you, vote now!

We would like to thank Kevin Farrell and John Wardlow for the many hours spent and miles driven to make the UMR Sports Car Club's Road Rally the most successful event this semester. We had over 60 people enter and everyone had a great time. If you missed this Road Rally we will probably be having a Rally next semester so watch for our advertisements.

Tom Scheifler and Jeff Sheldon

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WANTED: 1 or 2 people to share 2-bedroom house for spring semester. About 3/4 mile from campus. Furnished and good stereo. 364-0059 ask for Kevin.

Roommate wanted: female student to share 4 bedroom house for spring semester. Call Karen 364-7571.

Roommate wanted: male student to share a 2 bedroom house for spring semester. Call Chuck 364-6901.

PHOTO CLUB MEMBERS! Don't forget to bring your entries to the "Members Only" photo contest at the December 3rd meeting. You are asked to bring, if possible, one B/W print and one color print. There will be three (first, second, and third) prizes for both categories. Winners will be decided by the members of the club.

WANTED: Roommate to share trailer spring semester. Twelve minute walk from campus. \$82.50/month plus utilities. Would prefer co-op student starting work summer '82. Call 364-0211 after 5:30 p.m.

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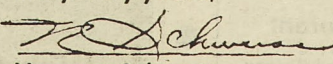
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Textbook Evaluation Service or Censorship

By DR. GEORGE BENSON

academic freedom.

In numerous surveys conducted of American high school and college students, it has been established that in general: (A) our youth have a poor understanding of how business and the enterprise economic system operate, and (B) as a result, students have no appreciation of either business or free enterprise. As a matter of fact, a high percentage of our young people would rather have a socialist than a free market economic system.

How did our students come to think this way? The answer: They were taught that way.

Now students learn from two main sources: from lectures delivered by their teachers and from instructional aids, the textbooks and audio-visual materials. Of primary importance are the textbooks.

In his analysis of the threat to free enterprise and what to do about it, Supreme Court Justice Lewis F. Powell, Jr., stated that there should be a continuing program to evaluate textbooks in economics, political science and sociology. "The objective of such evaluation," he said, "Should be oriented toward restoring the balance essential to genuine

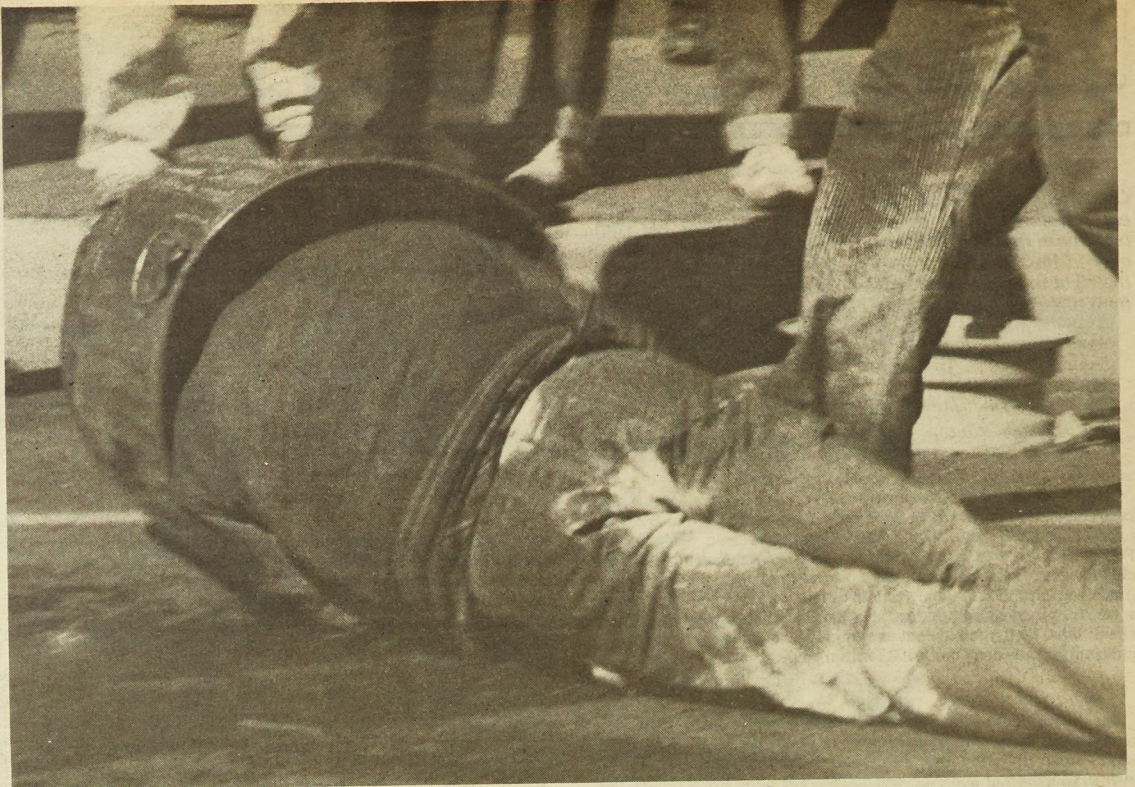
"If the authors, publishers and users of textbooks know that they will be subjected honestly, fairly and thoroughly — to review and

critique by eminent scholars who believe in the American system, a return to a more rational balance can be expected," said Powell.

I am happy to report that two excellent textbook evaluation groups are active in this country and have been providing valuable service for many years. Their evaluations are available to anyone interested in the problem of balance and fairness in textbooks.

America's Future, Inc., has long been an outstanding pro-American educational organization, but perhaps the most valuable service it performs is providing textbook evaluations to the concerned public. An evaluation board, composed of outstanding scholars, is continuously studying textbooks in all the social sciences. Board members evaluate the texts in their field of specialization, of course. The reports are then published and distributed to a list of textbook evaluation subscribers.

A second outstanding group is Educational Research Analysts which had its genesis some twenty



Don't throw yourself away just because finals are right around the corner.

(Photo by Bee)

years ago when a husband and wife became concerned about the contents of their son's school textbooks. Down through the years this couple, Norma and Mel Gabler of Longview, Texas, have become true experts in the field of textbook evaluation and how to influence adoption or rejection of school texts.

The welfare of every child is the responsibility of the parents. And that responsibility extends to the youngster's education. Even though parents delegate certain authority and duties to school boards, administrators and teachers for the education of their children, the responsibility

for the type of education received still remains with the parents, including monitoring of the textbooks used.

But as Justice Powell recognized, the business community also has a stake in textbooks because they are the major instructional aids used to develop student attitudes, including those toward business and the enterprise system.

America's Future and Educational Research Analysts stand ready to assist parents and business groups in evaluating textbooks, toward the end of

fairness and balance for the enterprise system. Write the National Education Program,

University, Box 760, Searcy, Arkansas 72143; we'll be happy to provide you with mailing addresses.

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Inventive Reasoning

How to be inventive

By KAREN PENNEY

The title sounds like a new fangled book guaranteed to make anyone a veritable Thomas Edison. However, Dr. Robert E. Sparks does not claim to produce Edisons or Einsteins just to help promote thought processes along their general (very general) lines. To put it more succinctly, "to be better problem solvers," as Dr. "Video" Walters would say.

Dr. Sparks is head of the biomedical engineering department at Washington University. He received his undergraduate degree from U. of Mo.-Columbia and his doctorate in chemical engineering from Johns Hopkins University. Upon graduation he took a job with Exxon, followed by a teaching position at Case Western Reserve. He came to Wash. U. in 1972. His lists of teaching awards, articles, and accomplishments are many. It took five minutes of the introduction just to list some of them.

At Case Western Reserve, Dr. Sparks first noticed the difference between inventive people and the "just get by with minimal thinking" people. He noticed that the incoming freshmen looked shiny, adorable and ambitious but most importantly they radiated excitement. They wanted to make school fun and interesting. But after the first semester, or the first few rounds of tests, they stopped looking so shiny and excited. Survival was now upper most in their minds (and ours). This fact (no excitement) though bothers the professors, because, unbeknownst to the students, they want the students to feel excited about school.

Dr. Sparks then addressed the question of why the students lacked excitement. One of the main answers was the simple fact that lectures are boring. He quoted one of his professors from Johns Hopkins on the subject of lectures; "A lecture is where the notes of the professor are transferred to the notes of the student without going through the minds of either." In most lectures, the students were not getting the "meaning" of the course. The students could memorize the material and homework problems but could not apply this material to "real life problems."

One of the major reasons that "meanings" are not conveyed to the student is that the courses taught are content loaded. There is a lot of material that has to be memorized. Dr. Sparks made the comment that some professors feel that they push too much material in at once and to get it in they have to use a ramrod. Someone sitting back in the audience commented that

they usually shove it in the wrong end.

The classroom experience and courses have some major faults that keep the student from thinking inventively. The tests and homework problems that are assigned have a right or wrong answer, which promotes the students to believe that every problem has "an" answer. Problem solving in the classroom helps to learn the basics but doesn't promote the inventive process of defining the problem and its restrictions, so new and personal results can be found. Another fault is the fact that what is learned in school came from other people's minds. The student does not get the excitement of creating a new thought. The formulas and theories were exciting and new to the people such as Maxwell and LaPlace who thought of it. That excitement cannot be recaptured by the student. Just memorizing others' thoughts can also generate the feeling that everything has been done before and there is nothing new left to invent.

The student can overcome these obstacles but he needs

to learn how to think correctly. Defining the problem and the restrictions imposed on the solution are the major obstacles to inventiveness. Experiments and criteria for correctness also have to be setup to evaluate the usefulness of the solution. To accomplish the task of being inventive, Dr. Sparks recommends that one treat "inventiveness" like a sport. One has to ingrain the material and processes in the brain like the movements of a tennis serve. One must be able to do the task involuntary.

One of the aims of being inventive is to become sensitive to the problems in the "real" world. Sometimes it is difficult to get to the heart of what is trying to be solved. A good example is the old sword in the stone. Most people would rack their brains on how to get the sword out, but saying the sword starts out of the stone in the beginning, and barring magic, how did the sword get into the stone. Not only defining the obvious problem, but being inventive involves seeing more problems than the obvious. Another aim is to become

sensitive to the assumptions, mainly implicit, that are made to solve a problem. In solving simple chemistry problems, implicitly one might assume that a gas is ideal. In some more complicated problems this assumption would not hold true.

A good problem to think on is nine dots in a three by three matrix. Four lines have to connect all the dots without repeating some part of a previous line. Some assumptions that people make is that they have to go through the middle of the dots, they can't fold the

paper, or roll it in a tube. Also there are a lot of optical solutions using different lenses and projections of

See
Inventive
page 13

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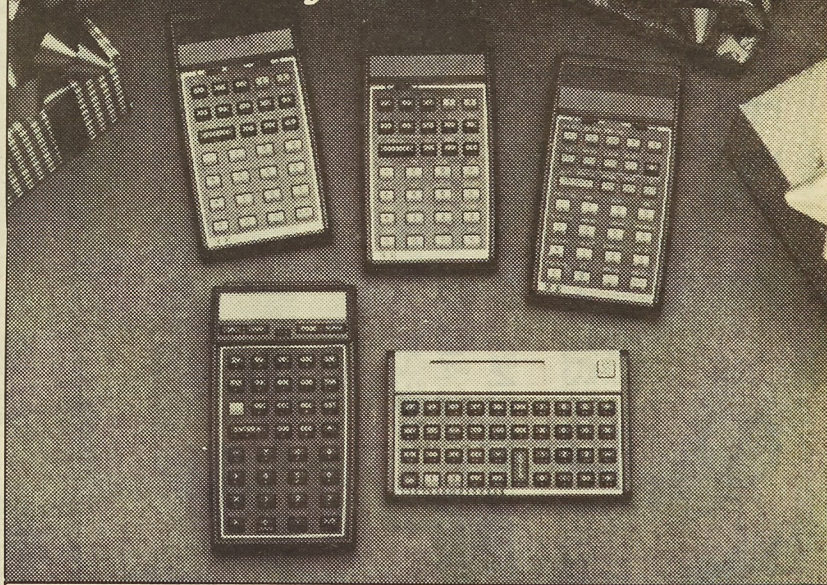
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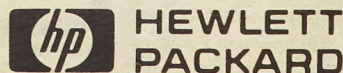
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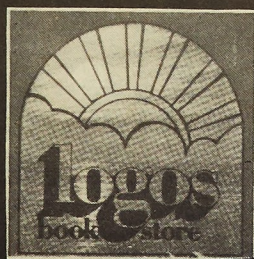
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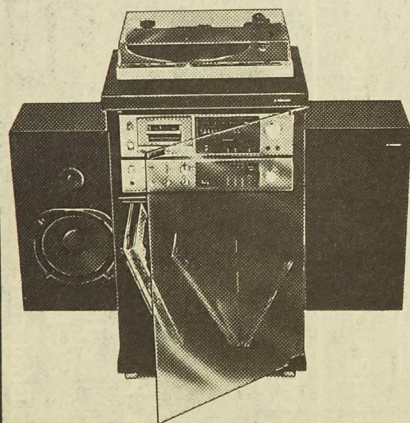
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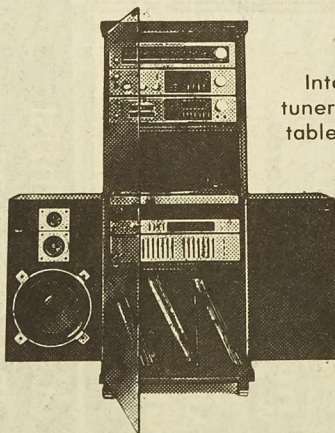
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PIONEER SYSCOM. THE EXPERTISE IS IN THE SYSTEM, NOT IN BUYING IT.



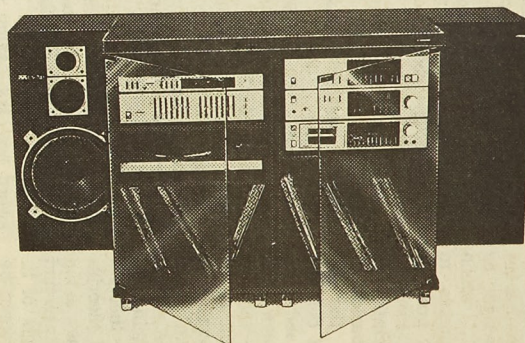
Pioneer Syscom
 High quality receiver, full-auto belt-drive turntable, cassette deck, 10-inch 2-way speakers, compact rack. Model S-1100. Mfg. List \$799.95. Save \$100.00
SALE PRICE

\$699⁹⁵



Pioneer Syscom
 Integrated amp, dial-scale tuner, full-auto belt-drive turntable, full-logic cassette deck, 10-inch 3-way speakers, choice of vertical or horizontal cabinet, digital timer and equalizer optional. Model S-3300. Mfg. List \$1149.00. Save \$150.00.
SALE PRICE

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Pioneer Syscom
 Integrated amp, synthesized tuner, full-auto direct-drive turntable, high-output MC cartridge, auto-reverse cassette deck, 12-inch 3-way speakers, choice of vertical or horizontal cabinet, digital timer and equalizer optional. Model S-5500. Mfg. List \$1699.00.

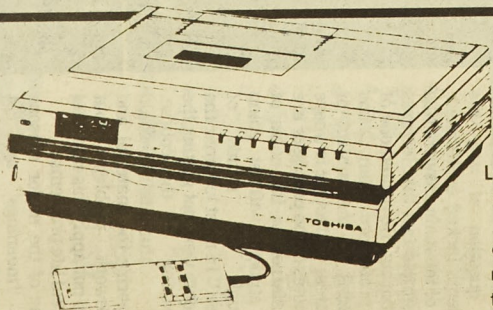
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TOSHIBA

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Remote Control Video Disc

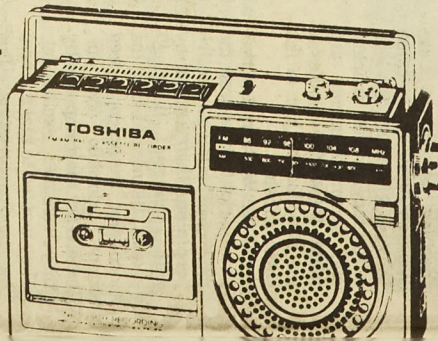
CED system video disc player; I.C. logic solenoid controls; wired remote control standard; audio/video output jack; stereo capable with optional future stereo adapter; quartz lock turntable 0.0025% accurate; visual search at 2 X and 12 X play speed; rapid access at 180 X play speed; electronic loading system. Model VP-100. Mfg. List \$525.00. Save \$100.00



Portable Cassette Recorder With FM/AM Radio

Large 4-inch speaker; built-in condenser microphone; automatic level control; one touch record; cue and review; AC/battery operation uses 4C type batteries sold separately. Model RT-2750. Mfg. List \$79.95. Save \$15.00.

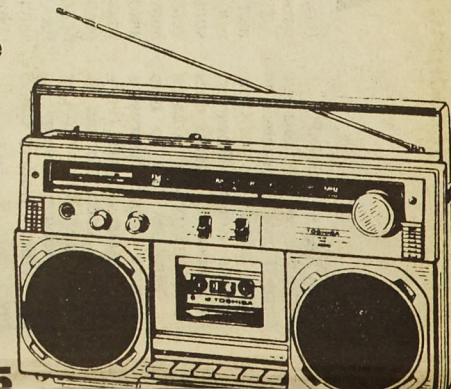
\$64.95



FM/AM/FM Stereo Radio Cassette

Front control operation; built-in stereo condenser microphones; separate tone and volume controls; LED battery and stereo indicators; pause control; AC/DC operation; telescopic rod antenna; stereo wide control; 5" speakers; operates on 6 "D" batteries sold separately. Model RTS-501D. Mfg. List \$129.95. Save \$30.00.

\$99.95



Panasonic

adapter; quartz lock turntable 0.0025% accurate; visual search at 2 X and 12 X play speed; rapid access at 180 X play speed; electronic loading system. Model VP-100. Mfg. List \$525.00. Save \$100.00

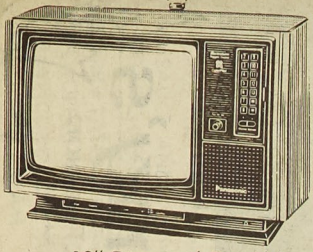
tion uses 4C type batteries sold separately. Model RT-2750. Mfg. List \$79.95. Save \$15.00.



"D" batteries sold separately. Model RTS-501D. Mfg. List \$129.95. Save \$30.00.



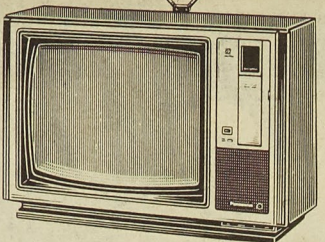
Panasonic



13" Diagonal Portable

Color TV With Remote Control
with ColorPilot Automatic Color Control 100% solid-state chassis; whiteness enhancer; panalock AFT; panabrite control; quick-on picture tube; detachable VHF and UHF antennas; CATV Master antenna connector; earphone included. Model CT-329. Mfg. List. \$479.95. Save \$80.00.

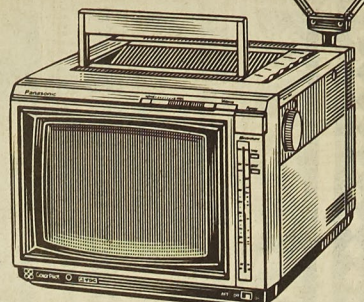
SALE PRICE **\$399⁹⁵**



19" Diagonal Portable

Color TV
Electronic synthesizer tuning; detachable remote control ColorPilot; scan buttons on cabinet; panabrite control; whiteness enhancer; LED channel indicator; video sensor; detachable VHF dipole and UHF loop antennas; earphone. Model CT-9041. Mfg. List \$599.95. Save \$100.00

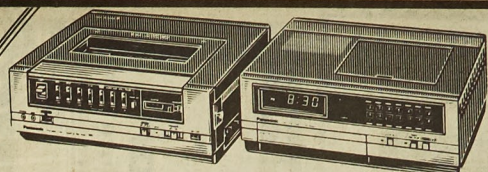
SALE PRICE **\$499⁹⁵**



7" Diagonal Portable

Color TV/Monitor
Video and audio input/output jacks for video tape recorder connection, video games and home computers; AC/DC operation for home or car entertainment; ColorPilot electronic color control; continuous electronic tuner; ADDP circuit shuts off set when car battery weakens; panabrite control; tinted screen cover; earphone/earphone jack. Model CT-7711. Mfg. List \$459.95. Save \$60.00.

SALE PRICE **\$399⁹⁵**



New Lightweight Portable/Home 6-Hour "Super Long Play"

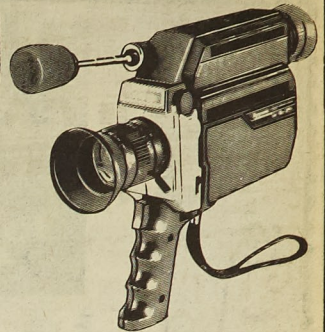
Video Tape Recording
AC/DC. Car battery. Soft touch button operation. Model PV-3200.

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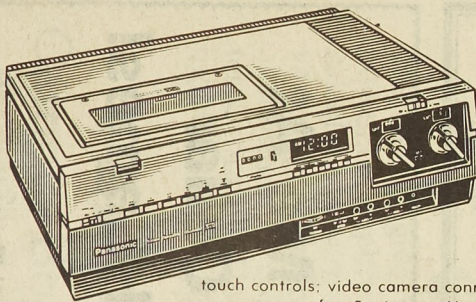
Camera

Less than five pounds. Electronic power, 6:1 zoom lens, electronic viewfinder includes AC power supply. Model PK-750.

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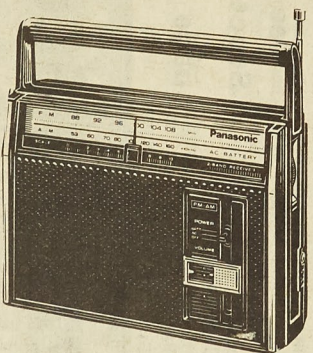
SYSTEM PRICE
\$1588



2-4-6 Hour Home Video Cassette Recorder

With Soft-Touch Controls
Can record up to 6 hours on one conventional VHS cassette; SP, LP and SLP speed selections for 2-4-6 hour recording; built-in VHF/UHF tuners with digital clock/timer that turns deck on and off; record one program while watching another or record while you're not home; soft touch controls; video camera connection; auto stop; pause safety relief after 5 minutes. Model PV-1270. List \$795.00.

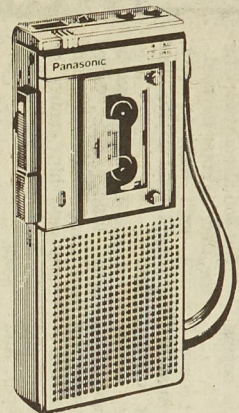
SALE PRICE **\$649⁹⁵**



AC/Battery Portable FM/AM Radio

With Slide-Rule Tuning Dial
3" PM dynamic speaker; earphone; built-in AC power cord; solid carrying handle; operates on 2 "AA" batteries not included. Model RF-537. List \$28.95.

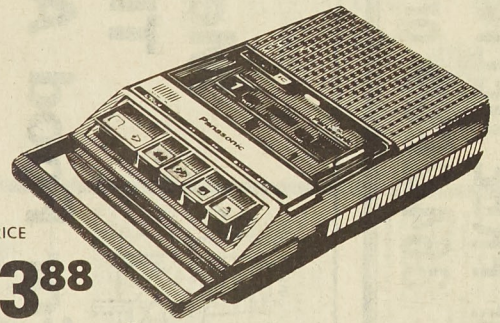
OUR PRICE
\$21⁸⁸



AC/Battery Microcassette Recorder

Two speed tape selector lets you choose standard or long-play recording speed; one-touch recording; electronic governor motor; built-in condenser microphone; edit function; cue and review; lockable pause control; LED record/battery indicator; optional AC adaptor/recharger RP-32 and rechargeable battery pack RP-095 available; operates on 2 "AA" size batteries not included. Model RN-001D. List \$89.95.

OUR PRICE
\$69⁸⁸



OUR PRICE
\$23⁸⁸

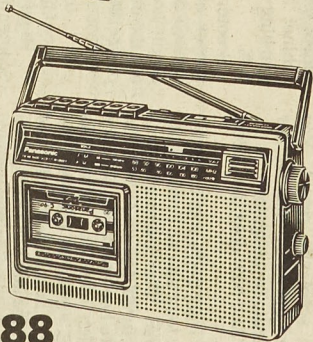
Portable Cassette Recorder

AC/battery operation with optional AC adapter RP-65; one-touch recording; built-in condenser microphone; auto-stop; 3" PM dynamic speaker; operates on 4 "C" size batteries not included. Model RQ-2105B. List \$36.95

AC/Battery Portable FM/AM Radio Cassette Recorder

With Easy-Matic Circuitry.
One-touch recording; auto-stop; pause control; variable sound monitor; built-in condenser microphone; 3 1/2" PM dynamic speaker; built-in AC power cord; operates on 4 "D" size batteries not included. Model RX-1230. List \$62.95.

OUR PRICE **\$45⁸⁸**

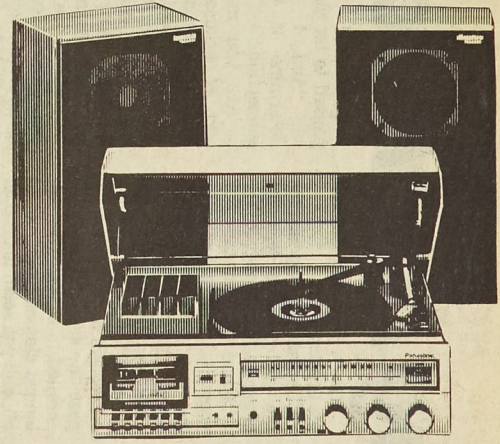


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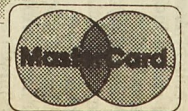
OUR PRICE
\$198⁸⁸



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It is our intention to have all advertised merchandise in stock; but due to scheduling our ads many weeks in advance, this may not always be possible.

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Scooter P. I.

Going back to school

Source: SPI

It was a cold day in Rolla. Scooter didn't need a weatherman to tell him this, all he had to do was stroll through the UMR Campus, as he was presently doing. He couldn't help but notice all the high school letter jackets some students still wore. The majority of those being from either Shamrock High or Sheild High.

Scooter's attention suddenly shifted as he stepped onto the ramp going up to Parker Hall.

As he entered the second floor office he became aware of which office he was actually entering. Any suspicion he might have had was quickly dispelled as his eyes caught sight of the solid gold door which led to the inner office.

"May I help you?" a lovely young secretary asked Scooter.

"Yes, I have an appointment with Chancellor Marshmallow," Scooter replied.

"Name, please."

"Scooter P.I."

"Have a seat Mr. P.I., I'll tell the Chancellor you're here."

"Oh, you can call me Scooter."

"Yeah, right. Sit down." The secretary said as she motioned him to a seat and entered the other office.

Scooter seated himself and picked up a Miner from an end table next to him. He paged through, found nothing he wished to read, and replaced it on the table.

"The Chancellor will see you now," the secretary told Scooter as she exited the Chancellor's office.

Scooter got up and walked in through the golden doorway as the secretary closed the door behind him. There, behind an immensely large desk, sat the Chancellor.

"Ah, yes, Mr. P.I., have a seat please," the Chancellor told Scooter.

"Thanks Mr. Marshmallow," Scooter replied.

"Oh, just call me Chancellor."

"Okay, then, you can call me Scooter."

The Chancellor opened the file laying on his desk and began paging through it.

"I had my secretary pull your file. You've had quite an academic career, Scooter."

"Yeah, I guess you could say that."

"It says here that for the past 6 semesters you've enrolled, irregularly attended classes, some not at all, and you seem to drop all your courses at mid semester. Is this correct?" the Chancellor asked bewildered.

"Yeah, I like getting my student I.D. stamped. That way I get magazines cheaper and get discount rates for concerts."

"Young man, that's hardly a reason to enroll in a university."

"Well, actually Chancee, I didn't come here to discuss my scholastic report. You see the P.I. stands for Private Investigator."

"And how does that affect me?"

"Well, there was a murder not long ago at Fred's State Bank. The murderer was captured and he claimed to have been payed by a source which identified himself as A.E. Now I checked the books at the bank and found that the late Fred had quite a few dealings with Auxiliary

Enterprises," Scooter paused to let the clues sink in. "And I propose to determine if there is a connection."

"Are you making some sort of accusation?" The chancellor demanded.

"Maybe, but my real purpose is to find out who really runs Auxiliary Enterprises, and I was hoping you could help me."

"Well, I don't believe I can. You see, Auxiliary Enterprises is not directly controlled by me, except that I have final approval on all it does. It is operated by a group of individuals, none of which would command suspicion, in my eyes. And that I believe is all you need to know. Good day Mr. P.I."

"Huh, yeah, okay. See ya in the funny papers, huh Chancee?" Scooter said as he took leave of the Chancellor's office. As he left the outer office his nimble senses detected a small file cabinet in the corner. The marking on the cabinet was A.E.

Scooter smiled and turned to look at the secretary. He winked and said "see you in a half hour," then hastened out the door to avoid several projectiles.

Scooter pulled his Ferrari over to the curb, got out and entered his P.I. office.

"Hi guys, I get any calls?" Scooter blurted.

"I don't know, Doc's been on the phone all day," G.B. responded.

Doc hung up and looked up at his pals. "Hey guys, I got a plant trip."

"Is that like an acid trip?" Scooter asked.

"No, it means some company wants to give him a job," G.B. said.

"But you already work for me, Doc," Scooter retorted.

"I don't want to work, Scoots, I want a job," Doc said.

Scooter finally realized he was losing his trusted assistant. Mabe he should have paid him money instead of just buying him beers.

"Don't worry Scooter, I don't graduate till December. I can help you till then," Doc reassured.

"Yea, okay, we ought to finish this case by then," Scooter said as he headed for the door. "I'm gonna see if we got any mail."

Scooter walked out the door and noticed a dark blue van across the street. There was no mail in his box so he thought maybe the van was the mailtruck. He started to walk over to it when a gun

See
Scooter
page 16

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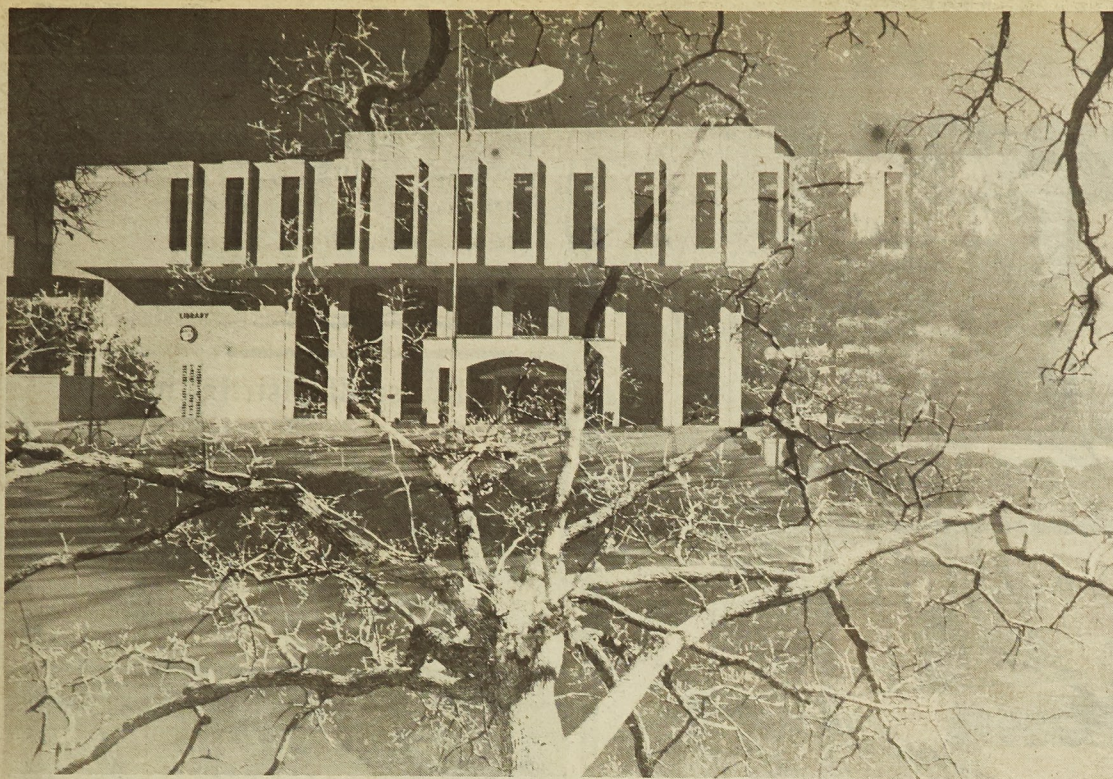
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CELLAR GAMES
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10:00 a.m.-12:00 p.m. midnight



One of the many branches of UMR's Curtis Laws Wilson Library.

(Photo by Wellington)

Inventive From page 9

dots. Some crazy but acceptable solutions are putting the dots on bugs so that the dots move, or having the dots mel table, this way one line or one dot will connect them all.

Dr. Sparks did give some questions to help a beginner start to think inventively. One of the simplest questions is to ask "What can be done with it?" Given something unusual or usual what new way can you use it. Also "why does it occur?" is a good question. The best and

hardest questions is "What if?" "What could it mean in a new context?"

Dr. Sparks was quickly running out of time so he labeled a few methods of inventive thinking. Reasoning by analogy is a big one. Take something that is similar and try to draw parallels between the two problems. A simple way is to redefine the assumptions behind the problem. Try to find implicit assumptions that would bar certain

solutions and then take those assumptions away. For example, take away the assumption that one cannot fold the paper that the dots are on. A good way for

engineers is called fudging toward the ideal. If a problem is given, assume

ideal conditions and create an answer. Then take away those ideal conditions and try to find a solution that is close to the idea. In all these

methods it helps to follow a specific train of thought. Try to be orderly in your assumptions and in your

Break from page 6

opportunities for caring and begin to understand the ultimate benefits to be derived from a care-filled life.

Once a caring consciousness has been "raised" each individual must define and chart his own caring network, an interconnected system of friends, family, and associates through which care is given and received. A secure caring network will restore and sustain feelings of belonging and self-worth and will offset the dehumanizing forces of modern times — the Me Decade.

The techniques of caring must then be learned and practiced. Dr. Bach defines these techniques and offers a wide array of tools for developing caring skills: self-charting devices, exercises, diagrams, and suggested daily programs designed to get us in psychological shape for caring. Only after these caring practices are learned, and as they are maintained and refined, can

we offer genuine care to others and receive care in return. The acceptance, love, and recognition we receive as a result of caring for others, become the forces that enrich our lives.

In time, the authors conclude, caring must become social policy. With a consistent, across-the-board caring program we can begin to develop a national caring consciousness and can turn the Me Decade into the We Decade.

George R. Bach, Ph.D., is a world-famous psychologist and the founder and director of the Institute for Group Psychotherapy in Los Angeles. In addition to A Time For Caring and The Intimate Enemy, he has written many bestselling books including Stop! You're Driving Me Crazy, Creative Aggression, and Intensive Group Therapy. Currently, he lives in Los Angeles and is at work on two new books.

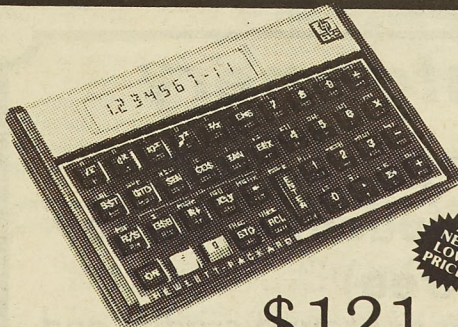
Laura Torbet, a New Yorker, is the author of more than fifteen non-fiction books including How To Fight Fair With Your Kids ... And Win.

solution.

At the very last Dr. Sparks wished everyone well in his search for those illusive problems. He showed a cartoon of a frog going after a fly. The frog flicked his tongue right around that fly but low and behold that little fly took off and pulled that

frog right off his lilypad. The frog is the unknowing student and that little fly is that little problem that he catches and being the inventive thinker he is, the problem becomes so big (and exciting) that it carries him up, up and away.

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THE 365 SPORTS-FACTS-A-YEAR CALENDAR is a daily roster of the best, worst and most memorable oments in every currently popular sport. Highlights include the day sportscaster Ronald Reagan provided radio coverage of the University of Michigan football game in which Gerald Ford played, the date Wilt Chamberlain scored 100 points against the New York Knicks, the Dempsey/Tunney long count. There are entries too from the annals of baseball, tennis, golf, swimming, more, and profiles of sports personalities from Jesse Owens to Seattle Slew, from the 1888 Yale University football team to the two Sugar Rays.



BOOKS & THINGS

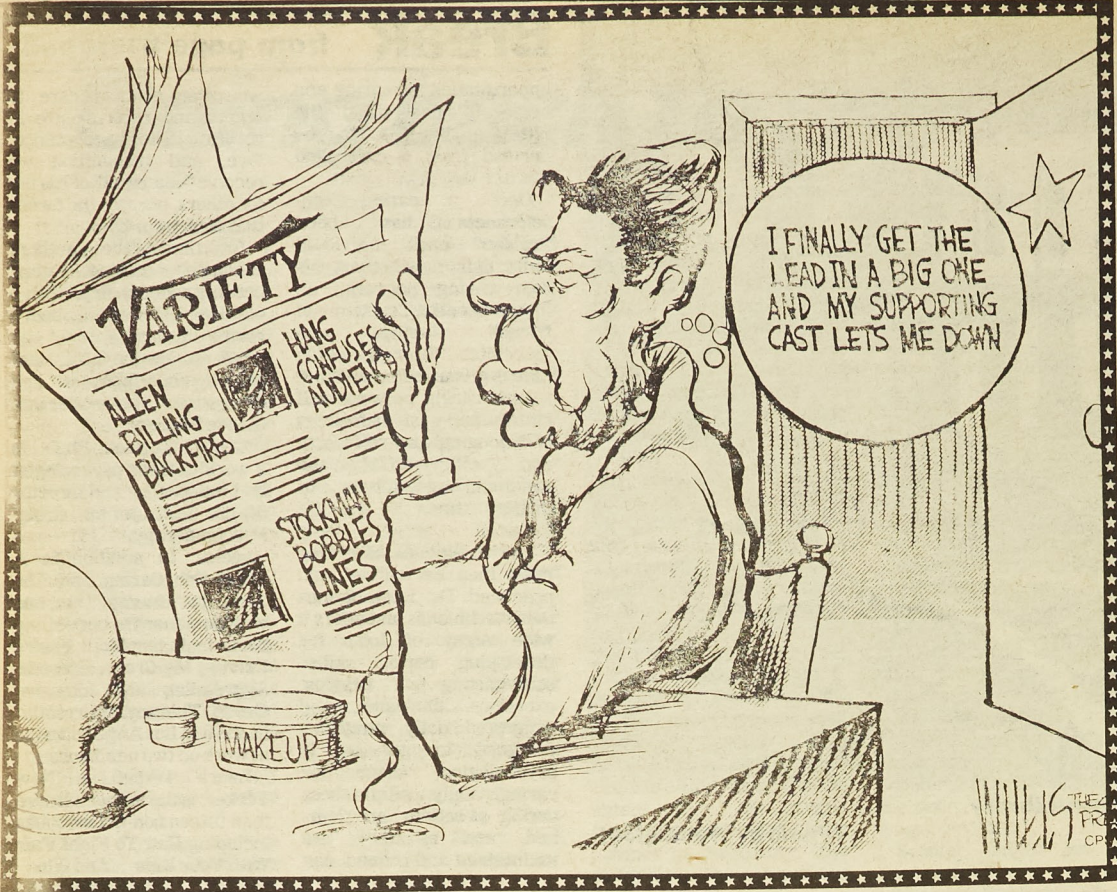
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Ransdall Distributing & Coors Beer would like to congratulate Sigma Chi Mu Fraternity on their 1st Year Anniversary this Thursday, Nov. 3, 1981. Congratulations and Best Wishes!

For a Merry Christmas and an HP New Year: An HP-41C Calculator

Fair From page 5

would be opened as a student study space as soon as metal gates could be purchased to shut off the serving area from the tables. With the library packed every night we felt this could be a real positive change. Within a matter of a few weeks the Gallery was expanded and the Deli was built, in fact every change that directly generated in-

come was accomplished. Well, I thought they did a lot of advance work on these other projects. I'll give them some more time. Well, finals week is almost here and no barriers. When I asked about this early in the year I was told that there was difficulty in locating barriers. Well, considering that I've seen such barriers installed in shopping centers

and that the Deli is enclosed in barriers (originally planned for, but still barriers) I thought I'd mention the idea and see if that might help us find a barrier.

What I'd like you all to do is keep your eyes open and try to find a source of these rare devices.

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The Diehl Montgomery Student Finance Plan
 (The Originator of the Student Finance Plan in this Area)

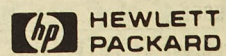
This plan allows the students upon approved credits and job, to buy a new car with nothing down and payments of \$25.00 per month until you are on the job. This plan is not new. Diehl Montgomery has sold over 1000 new cars and trucks to graduating students this way. See us for the details. Also you can use your own insurance or ours.

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(Photo by Wellington)

Dr. Azbel authors Book

SOURCE: OPI

Dr. David Azbel, professor of chemical engineering at the University of Missouri-Rolla, is author of a book, "Two-Phase Flows in Chemical Engineering," published recently by Cambridge University Press.

The UMR chemical engineering department invites everyone interested to meet Dr. Azbel at a

reception in his honor from 3 to 4:30 p.m. Friday, Sept. 25, in the Mark Twain Room, University Center-East.

Dr. Azbel has been on the UMR faculty since March, 1980. He is a native of

Russia, and taught at Moscow's Polytechnic Institute, the University of Minnesota and the State University of New York, Stony Brook, before coming to UMR.

<p>TELLE ROTORCRAFT Experimental Rotorblades (10' long, 7" chord; 6061 T6; flush rivets). For gyrocopters and helicopters. Rotor hubs and Rotor heads for gyrocopters. Rotorblade info. pkg. \$3.00. Offset Gimbel Head Plans \$8.00</p>		<p>TELLE FOREIGN CAR Machine Shop, Parts, Service, and Reman. VW air cooled engines for Auto, Airboats, Aircraft and Gyrocopters. Ferrous Metals magnafused (up to 700 amps). (314) 364-3376 Hwy. 63 N. Rolla, MO 65401</p>
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TODAY, Dec. 3, ALL DAY...

"LASER PHOTOGRAPHY SALE"

by June Schlecker
in the
University Center West Foyer

Help Wanted

Dear Help Wanted,

This is sure a mess! You see, schedules were sent out over Thanksgiving and for the first time I've got all my classes just where I planned them. So what am I complaining about?

You see, last month when I planned my schedule my girlfriend and I were just great so we planned our entire schedules alike. Now she's dating this lower guy that I can't stand and she's turned into a real B.

I don't want to see her everyday in every class, but this is a great schedule. What should I do?

—Big Mistake

Dear Big Mistake,

I guess this will teach you to make your schedule out alone. Even if you were

dating wouldn't all your classes together be a little too much?

You'll have to decide how much this girl in your class is going to bother you. If enough, change your schedule so you won't meet. Fighting Parker Hall may not be worth the hassle. Judge for yourself.

Dear Help Wanted,

When I was home over the holidays my friends and relatives were asking me what I wanted for Christmas and making all these expensive suggestions. I said I didn't want anything but they kept on saying "But, it's Christmas."

My problem is finances. I've tried to save some money for Christmas, but I don't have nearly enough for

all the gifts I have to buy. My cheap gifts will look so horrible next to all the nice things they were talking about.

What should I do? Sign me.
—Wish I Were Rich

Dear Wisher,

You are rich, in your heart, so this is where your gifts should come. Try to use your imagination and make some gifts this Christmas. Can you build or sew? Little things can mean alot if the thought is there.

Planned Parenthood Central Ozark

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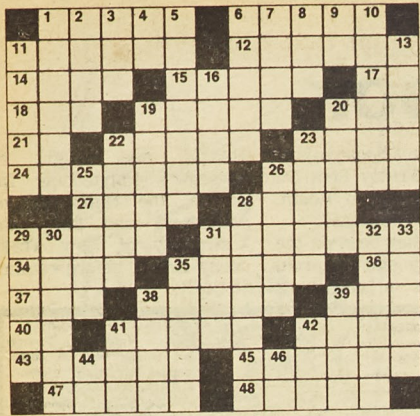
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KEVIN ISOM 364-8535



**CROSS
WORD
PUZZLE**

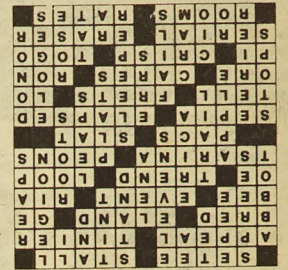
FROM COLLEGE
PRESS SERVICE

- ACROSS
1 Mediter-
anean vessel
6 Bog down
11 Plea
12 Smaller
14 Raised
15 African

- antelope
17 Earth god-
dess
18 Insect
19 Occurrence
20 Inlet
21 Digraph
22 Inclination
23 Noose
24 Alexandra,
e.g.
26 Mexican
laborers
27 Moccasins
28 Lath
29 Cuttlefish
31 Passed by
34 Narrate
35 Stews
36 Behold!
37 Mineral
38 Concerns
39 King Arthur's
lance
40 Greek letter
41 Brittle
42 African
region
43 Soap opera,
e.g.
45 Pencil part
47 Quarters
48 Evaluates
DOWN
1 Frolics
2 Fencing
sword
3 Man's nick-
name
4 Diphthong

- 5 Football
teams
6 Remain erect
7 Shade
8 Conjunction
9 Chinese mile
10 Vast throng
11 Monastery
head
13 Harvests
16 Girl's name
19 Heath
20 Cheers
22 Spoor
23 Jumps
25 Fruit
26 Real estate
maps
28 Railroad car
29 Ceases

- 30 Weirder
31 Transgresses
32 Encomiums
33 Giver
35 Falls short
38 Stuff
39 Flower
41 Labor org.
42 Make lace
44 Artificial lan-
guage
46 Sun god



Puzzle Answer

Scooter from page 12

muzzle appeared from the driver's window. Scooter quickly dove behind his Ferrari as bullets riveted off the side of the Mustang body. The van roared past Scooter as he rolled into the gutter to avoid further assault. Suddenly Doc and G.B. were at the office door returning the fire as the van quickly sped away.
"You okay, Scoots?" Doc yelled.
"Yeah. Look, I found a quarter in the gutter!" Scooter replied.

"Sounds like his usual self to me," G.B. said to Doc. "What was that all about, anyway, P.I.?"
"Gentlemen, I believe that van was sent to scare us," Scooter stated.
"Scared the hell outa me," Doc said. "Who sent it?"
Scooter looked out where the van had headed. "If I'm right, it's Auxiliary Enterprises!"
Later that night... Scooter fumbled with the lock on the side door of Parker Hall.

"Hurry up Scooter. I could get kicked outa school if I get caught," Doc said.
"I almost got it, there!" Scooter whispered back to Doc. "Come on, let's go."
Scooter and Doc climbed the steps to the Chancellor's office. Scooter pulled out his lock picks once again and proceeded to open the door.
"Somebody's comin'" Doc told Scooter.
The footsteps became clearer. Someone else was climbing the steps to the second floor.

Scooter succeeded in opening the door and he and Doc ducked into the Chancellor's outer office. Scooter quickly began searching through the file cabinet marked AE.
"Damn," Scooter blurted. "What's the matter, Scoots?" Doc whispered.
"This is just a file on all students whose names are between A and E."
"Shhh, somebody's outside the door."
Scooter quickly ducked behind some more filing

cabinets as Doc dove under the secretary's desk.
As they did this the door opened and three men entered.
"Step into my office, gentlemen," Scooter heard the voice say, the voice of the Chancellor.
The men proceeded into the inner office and closed the door.
Scooter and Doc listened to the Chancellor talking to the two other men.
"Hocker, Spike, sounds like you two did a good job

scaring this mediocre Private Eye. But, if he doesn't get off this case I want him eliminated. Too bad Scarface got caught, now we'll have to find another hitman. You boys start looking tomorrow, and make sure he's good, I won't mind seeing a bullet in Scooter P.I.'s forehead!"
Doc suddenly heard a loud gulp and turned to see Scooter passed out behind the cabinets.
Next Week: Auxiliary Attack.

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From all of us to all of you

Greetings of the Season

CREW PERSON OF THE DECADE
PEARL DE FRIEZE
CREW PERSON OF THE MONTH
ALEXIA ARENSMEIER

CREW BIRTHDAYS

Dec. 6-Kimm Boeker	Sagittarius/Turquoise
Dec. 6-Ken Boeker	Sagittarius/Turquoise
Dec. 6-Chrissy Yuhas	Sagittarius/Turquoise
Dec. 6-Becky Lindsey	Sagittarius/Turquoise
Dec. 7-Michael Peterson	Sagittarius/Turquoise
Dec. 10-Jerry Ann Farnsworth	Sagittarius/Turquoise
Dec. 12 Tracy Butcher	Sagittarius/Turquoise
Dec. 13-Millie Weinbaum	Sagittarius/Turquoise
Dec. 13-James Sumrall	Sagittarius/Turquoise
Dec. 17-Lisa Crates	Sagittarius/Turquoise
Dec. 17-Alexia Arensmeier	Sagittarius/Turquoise
Dec. 23-Renee Remy	Sagittarius/Turquoise
Dec. 27-Sheryllyn Vena	Sagittarius/Turquoise

UMR INTRAMURALS - MEN

Athlete of the Week
Brian Candido, Sigma Pi
Ellis Short, Sigma Nu

Team of the Week
Sigma Nu
Sigma Nu

UMR INTRAMURALS - WOMEN

Athlete of the Week
Betsy Stout, ZTA
Lisa Pasley, Newman

Team of the Week
WRHA
Melting Pot

BILLIARDS
GDI, 1st place, TJHA, 2nd place.

UMR VARSITY SPORTS HOME GAMES

Men's Basketball-Dec. 2, Westminster College, McDonald's Shootout at 1/2 time. Dec. 8-Mo Valley College, McDonald's Shootout at 1/2 time.

Swimming-Dec. 12, Drury at 1 p.m., Women's Basketball-Dec. 1-William Woods College at 7:30 p.m., Dec. 4-Southeast Missouri State at 7:30 p.m., Dec. 8-Southwest Baptist College at 5:00 p.m., Dec. 10-Harris Stowe College at 7:30 p.m.

ROLLA HIGH SCHOOL VARSITY HOME GAMES

Boys, Dec. 8-Rolla vs Houston, Dec. 18-Rolla vs Washington, Girls, Dec. 3, Rolla vs Hodston, Dec. 7, Rolla vs St. Clair, Dec. 10, Rolla vs Lebanon.

ROLLA CHRISTMAS PARADE DECEMBER 5

BULLDOGS FOOTBALL TEAM

Congratulations Rolla Bulldog's football team and coaches for a great season including the state playoffs

SECRETARIES CORNER

Next meeting December 8th, 6:00 p.m. at Oriental Gardens, 7:30 p.m. move to Phelps County Bank, Conference Room, for Xmas party and auction. For further information, call Karen Matlock 341-4197 or Louise Hamilton 368-3161.

SECRETARY OF THE MONTH
BEVERLY DURBAUGH
SECRETARY TO DIVISION ASSISTANT CONTROL OFFICER, DIVISION CREDIT MANAGER AT CON AGRA, INC.

FOR GRADE SCHOOL AND JUNIOR HIGH
What gets wetter the more it dries?

Answer _____
Name _____
Fill out and give to manager-win a bag of fries. (One winner per person per month.)

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
DECEMBER 1981						
Rolla McDonald's Calendar of Events						
UMR MEAL PLAN 4 Ed Austin: "Have you any sentimental Christmas cards?" K Mart Salesgirl: "Here's a lovely one. To the Only Girl I Ever Loved." Ed Austin: "That's fine. I'll take six - no make it ten of those, please."	SLOGAN NIGHT 7 "Choosey cheese choosers always say cheese please when they choose the cheese in the cheese-burgers at McDonald's." Say it in 2 seconds-win a bag of fries. 6 p.m. to 9 p.m.	LIARS NIGHT 8 So-So Fib-win a burger. Classic Fib-win a breakfast. 6 p.m. to 9 p.m. "Missing regular eating cause finals are too near. Drive-thru your McDonald's, we know your time is dear."	BUBBLEGUM NIGHT 9 1" bubble-win a bag of fries. 3" bubble-win a burger. 5" bubble-win a breakfast. 6 p.m. to 9 p.m. "The tinkle of jingle bells hooked on a sleigh. Straight to McDonald's. As horsey leads the way."	HULA HOOP NIGHT 10 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. "When the mercury has fallen and the temperature drops low. A warm lunch at McDonald's is the only way to go!"	GOLDEN ARCHES CLUB 4 Archie (GA No. 110). "The laundry made a mistake & sent the wrong shirt. This one's so tight I can't breathe!" Bill (GA No. 111): "That's your shirt all right, you've got your head thru the buttonhole!"	DAVE'S BARBER SHOP 5 (Rolla's Clip Joint) Dave: "I know a fellow who got into trouble being frank and earnest." Lloyd: "Yeah!" Dave: "Yeah, Frank in New York and Ernest in Chicago."
UMR MEAL PLAN 13 Professor Rodney Shafer: "I won't begin today's lesson until the room settles down." Jeff Davis: "Go home and sleep it off, old man."	SLOGAN NIGHT 14 "Two all beef patties, special sauce, lettuce, cheese, pickles, onions on a sesame seed bun." Say it in 3 seconds-win a bag of fries. Say it in 2 seconds-win a breakfast. 6 p.m. to 9 p.m.	CALL OF THE WILD NIGHT 15 Wolf howl-win a bag of fries. Torzan yell-win a burger. Coyote howl-win a breakfast. 6 p.m. to 9 p.m. "Quarter pounder sandwich is McDonald's shining star. It's got a special flavor that outshines the rest by far."	BUBBLEGUM NIGHT 16 1" bubble-win a bag of fries. 3" bubble-win a burger. 5" bubble-win a breakfast. 6 p.m. to 9 p.m. "When waiting for Santa and time's going slow. Stop in at McDonald's for a McChicken to go."	HULA HOOP NIGHT 17 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. "When the Xmas play is over and your're taking home the star. Congrats! and hot fudge sundae will extend the night by far!"	Louise Maggi: "You say I'm the most beautiful, divine, wonderful woman in the world? Are you trying to flatter me?" Him: "No, I'm trying to kiss you!"	Naomi Key: "What do you do when you see an unusually beautiful girl?" Betty Franz: "I look for a while, then I get tired and lay the mirror down."
UMR MEAL PLAN 20 Dan Brown: "What would you do if I kissed you?" Pattie Sommers: "I'd call my brother." Dan: "How old is he?" Pattie: "Two and a half."	SLOGAN NIGHT 21 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.	WHISTLER'S NIGHT 22 Wistle Dixie-win a burger. 6 p.m. to 9 p.m. "When you're tired of Xmas shopping but you still have more to do. Give certificates from McDonald's before you blink you're through."	BUBBLEGUM NIGHT 23 1" bubble-win a bag of fries. 3" bubble-win a burger. 5" bubble-win a breakfast. 6 p.m. to 9 p.m. "When all the gifts are open and there's nothing left to do. A trip to your McDonald's can make the day like new!"	HULA HOOP NIGHT 24 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. "The supper before Christmas put them all at ease. It was held at McDonald's where they guarantee to please."	Margaret: "I baked you some biscuits today. Would you like to take your pick?" Rick Weaver: "No thanks, I'll use the hammer, as usual!" 60 or older join the Golden Arches Club for free. Absolutely no charge at any time. Trade with the line merchants who honor your cards with special discounts.	Mrs. Jerry Berry: "The post 19 offices are very careless sometimes, don't you think?" Mrs. Morris Fine: "Yes dear, why?" Mrs. Jerry Berry: "My husband sent me a postcard yesterday from Chicago, where he is staying on business and the silly post office put a Las Vegas mark on the envelope."
UMR MEAL PLAN 27 Craig Thomas: (as they drive along a lonely road) "You look lovelier to me every minute. Do you know what that's a sign of?" Sue Robbins: "Sure, you're about to run out of gas."	LAUGH NIGHT 28 Laugh for 30 seconds-win a bag of fries. Laugh for a minute-win a burger. 6 p.m. to 9 p.m. "When the kids are crabby and kickin' Calm them down with hot McChicken."	TONGUE TWISTER NIGHT 29 1 of 3-win a bag of fries. Right 1st time-win a breakfast. 6 p.m. to 9 p.m. "When a little buddy's stocking needs a gift that's really neat. Cookies from McDonald's will be a special treat."	BUBBLEGUM NIGHT 30 1" bubble-win a bag of fries. 3" bubble-win a burger. 5" bubble-win a breakfast. 6 p.m. to 9 p.m. "As cold as winter's snowflake, as fresh as spring's first breeze, McDonald's Hot Fudge Sundae is a treat that's sure to please."	HAPPY NEW YEAR'S EVE 31 New Year's a time to remember. The joys and sorrows of January to December. So tonight during your celebration. Give thanks for living in the world's greatest nation.	BIRTHDAY PARTIES We cater to all ages. No fuss! No muss! Call us! 341-2180, ask for manager. McDonald's birthday cakes available for home parties.	SECRETARIES Right answer wins a breakfast. Answer _____ Name _____ Fill out and give to manager. One winning entry per month.

Cannon paces Miners in tourney...

SOURCE: OPI

The University of Missouri-Rolla men's basketball team failed to escape from the Bellarmine Tournament in Louisville,

Ky., with any victories, but they did discover a new weapon for the 1981-82 season.

Playing in his first games in a Miner uniform, junior

guard Rickie Cannon gunned in 56 points and grabbed 16 rebounds during a 70-59 loss to Savannah State and an 85-74 loss to Pikeville College Nov. 21-22.

Cannon connected for 32

points against highly-touted Savannah State, hitting on 15 of 21 field goal attempts. The next afternoon, the 6' 3" junior college transfer chipped in with 24 points, firing in 10 of 20 shots from the floor. During that span he was a perfect six for six from the free throw line and led the team in assists with seven.

"He had quite a debut," said Head Coach Billy Key. "I really think Rickie is going to be an excellent player in the MIAA and will be a fun player for the fans to watch."

Despite losing both games of the tournament, UMR benefitted from the experience, Key said.

"We really needed to get a couple of games under our belts," he said. "We have a very young team and they were nervous and anxious to get some floor time in."

At one point, the Miners had freshman forwards Zol Singleton and Curtis Gibson on the floor with sophomore guards Kent Dinsdale and Todd Wentz.

"We are inexperienced, but have some talented players who should come on quickly," Key said. "We are throwing them right in there this season and giving them a chance to play."

UMR battled Savannah State throughout most of the game, thanks to the hot hand

of Cannon. En route to the NCAA Division III national tournament last season, Savannah State compiled a 24-5 record. Their stalwarts from that exceptional team returned, making things tough for the visiting Miners.

Against Pikeville College, UMR had to play without starters Jeff Davis (influenza) and Leonardo Lucas (jammed hand), cutting the Miner offensive charge considerably.

"We would have enjoyed coming away from this tournament with at least one victory, but regardless, it was something we really needed," Key said of the tough competition. "Now we need to get things on the right track at home."

... and Gibson leads team to first win

"It is always a good feeling to get that first win under your belt," said University of Missouri-Rolla head basketball coach Bill Key following the Miners' 82-78 win over Maryville College Nov. 24. "I thought some of the younger players did an outstanding job."

The victory raised UMR's record to 1-2 overall, and set the stage for three games this week. After hosting Westminster Dec. 3 in a 7:30 p.m. contest, the Miners hit

the road for a pair of games Dec. 4-5 in the University of Missouri-St. Louis Classic.

UMR plays Lindenwood at 7 p.m. Friday and then battles Harris-Stowe in a 7 p.m. game Saturday.

In the win over Maryville College, freshman forward Curtis Gibson fired in 27 points and grabbed 11 rebounds to pace the Miners. Junior guard Rickie Cannon added 20 points, giving him a 25.3 average after three UMR games this season. Leonardo Lucas added 11

points and Zol Singleton ten to round out the double figure attack.

"We looked a little better against Maryville College," Key said. "We still need to improve defensively, but hopefully some of those problems will subside as the team gets a few more games into the season."

After the UMSL Classic, the Miners host Missouri Valley Dec. 8 and travel to Evangel Dec. 12 before breaking for the Christmas holiday.

Volleyball and soccer playoffs next week

By JOHN DANIEL

Regular season play in intramural soccer and volleyball will conclude this evening and several of the games will determine playoff-bound teams.

The volleyball playoffs will be held this Monday and Wednesday. TJ will face Sig Nu and TKE will take on Beta Sig in the semis. Delta Tau has clinched a spot in the Division II semis, but the remaining teams will not be determined until tonight.

The soccer playoffs will

take place next Tuesday and Thursday. Kappa Sig will face the winner of tonight's TKE versus Sig Ep game, and Sig Nu will battle the winner of a three-way coin flip between Beta Sig, Tech Engine, and GDI. Delta Sig and Sig Pi have clinched berths in the Division II playoffs.

Intramural racquetball concluded this week and TKE won the team title. Chris Carpenter, who also played on TKE's winning tennis team, combined with Mike Beckman in doubles

and Greg Gage in singles to sweep the racket sports this semester.

Rich Henry from PiKA won the singles tournament while TJHA's Ron Davidson took second. Independents Dave Carl and Jeff McKee won the doubles tournament when they defeated KA's Bill Mech and Kirk Maguire for the championship.

Double elimination tournaments in singles and doubles table tennis continued this week and will conclude next Thursday.

Sports

Thursday, Dec. 3, 1981

MISSOURI MINER

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Intramural Volleyball Standings

Division I

League I		League II	
TJHA	6-1	Beta Sig	7-0
TKE	6-1	Sig Nu	6-1
GDI	5-2	Sig Ep	5-2
PIKA	5-2	Sig Pi	4-3
Delta Sig	3-4	Phi Kap	3-4
Lambda Chi	1-6	ROTC	1-6
KA	1-6	RHA	1-6
Triangle	1-6	Kappa Sig	1-6

Division II

League I		League II	
Sig Tau	6-0	Delta Tau	7-0
CSA	6-1	A Phi A	5-2
Newman	5-1	Tech Eng	4-3
MHA-West	3-4	A E Pi	4-3
MHA-East	2-4	CCH	4-3
Campus	1-5	Theta Xi	3-5
Wesley	1-5	ABS	2-5
BSU	1-5	Vets Club	2-5
		Pi Kappa Phi	1-6

WOMEN'S DIVISION

League I		League II	
ZTA	4-0	WHA	5-0
TJHA	3-1	ABS	4-1
Stardusters	2-2	Chi O	3-2
KD	1-3	Newman	2-3
GDI	0-4	Wesley	1-4
		D of N	0-5

Intramural Soccer Standings

Division I

League I		League II	
Kappa Sig	5-1	Sig Nu	5-0
Beta Sig	4-2	TKE	4-1
Tech Eng	4-2	Sig Ep	4-1
GDI	4-2	Phi Kap	3-2
TJHA	2-4	Sig Tau	2-4
PIKA	2-4	Triangle	1-5
RHA	0-6	KA	0-6

Division II

League I		League II	
Lambda Chi	4-1	Delta Sig	7-0
Wesley	4-1	Sig Pi	6-1
MHA-East	4-1	Campus	5-2
Newman	3-2	AEPI	3-3
CCH	3-3	ROTC	3-3
MHA-West	1-5	Delta Tau	2-5
BSU	0-6	Theta Xi	1-6
		Vets Club	1-6

Women's League

Stardusters	5-0
TJHA	4-2
Chi O	3-2
KD	3-2
D of N	1-4
WHA	1-4
ZTA	1-4

Women drop to 1-4...

By LISA GALLAGHER

This week, the UMR women's basketball team returned from the University of Missouri-St. Louis Thanksgiving Tournament dragging a 1-4 record behind them.

The Miners lost to Eastern Illinois 80-51 in the opener of the tournament and then were eliminated after a 76-66

loss to Southeast Missouri State.

"We were not shooting very well from the floor," said Coach Cathie Schulte in explanation of UMR's poor showing. "Eastern Illinois is a very good team. We knew it would be one of our tougher games."

She continued, "With Southeast we simply waited too long. At one point we were down by 22 points and came back to within 7, but

we just didn't start the drive soon enough. We also had to play two games in one day which is rough."

Early in the season the UMR women won against the School of the Ozarks with Leslie Behm scoring 20 points for Rolla. Since then, however, the young team has had trouble coordinating their efforts. As coach Schulte puts it, "We just haven't clicked, but we plan on turning things around

very shortly."

For the rest of the semester, the Miners will enjoy the homecourt advantage. UMR hosts William Woods December 1, Southeast Missouri December 4, Southwest Baptist December 8, and Harris-Stowe December 10. All the games are at 7:30 p.m. with exception of a 5 p.m. start on December 8.

Come out and show the team your support.

...after beating Ozarks

SOURCE: OPI

Leslie Behm hit two free throws with four seconds left to clinch a 74-70 victory over the School of the Ozarks Nov. 20 — evening the University of Missouri-Rolla women's basketball record at 1-1.

Behm now leads the Miners in scoring with a 19.0 average after two games. She connected for 20 points against School of the Ozarks and 18 in a loss to Southwest Missouri State.

"We stayed in the game by

hustling," Coach Cathie Schulte said. "Leslie and Laurie Behm, along with Gail Halsey and Linda Hill, did a good job defensively."

UMR trailed by as many as ten points in the second half, before overtaking the

home team late in the contest.

"We played uptight during parts of the game," Schulte said. "But they did not have as much depth as we did, and that eventually helped us come out on top."

Swimmers fourth in home meet

SOURCE: OPI

The University of Missouri-Rolla swimming team placed fourth in a field of eight teams in the 8th Annual Coca-Cola Relays held Nov. 21 at the UMR pool.

Friday night the Miners placed third in the 1st Annual Coke Classic.

UMR finished fourth in the relays behind SIU-Carbondale (346 points), University of Missouri-Columbia (288) and Drury (282). UMR's 248 points edged out Southwest Missouri's 246 tallies.

SIU-C also won the Coke Classic, slamming all competition by almost a 200 point margin. SIU-C finished with 532 points, followed by Drury (346), UMR (138), Arkansas-Little Rock (98), Southwest Missouri (88), St. Louis University (6) and Washington University (4).

Both meets were sponsored by the Ozarks Coca-Cola Bottling Company.

SIU-C dominated the record-setting paces in the relays, setting eight meet records and two pool records. They set nine pool records in the classic Friday night.

UMR's best finishes in Saturday's meet were third place marks by the team of Bill Becker, P.R. Stricker and Jeff Germer in the 300-yard butterfly and the team of Chris Aria, David Wisdom and Greg Holleman in the 300-yard backstroke.

Ray Gill and Rick Wild were fourth in 3-meter diving and fifth in 1-meter diving; Don Havey, Perry Wiseman and David Rose were fourth in the 300-yard breaststroke; Steve Werling, Wisdom, Joe Baldi and Jerry Flowers finished sixth in the 200-meter freestyle; Stricker, Becker and Joe Perich were fifth in the 1,500-meter freestyle; Werling, Wisdom, Perich

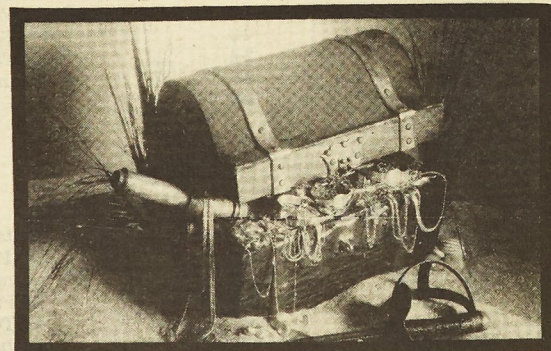
and Watkins were fifth in the 500-meter freestyle; Aria, Wisdom, Flowers and Havey were fifth in the 400-meter freestyle; and Ed Krygier, Marc Campbell, Ralph Thielking and Mike Walsh were sixth in the 400-meter individual medley.

Aria, a freshman at UMR, led the Miners in the Coke Classic, finishing second in the 200-meter backstroke,

third in the 200-meter individual medley and third in the 100-meter backstroke. He qualified for the nationals

with his time in the 100-meter backstroke.

Coke's athlete of the meet, presented to the top UMR swimmer, was awarded to Aria in the Coke Classic and Flowers in the Coca-Cola Relays. Flowers had his career-best time in the 100-meter freestyle.



See Finch Jewelry for Rings and Things

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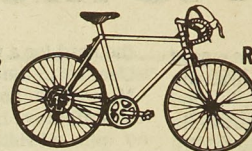
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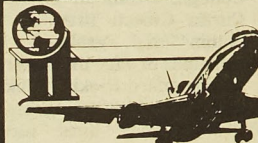
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* Home Team

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CLEVELAND 24

PROBABLE LOSERS & SCORES
*HOUSTON 23

SATURDAY, DECEMBER 5, 1981

GEORGIA 31
*HAWAII 14
NAVY 24

*GEORGIA TECH 14
SOUTH CAROLINA 13
ARMY 7

SUNDAY, DECEMBER 6, 1981

ATLANTA 17
*CINCINNATI 21
DALLAS 27
*DENVER 17
DETROIT 20
LOS ANGELES 17
*MIAMI 24
MINNESOTA 16
NEW YORK JETS 24
PHILADELPHIA 20
*ST. LOUIS 21
*SAN DIEGO 24

*TAMPA BAY 16
SAN FRANCISCO 20
*BALTIMORE 13
KANSAS CITY 16
*GREEN BAY 19
*NEW YORK GIANTS 16
NEW ENGLAND 23
*CHICAGO 13
*SEATTLE 20
*WASHINGTON 17
NEW ORLEANS 20
BUFFALO 23

MONDAY, DECEMBER 7, 1981

PITTSBURGH 20

*OAKLAND 17

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RIFLE TEAM

The UMR Varsity Rifle Team trip on the weekend of Nov. 14th was the best trip in several years for the team. Competing in matches held at Xavier University in Cincinnati, Ohio, and at the University of Kentucky in Lexington, Kentucky, UMR posted aggregate scores of 4273 and 4291 respectively, large improvements over the best scores of last year and several years back.

These matches run for two weeks, with up to 220 teams competing in many categories, so final team placements are not yet known. UMR, however, held first place in Cincinnati and

second place in Lexington at the midpoint of the competitions, a good sign indeed. It is highly probable that UMR will place within the top three of at least one of the matches.

The teams excellent performance came as a direct result of the efforts of each team member. Under Team Captain Steve Herzog's guidance, the team showed amazing depth. Herzog, along with Frank Wirtz, Greg Hardy, and Robin Thompson, reached individual high scores with Wirtz and Hardy setting personal records in both matches.

Several team records were broken as well. Wirtz shot a 91 standing position, a

record for UMR. Herzog hit a 1087, the highest individual score in many years. But Steve wasn't alone at the top — Thompson posted a 1086 with Hardy right behind at 1084, both outstanding scores.

UMR's excellent performance will do much to raise the opinions of the university held by teams nationwide. With greater recognition, a larger number of teams are expected to attend the Miner Invitational, which is held in March of each year. The Invitational has been growing in popularity in the last few years, until it is one of the major midwestern matches held in the spring semester.

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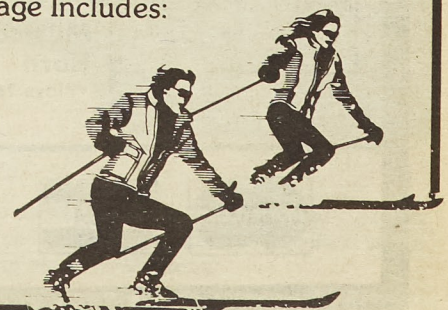


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