



29 Oct 1981

The Missouri Miner, October 29, 1981

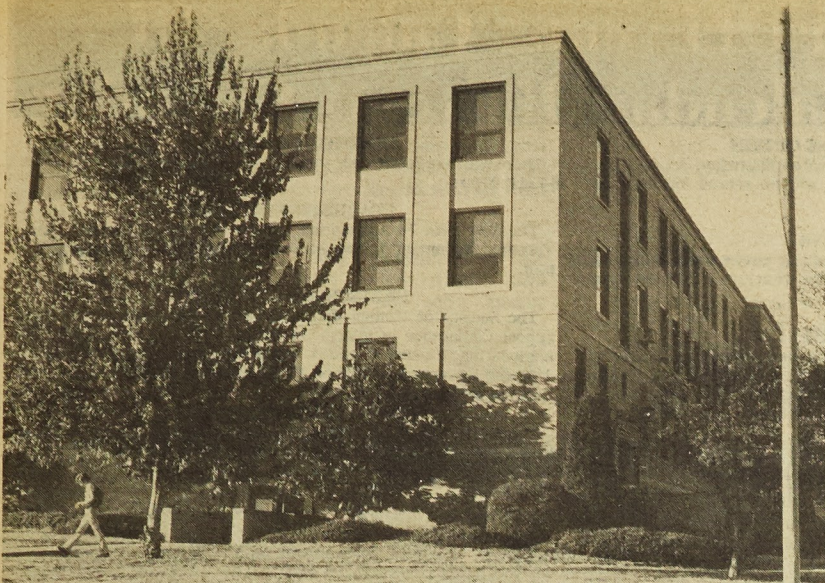
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Improvements and renovations will be made to Shrenk Hall. Two construction contracts were awarded one for \$1.37 million for interior renovations, and one for \$204,332 for lab equipment.

(Photo by Gieseke)

FORTTRAN to be taught in sections

By KEVIN FARRELL

The Computer Science Department will have some changes for next semester.

For one thing, Comp. Sci. 73 will be a little different next semester. The class will be split up into a two hour lecture with a one credit hour lab. The two hour lecture will be known as Comp. Sci. 73 and will still be on videotape. Comp. Sci. 101 is the new lab.

The new lab will use terminals (not cards) to help students to implement the programs associated with learning FORTTRAN. The lab will meet for one two-hour session each week. The student is expected to be able to complete the homework assigned for the week within the two-hour lab.

Programming assignments will not be part of the grade in Comp. Sci. 73. Programs assigned in Comp. Sci. 73 will be treated as optional homework. Comp. Sci. 101 will consist of only

programming and will be conducted in a structured lab. The grade in Comp. Sci. 101 will be completely determined by programming proficiency.

Comp. Sci. 101 must accompany Comp. Sci. 73 and may not be retained if Comp. Sci. 73 is dropped during the semester.

The addition of Comp. Sci. 73 students to the already crowded terminals would be a mess. The Computer Science department realizes this and will add 16 terminals to the system. The new terminals will be located on the second floor of the M-CS building. This room will be reserved for Comp. Sci. 101 labs from 8 a.m. until 4:30 p.m. and again from 6:30 p.m. until 8:30 p.m. Outside of these times, the terminals will be available to everyone.

Dave Dearth, Assistant Director of the Computer Center, is planning to install eight to ten additional terminals in the library. These terminals will be for use on the local system only.

University Day Oct. 31

Everyone is invited to the University of Missouri-Rolla's University Day Saturday, Oct. 31.

The day's activities give high school students and their parents and high school faculty members a one-day sample of college life at UMR.

At the annual open house, guests of UMR may tour the campus, and get acquainted with UMR faculty, staff and

students. Registration is from 8 a.m. to noon in the Miner Lounge

Campus tours will depart from the University Center between 9 a.m. and 1 p.m.

Renovations to be made to Walter T. Shrenk Hall

By KEVIN FARRELL

The older portion of the Walter T. Shrenk Hall (Chemistry Building) was constructed in the thirties. On Oct. 9, two contracts were awarded for the renovation and provision of new equipment and furnishings for the building.

The first contract is for \$1.37 million and will cover the renovation of the structure's interior. The

interior renovation will provide for: handicapped access, life-safety code improvements, more

energy-efficient utility systems and certain aesthetic improvements.

The low bidder for this project is Rajac Construction and Development Corp. of Jefferson City.

The second contract is for \$204,332 and will provide for

students with the type of educational facilities they need and deserve," said Joseph D. Wollard, UMR

Executive Director of Administrative Services. "The

"The work...meets the needs

of enlarged programs."

laboratory and instructional furnishing and equipment. It

work will also allow Chemistry, Chemical

was awarded to American Hamilton of Overland Park, Kansas.

Engineering and Life Sciences to meet the needs of expanded and enlarged programs."

"We view this renovation effort as a way of protecting

our investment in the building and providing our

The old portion of the Walter T. Shrenk building is empty and work will begin as soon as possible, according to Wollard.

Missouri Miner

For the students of UMR

Volume 70, Number 10

Thursday, Oct. 29, 1981

Twenty Pages

SWE conference

Women recruited for engineering

By LISA GALLAGHER

As everyone on campus knows, women are entering the engineering field in record numbers. However, engineering is still considered a very male-dominated profession. The UMR chapter of the Society of Women Engineers (SWE) is doing their part to make women aware of the challenge and opportunity available to them in the field of engineering.

The eighth annual SWE Conference for High School Women interested in engineering is being held Nov. 2-3 on the UMR campus. High school students, counselors, and teachers are invited to learn about engineering careers for women at the conference. The theme is "Engineering: A Career Choice With a Future."

The seminar, which will begin at 4 p.m. Nov. 2 and close at 4:15 the following day, is designed to give participants an overview of the engineering profession. The program includes presentations by

professors and students from each engineering department, panel discussions by women engineers from industry,

campus tours, and visits to engineering departments. The high school students will also have a chance to learn about UMR admissions,

financial aid, housing, co-op program, and campus activities.

(Cont. on Page 3)



Answering questions at a UMR news conference is Rear Adm. Paul H. Speer, U.S. Navy (right) with Capt. Fred Akkerman, Royal Netherlands Navy, in the background, members of a NATO international briefing team. The five-man team from NATO's Supreme Allied Commander Atlantic (SACLANT), Norfolk, Va., visited UMR Thursday, Oct. 22.

Rollamo Senior Photographs

Nov. 2-6 and Nov. 9-13: 8:30-5:PM
G-1, Rolla Bldg -appointments or drop in.

Check out those charity Haunted Houses, ...

ads on pages 8 and 11.

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

TONIGHT'S MOVIE

The eighth movie of this semester's UMR film series is "Dona Flor and Her Two Husbands" directed by Bruno Barreto with Sonia Braga. The movie will be shown tonight in the M.E. Auditorium (Room 104). Movies will be shown every Thursday at 7:30 p.m. The cost is \$2.75 at the door or season tickets may be purchased.

GDI MEETING

There will be a GDI General Membership Meeting on Thursday, October 29, 1981 at 7:00 p.m. in Room 114 of the Civil Engineering Building. Door prizes will be awarded and refreshments will be served following the meeting. All GDI members and other independents are encouraged to attend.

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.

Editor	Mary Ford	364-5114
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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

GENERAL MEETING OF HKN

There will be a general meeting of HKN on Thursday, Oct. 29 at 6:30 p.m. in room 105 EEE. Refreshments will be served following the meeting.

HOBBY CLUB

The HKN Electronics Hobby Club is having an electronic equipment sale this Thursday and Friday, Oct. 29-30, from 8:00 a.m. to 5:00 p.m. The sale will be in Rm 205 EE.

UMR PHOTOGRAPHY CLUB

The UMR Photography Club will be having a meeting on October 29, at 7:30 p.m. in Room 125 of the Chemistry-Chemical Engineering Building. The presentation will be "Printing of Black & White Film." Everyone is welcome. Memberships will be taken.

FRIDAY

ANNUAL "NIGHT AT THE FIGHTS"

Lambda Chi Alpha will have their third annual "Night at the Fights" on Friday, Oct. 30. The action starts in the National Penant Hall at the Manor Inn at 8:00 p.m. Tickets are \$2.50 in advance and \$3.00 at the door.

SATURDAY

ROTC

Air Force ROTC is coming back to Rolla the Fall semester of 1982. Two routes to an Air Force Commission are available to college students in the Air Force ROTC. Entering students may enroll in the four-year program, or students with at least two academic years remaining in college may apply for the two-year program. Representatives from the University of Missouri-Columbia ROTC detachment will be visiting Rolla during University Day on October 31, 1981. Anyone interested in learning more about the Air Force ROTC program can visit the representatives at the University Center East on UMR University Day. For more information, call 314-882-7621.

SIGMA PHI EPSILON HALLOWEEN PARTY

Sigma Phi Epsilon is sponsoring its 5th annual Halloween Party on Sat., Oct. 31 from 9:00 p.m.-1:00 a.m. All proceeds will go to the Theta Tau Ugly Man Fund. Prizes will be given for the three best costumes. Refreshments served!!!

TUESDAY

ASSOCIATION FOR COMPUTING MACHINERY

ACM will hold their next meeting on Thursday, October 29 in room 209-209A of the Math-Computer Science building at 7:00 p.m. The guest speaker will be from McDonnell Douglas. Memberships are still available. Refreshments will be served after the meeting. Everyone is invited to attend.

SUB Scripts

Referendum Students have a say

SOURCE: STUCO

Once again prices are going up, and especially the cost of college. But there is nothing a student can do about it, right? Wrong! Students do have a voice when it comes to increases in the student activity fee, in the form of a Student Council Referendum.

The purpose of a referendum is to get a poll of the student body's opinion on different issues, in this case activity fee increases. The administration can then use the results to influence them in their decision on whether or not to implement the increases and don't let anyone tell you the results

are just ignored, they will be gone over carefully by both the Student Council and the administration, with everyone's opinion taken into consideration.

So don't pass up this big chance to tell the administration what you think. Even now your Student Council Rep has stacks and stacks of referendums just waiting to pass out to everyone. And if you live off-campus, pick one up at the library, or drop by the Student Council office. This is your golden opportunity to tell the "big guys" what you really think, so don't blow it. You may not get another chance like this for years.

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SOUTHWINDS MEETING

There will be a Southwinds meeting, Tuesday, Nov. 3 in H-SS, room 6-7 at 8:00 p.m.

PLAQUE SIGNING PARTY

The Tau Beta Pi Association will have a plaque signing party, Tuesday, November 3, 1981, at Tech Engine Club beginning at 7:00 p.m.

HIGH SCHOOL CONFERENCE

The Society of Women Engineers announces their annual High School Conference to inform interested girls of the challenges of engineering. A panel of women engineers from industry to speak at 9:00 and discussion groups on all disciplines will be held in the afternoon, beginning at 1:45.

COOPERATIVE EDUCATION CLUB

The UMR Cooperative Education Club will be having a meeting on Tues, Nov. 3 at 7:30 p.m. The meeting will be held in the Missouri Room of the University Center-East.

SAE

On Tuesday, November 3, 1981 at 7:00 p.m. in room 104 M.E. the Society of Automotive Engineers will hold their third meeting of the semester. The guest speaker will be Mr. Warren Slodowske from Edwin Cooper Company. The topic will be "Improved Fuel Economy through Engine Oils, Additives, and Synthetic Oils. Everyone is welcome and urged to come. Refreshments will be served. Memberships will be taken.

ASEM

There will be an American Society of Engineering Management meeting on Tuesday, November 2 at 6:30 p.m. in Room G-5 Humanities-Social Science. The speaker will be Mr. Jack Bethel from Deere and Company. Refreshments will be served after the meeting and memberships will be taken.

WEDNESDAY

ASCE

There will be an ASCE meeting at 7:00 p.m. in Rm. 114 CE. Mr. Morris Berk III, from Fruco Engineering, will lecture on Geotechnical Engineering. Come and see Bill Horst in a suit! Memberships are still available.

IEEE

There will be an IEEE meeting Wednesday, Nov. 4th at 7 p.m. in 105 EE. There will be a guest speaker and refreshments will be served. Memberships will be taken before and after the meeting. Please plan to attend.

NODAY

SPORTS BOOKS PUT ON RESERVE

Professor Nau has placed on reserve at the Wilson Library three sports-related books from the Remington Sportsmen's Library. They are "Skeet Shooting" (Nau's reserve No. 6), "Trap Shooting" (Nau's reserve No. 7) and "Outdoor Tips" (Nau's reserve No. 8). All interested sportsmen are welcome to use the books.

KME

KME is still holding the math help sessions in room 209-MCS every Monday and Thursday from 6:30-8:30 p.m. Applications to join KME are still available at the math office for interested students.

ATTENTION GRADUATING STUDENTS

Commencement announcements are now available in the Registrar's Office for all graduating students. These announcements are provided by the University at no cost to students who will be graduating on December 20, 1981.

BINGO NIGHT BIG SUCCESS

The evening of October 21 marked the third annual Bingo for ARC, sponsored by the ladies of Zeta Tau Alpha. The bingo night was a big success as over \$600 was raised for the Association of Retarded Citizens. The prizes were donated by area merchants and VFW donated the use of their hall and equipment. Zeta would like to thank all those who made Bingo for ARC a success.

ASSOCIATION FOR COMPUTING MACHINERY

ACM is currently sponsoring a SPACE INVADER tournament for members only. The tournament will continue to November 10, 1981 and the top three players will receive cash prizes. Sign up to play in the Software Lab in room 204 Math-Computer Science.

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No One Under 18 Admitted. All Seats \$3.00

He came for a bite... and ate the whole thing.

DRACULA EXOTICA

Popularity of "Women at Work" seminars increases

By ELLEN HENDRICKS

The "Women at Work: Research and Experience" non-credit seminars at the University Center here at UMR are increasing in popularity, and serving a real purpose, according to Martha Ford, Elizabeth Cogell, and Catherine Riordan, all of the UMR faculty. The Seminar sessions are held every Wednesday at 12:00 noon,

and participants are invited to bring their own lunch. Many registrants come from Waynesville, Newburg, and Owensville, as well as from Rolla.

The presentations are from many UMR staff people, but some people came all the way from University of Delaware. The presentations themselves run twenty minutes, with discussion following the

presentation. With an attendance at around 110 (almost half men), the discussion turns somewhat active.

In the opinion of the three faculty advisors, the situation for women overall is improving. However, there is still a need for programs such as this to answer questions many women still have, questions such as "What Am I Doing

for the Rest of My Life?" and "Why Am I Me?" Previous lectures have been recorded, and are available from the reference desk of the UMR library.

The support of the men on campus, according to Ford, Cogell and Riordan, has been very good. One of the seminars was conducted by a male, with two more to come. Male attendance is good.

Seminars are planned for next semester as well as for this. A suggestion box is being set up for input from students, who are encouraged to attend. Cost of the individual seminars is \$2.50. The remaining seminars are:

(Wednesday) October 28 — "Affirmative Action: What Does It Mean for Women?" Mark Twain Room, Noon.

November 4 — "Reflections on Motherhood," Ozark Room, Noon.

November 11 — "Entrepreneurs: Women in Business?" Mark Twain Room, Noon.

November 18 — "Women in Politics: What Is It Like?" Mark Twain Room.

To register for any Seminar, simply contact Martha Ford at 341-4304.

News

Thursday, Oct. 22, 1981

MISSOURI MINER

Page 3

APO Danceathon helps Muscular Dystrophy

The APO Danceathon is just around the corner with just enough time left for dancers to start getting sponsors.

The fun all begins at 6:00 p.m. Friday, Nov. 6th at Lions Club Den and will continue through midnight Saturday. For those of you not dancing there are plenty of activities planned to get you involved in the campaign to raise money for muscular dystrophy.

To start things off a trophy

will be awarded to the organization giving the most support for the dance. Points will be awarded for making posters and signs, money raised from the penny voting booth for your favorite dancing couple, actual participation in dancing and cheering and last but not least by supporting the APO Kissing Booth.

For all those of you guys and girls starving for a kiss here is your chance for romance. For a mere 50¢ or 3 kisses for a dollar you can

have the kiss you have always dreamed of with some of the most eligible and famous kissing celebrities in Rolla. The stars will man the booths from 7:00-12:00 p.m. both Friday and Saturday night with a girl and a guy on duty at all times.

So to help your organization take the overall plaque come on out to the dance ready to pucker up for charity. Details will be out later this week for times and names of the UMR Celebrity Kissers.

SWE from Page 1

Sue Morris, SWE president, feels that the conference is the most important activity of the chapter.

"Many of the participants eventually return to enroll in engineering at UMR," Ms. Morris said. "That makes the hard work that goes into organizing the conference worthwhile."

She went on to explain, "Engineering is becoming less male dominated as employers learn that the work can be done just as well (and sometimes better) by women. We are trying to introduce high school girls to engineering as a career, through discussions with professors, students and professional engineers, while also promoting UMR as a good engineering school."

According to Rebecca Kovarik, vice president, registration for the conference is well ahead of last year but enrollment must be limited to 150 because of costs and available facilities.

donations, university contributions and chapter fundraising are used to keep the registration fee at \$15, with overnight accommodations, or \$10 without, which includes the cost of all meals. For the first time, computer science is also being included in the program.

When asked to summarize the intent of the program,

Ms. Kovarik said, "We want to give the girls information on the engineering curriculum, job opportunities and college life in general. We hope this will help them make a better career choice — even if it isn't engineering."

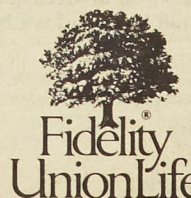
For more information, stop by the SWE office, 304 Rolla Building, or call 341-4212.

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Finals schedule

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
EN 50, 150	Tuesday, 7:30 - 9:30
EN 110	Monday, 1:00 - 3:00
Hist 112, 175, 176	Tuesday, 7:30 - 9:30
L Sci 1	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, 1:30 - 3:30
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	Wednesday, 1:00 - 3:00
Pol Sci 90	Tuesday, 7:30 - 9:30
III. Regular Finals	
FIRST WEEKLY CLASS	
MEETING TIME	
Monday, 7:30	FINAL EXAM TIME
Monday, 8:05 or 8:30	Saturday, 10:00 - 12:00
Monday, 9:30	Thursday, 7:30 - 9:30
Monday, 10:30	Tuesday, 1:00 - 3:00
Monday, 11:30	Thursday, 1:00 - 3:00
Monday, 12:30	Saturday, 7:30 - 9:30
Monday, 1:30	Monday, 10:00 - 12:00
Monday, 2:30	Wednesday, 3:30 - 5:30
Tuesday, 8:05 or 8:30	Thursday, 3:30 - 5:30
Tuesday, 9:30	Friday, 10:00 - 12:00
Tuesday, 10:30	Friday, 7:30 - 9:30
Tuesday, 11:05 or 11:30	Tuesday, 10:00 - 12:00
Tuesday, 12:30	Friday, 1:00 - 3:00
Tuesday, 1:30 or 2:05	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).

Arcadia donates to book fund

By ELLEN HENDRICKS

The Arcadia at 205 West 11th Street has donated money to various organizations in the Rolla area. Last year, \$500.00 was

given to the Rolla High School Junior Class.

All pennies are donated to the Phelps County Humane Society. This Sunday, Nov. 1, all proceeds from the day will go to the UMR Book Fund. Donations are part of the policy of the Arcadia.

The Arcadia's patrons range from pre-teenagers all the way up; the Management feels it is only right to "pour" some of the money earned at the Arcadia back into the community.

The hours that the Arcadia is open are from 10 a.m. to 12 p.m. Monday through Friday, and from 12 a.m. to 12 p.m. on Sundays.



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Director appointed for Aging Studies

SOURCE: OPI

Dr. W. Nicholas Knight, professor of English at the University of Missouri-Rolla, has been appointed director of UMR's new Center for Aging Studies.

Knight, who has been at UMR since 1975 as chairman of the department of humanities, has been instrumental in the establishment of UMR's programs for senior citizens. Last year

UMR offered 83 programs involving 1,727 older adults. Among the main programs are the Elderhostel and the University of the Third Age.

Dr. Knight has also been president of the Rolla ABLE Commission and chairman of the faculty policy board for the University of Missouri and Lincoln University Joint Centers for Aging Studies.

The UMR center links UMR programs with the

Missouri Gerontology Institute, composed of representatives from the four University of Missouri campuses. Each campus has specific areas of expertise regarding gerontology and the UMR center will focus on service and training.

In making the appointment, Dr. Marvin Barker, dean of UMR's College of Arts and Sciences, said, "Missouri ranks fourth among the states in the

number of retired people, and the Rolla area, in particular, is home for a large concentration of older citizens. For UMR to pursue activities for these people is a 'natural' and I appreciate having someone of Dr. Knight's expertise and experience to direct these activities."

Dr. Knight holds a B.A. in English from Amherst, an M.S. in English from the University of California, Berkeley, and a Ph.D. in

English from Indiana University. Before coming to UMR, he was on the faculty of Wesleyan University, Middletown, Conn. He is an expert on Shakespeare and has many publications on the subject, including a book,

"Shakespeare's Hidden Life: Shakespeare at the Law 1585-1595." Among his other publications is a play, "The Death of J.D.," which has been performed widely in this country and in England.

Water safety courses to be taught

SOURCE: OPI

Red Cross courses in "Basic Rescue and Water Safety" and "Advanced Lifesaving" will be offered at the University of Missouri-Rolla swimming pool beginning Nov. 6.

The basic course will teach skills on saving one's own life in an emergency, the correct response to various aquatic emergencies and how to assist lifeguards in search-and-rescue procedures.

The advanced course will teach skills to save one's own life and the lives of others in an emergency. Successful completion of this course is a requirement for serving as a lifeguard.

Swimming tests for both courses will be given at 7 p.m. Nov. 6 at the UMR pool,

Gale Bullman Multi-Purpose Building, near 10th Street and Bishop Avenue. Both courses will meet for instruction from 8 a.m.-noon and 1-4 p.m. on Saturday and Sunday, Nov. 7-8. The advanced course continues with the same schedule on Saturday and Sunday, Nov.

14-15.

Course director is Dr. Harry Weart, chairman of the UMR metallurgical and nuclear engineering department. There is no fee for the course but purchase of a \$3 handbook is required.

Interested persons may sign up at the Phelps County

Red Cross Office in the basement of the Rolla Police Department Building, 204 E. Eighth St., Rolla, phone 364-3947, or at the UMR continuing education office, 107 Mining Building, UMR, phone 341-4204.

Lambda Chi holds tourney

SOURCE: OPI

University of Missouri-Rolla Lambda Chi Alpha fraternity will hold its third annual "Night at the Fights" charity boxing tournament featuring UMR students and Rolla area boxers Oct. 30 at Nashville Pennant Hall, Manor Inn.

The evening will start at 7 with old professional fight

films. The live fights will start at 8.

In the past two years, over \$1,100 has been raised and donated to various charities.

Those interested in participating in the tournament should contact Bruce Landon, 364-9901 or 9984. Practices are held every Tuesday and Thursday night in the varsity wrestling room of the UMR Multi-Purpose

Building.

Tickets for "Night at the Fights" are \$2.50 in advance and \$3 at the door. Advance tickets are available from any member of Lambda Chi Alpha or at Key Sports Shop.

Co-sponsor of the event is Miller Enterprises and Grellner Sales and Services, Inc.

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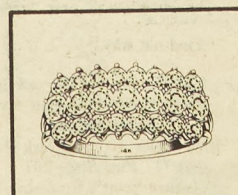
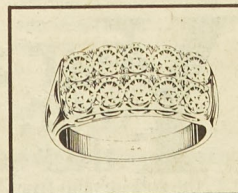
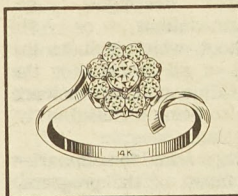
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Energy conference schedules special events

SOURCE: OPI

Six special events on energy and the environment have been scheduled in conjunction with the University of Missouri-Rolla-Department of Natural Resources Energy Conference to be held on the UMR campus Nov. 4-7.

An Energy Film-O-Rama featuring continuous showing of several energy-environmental films provided by the Department of Natural Resources will be open to the public on Wednesday, Nov. 4, from 8:30 a.m. to 4:45 p.m. in the Mark Twain Room of UMR's University Center-East. Those interested are invited to drop by any time. There is no charge for admission.

A wood heat safety workshop, sponsored by the Missouri Wood Industry Association with the Department of Natural Resources, will be held Thursday, from 12:30 to 4:45 p.m. in the Ozark Room, University Center-West. This workshop deals with installation and use of wood stoves. It is free and open to the public. However, participation is limited to the first 25 enrollees. For further information or to register, call Norman Lenhardt, Department of Natural Resources (toll free number) 1-800-392-0717.

A Farm-Home Renewable Energy Tour will be held on Saturday, Nov. 7, 12:30 to 6:30 p.m. Participants meet at the UMR University Center parking lot, 11th and Rolla St., and tour local homes and farms featuring unique wood-burning systems, solar retrofits, earth contact, passive solar, greenhouses, solar and wood-burning water heaters and more. The tour is sponsored by the Rolla Area Renewable Energy Group. Fee is \$2 per person or \$3 per family. For more information or to register, call Carol Brown, 762-2036, or Alex Primm, 341-2464.

Thursday, Nov. 5, a solar greenhouse workshop, sponsored by the Solar Greenhouse Association of Webster Groves, will be held

from 8:30 a.m. to 4:45 p.m. in the Missouri Room of the University Center-East. The program reviews solar greenhouse principles, design, construction, plant production and solar performance. The content provides information for those interested in building a solar greenhouse. Fee for this course is \$15 per person or \$20 per family couple. Instructors are Arthur H.

Pedersen, technical director of the SGA, and Kenneth O. Peck, consultant with Hummert Seed Co., St. Louis. For information or to register, call Barbara Carter, conference secretary, UMR electrical engineering department, 341-4532.

A solar short course will be held from 8 a.m. to 9 p.m. Tuesday, Nov. 3, at the Holiday Inn. It covers use of

solar energy for space heating and cooling and heating water. The course covers both passive and active systems and a scientific or technical background is required. Fee for the course is \$150. Course instructors are Bassem Armaly and Harry Sauer Jr., UMR mechanical engineering faculty. For information or to register, call Walter Ries,

engineering continuing education, UMR, (341-4132).

A short course on heating, ventilating and air conditioning will be held Friday, Nov. 6, from 8:30 a.m. to 9:30 p.m. in the Missouri Room, University Center-East. This course deals with sizing of heating and air conditioning systems and estimating the energy required by such systems. A specific workshop project is in-

cluded. Scientific or technical background is required for the course. Fee is \$150 per person. Course instructors are Ronald Howell and Harry J. Sauer Jr., UMR faculty. For information or to register, call Walter Ries, engineering continuing education, University of Missouri-Rolla (341-4132).

English Dept. chairman appointed

SOURCE: OPI

Dr. James N. Wise, professor of English, has been appointed chairman of the humanities department at the University of Missouri-Rolla. The appointment is effective immediately. Dr. W. Nicholas Knight, former humanities department chairman, has been appointed director of UMR's new Center for Aging Studies.

Dr. Wise joined the UMR faculty in 1967 as an associate professor of English and has served as head of the English section of the humanities department. He was previously on the faculties of Kentucky Southern College, Western Kentucky University, the University of Florida and Georgetown College.

He holds a Ph. D. from Florida, and M.A. and B.S. degrees from West Virginia University.

His professional affiliations include the Renaissance Society of America, the Modern Language Association of America, The Midwest Modern Language Association, The American Association of University Professors (past Kentucky state officer), the Missouri Philological Association, and the Missouri Association of Teachers of English.

He has been listed in the Directory of American Scholars, and received the Sigma Tau Delta Award for Distinguished Academic Service at Western Kentucky University. He has received several summer research fellowships at the University of Missouri-Columbia.

Dr. Wise's areas of specialization and interest are seventeenth century English prose, poetry, and history of ideas; myth and archetype in modern

literature; Milton; American Romanticism; and Utopian literature.

He is the author of numerous publications, including "Sir Thomas Browne's 'Religio Medici' and Two Seventeenth-Century Critics," a book published by the University of Missouri Press. Invited articles on Browne and on 'Religio Medici' are included in The Reader's Encyclopedia of English Literature being published by Thomas Y. Crowell Co.,

Inc.

Dr. Wise is a reader and editor for the University of Missouri Press and has been chairman of the University of Missouri Press Committee since 1979.

Dr. Marvin Barker, dean of the College of Arts and

Sciences, said, "I consider it fortunate that Dr. Wise has

consented to serve as chairman of the department of humanities and I am

certain that his vigorous leadership will benefit the college and campus."

Christopher Jewelers
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Comments

Thursday, Oct. 29, 1981

MISSOURI MINER

Page 6

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.

Opinion Poll

1) The United States is currently short of weapons-grade plutonium and has an excess of nuclear power plant wastes, of which plutonium can be manufactured. Should the U.S. recycle this waste and possibly set a precedent for other nations with nuclear plants to do the same?

Yes — 74.2%

No — 22.9%

2) Do you think the U.S. should have more than two major political parties?

Yes — 53.5%

No — 44.3%

3) Would it be a good idea to create a General or Specialized Engineering

Degree where a professor would sit down with a student and choose an individual curriculum?

Yes — 63.4%

No — 34.3%

4) Should restrictions on programmable calculators be imposed?

Yes — 38.1%

No — 61.0%

5) Do you believe that life itself is a result of God's creative work?

Yes — 77.3%

No — 18.7%

6) Does the Bible have everyday applications to you?

Yes — 62.1%

No — 31.3%

Bureaucratess

Student fees please

Dear Editor:

I have come to regard activity fee increases to be as natural a thing as the turning of the leaves in the Fall. And it seems that the students have as much power to stop the increases as we have to stop the changing of the seasons. I appreciate your recent article which gave various organizations the chance to justify their requests for increases. After reading the article, I felt I knew what each organization did, how much it wanted, and why. There was one exception. I was completely baffled by the verbose language used to justify the increases for the University Center. I recognized the words, but I am sure the language is not English. Only someone from the State Department or Auxiliary Services can pile it that high and deep.

After careful study, I offer

several translations for those who are unfamiliar with Bureaucratess. 1) "The University Center facilities combine services and programs to offer ... an atmosphere of personal and inter-personal ingredients for sustaining life, motivating self-development, and encouraging social interchange..." Translation — You can buy food, play games, and talk to your friends at the University Center. Comment — I doubt that the food served at the U. Center is an ingredient for sustaining life, but I know that "Omega Race" motivates my self-development.

2) "Budget tightening in higher education is dictating greater University Center expenditures related to indirect charges assessed by Campus administrative and system administrative services."

Translation — We won't get as much money from the University this year.

Comment — The phrase "indirect charges" bothers me. I think it is a euphemism for "gouging the students."

3) "The proposed Student Activity Fee supports the financial balance needed to cover the yearly debt service and operational cost."

Translation — The U. Center doesn't make enough to pay its debts, so the students pay the difference.

Comment — The activity fee increases will be approved regardless of student opinion. Why doesn't the U. Center administration be honest and state plainly that the students subsidize its operation? Why cloud the issue with such garbage as "financial entity," "encouraging social interchange," and "higher education support service?"

Thank you for the space.

Jon Treat 588224

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War is heck

Definately it's defense

By DON READER

A column appeared in this section last week under the title "Defense or Offense?" which I think deserves a definite, well thought, unbiased reply. The answer is definitely, Defense. For those of you who have not read the previously mentioned article, I will state the writer's point, as best I can, then give my reply, for each of the topics he discusses.

Mr. Phillips describes how society encourages "killing" in childhood games, entertainment, hero worship, and even religion. At the same time, however, he maintains "It has been against moral values to take the life of another human being ever since God placed shame up on Cain for the killing of his Brother Abel." To him this is apporadox. While his point may have some validity, as a social commentary, his examples are pathetic. Children's make-believe war games are a very poor example. I know, I played them myself. I had just as much fun "dying" as I did "killing," though I would look forward to neither today if the real thing ever came about.

Children play doctor and nurse, but that does not mean they will grow up to be great humanitarians either.

The question of religion and its role in society and moral values is also discussed, but here again Mr. Phillips' examples are pitiful. While the modern translation of the Commandment is "Thou shalt not kill," this must be placed in historical and lingual perspective. The Commandment forbade the killing of another human being in Israelite society, pre-meditated or unpremeditated, and had nothing to do with capital punishment, the killing of enemies (societal not personal), or other "authorized" killing. While I do not believe in capital

punishment, on humanitarian and effectiveness grounds, I do believe it is necessary to kill sometimes to protect loved ones, neighbors, friends, even strangers, home, community, and nation. Hence we have the terms "justifiable homicide" and "national defense." The latter has been abused a lot in recent years but if used correctly, is still quite valid. Mr. Phillips completely misquotes the Christian hymn as "Onward Christian soldiers, marching off to war..." The word is "as" not "off" and this is crucial, because the song is an analogy not an authorization of "killing for Christianity" as Mr. Phillips puts it. The song continues, "...with the

cross of Jesus going on before." As Jesus died on the cross, so are Christians willing to die for their convictions while battling not a human enemy but the sin and evil which exists in the world.

The funniest example is his statement, "You can tell something about the values of our society by the people we choose to make heroes." How true. But John Wayne and Eddie Rickenbacker, are but two of countless American heroes including, Thomas Edison, John F. Kennedy, Charles Lindbergh, Neil Armstrong, Abraham Lincoln, Martin

See Defense

pg. 9

GEOLOGICAL AND PETROLEUM ENGINEERS

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Guitar performance

The University of Missouri-Rolla Student Union Board will present The San Francisco Guitar Quartet in Concert at 8 p.m. Friday, October 30, in Centennial Hall, University Center-East.

Many consider the guitar as a modern instrument used only in rock and jazz music styles. However the guitar is actually one of the most

classical, or oldest instruments in existence. The beauty of the guitar is its ability to lend itself to a variety of musical styles. The San Francisco Guitar Quartet makes good use of the guitar's adaptability to these various styles in its program. Featuring works by classic composers such as Bach, ragtime by Joplin, and modern compositions by the

performers themselves, the quartet presents the total ability of the guitar in rich, robust sound.

The quartet's members, James Colgan, Timothy Fox, Geoffrey Stewart, and Lynn Zemlin have made the quartet a tight, pleasing evenings entertainment. Plan on coming out Friday and seeing them.

Features

Thursday, Oct. 29, 1981

MISSOURI MINER

Page 7

TJ's House Haunted

**TJ HAUNTED HOUSE
OPEN TO ALL**

The Thomas Jefferson Hall Haunted House, (TJHHH), featuring chills, thrills, and fun for everyone, will be opening its doors Wednesday evening, October 28th through Friday,

October 30th. Formerly known as the Crib, the haunted house is located behind TJ Hall. Donations of \$1 for adults and 50 cents for children will be accepted at the door. Proceeds will go to the Cerebral Palsy Fund. There will be candy for the kids and excitement for

everyone.

Hours for the house are 5:30 p.m.-10:30 p.m. Wednesday and Thursday and 5:00 p.m.-1:00 p.m. Friday.

Can you survive the terrors lurking in TJ's Haunted House?

Groundwaves

Come one, come all, to the Freakers Ball

Fellow captives of the sphere of annihilation otherwise known as Rolla —

Did you knooow, that on Saturdaay, Oct. 31, you too can feel the Power of the music of KMNK. On Halloween night, from 8 p.m. to 1 a.m., KMNK, with the

help of Theta Xi, will hold the Freaker's Ball. Admission is free, with your favorite beverage being served. Costumes and reality are optional, but prizes will be awarded for best costumes.

Since this is the only

Groundwaves I'm writing, I want to take this opportunity to thank the many people that have appeared and will appear on "I'd Love to Change the World." So far almost everyone has been very helpful, both university officials and students. The

only exception is the folks at B and G. After three weeks of promises of callbacks, and the phone never ringing I was finally turned down flat. Too worried about someone finding out the truth, perhaps. I mean, everyone get. For those of you

that have listened know how vicious Mr. Gadaken can be, oblivious to the random scheduling here, "I'd Love to Change the World" is on at 6:15 on Tuesday nights.

Speaking of random scheduling, we do have a few things going on this week.

After traversing the narrow path of normality in the lobby, I made it back to the control room whereupon were found the sacred scrolls of KMNK programming.

Saturday at 2:00 p.m. Allen Harvey will feature Icehouse "Icehouse".

Monday night Mike Greise will be bringing you three hours of Uriah Heep on the Artist Feature.

Then, at midnight, on Hypnophobia I'll be featuring the Moody Blues, and "Days of Future Past".

On Wednesday night at 7:00, Aaron will be bringing you "Led Zeppelin I".

This week on the Mind's Eye we'll be playing both parts of "Wizard of Oz".

Gee, Toto, this doesn't look like Kansas anymore. Arf, arf! Shawn

Plaque; A mental health problem

By TWEETY BIRD

Plague ... it brings forth thoughts of sickness, death, science fiction stories, and, most of all, the plague of not wanting to do homework. It attacks at all times, but it is usually prevalent around test times, party times, and when you have three hours of homework in each of four different subjects.

Symptoms of this illness include: putting off anything due for tomorrow's classes until it's too late, visiting friends you don't really want to talk to, doing your laundry, requesting the radio station to play "We Don't Need No Education," and, the ultimate, calling home to see what's going on with your cat.

Once the diagnosis is

confirmed, the victim will often try to cure himself by doing something at least partially constructive, such as seeing a movie, getting drunk, or writing for the school newspaper. All of these actions are taken in hopes that once done, it will be possible to get back to studying for that statics test tomorrow.

Sorry ... it rarely works

that way. Of course, doing things like reading your economics while waiting for your clothes to dry rarely helps either; in fact, it will more than likely prolong the length of your affliction.

What may work (very rarely though) is to study with somebody. If you can possibly keep from talking, you will often get a certain amount of work done due to

the fact that you don't want to be caught not doing your homework by your study partner.

But cheer up, this illness is rarely known to last longer than the four to five (six?) years you spend in college; and remissions do occur during breaks between semesters and during the summer. One way or another, it's only seven weeks until the end of this semester.

Theta Tau Shorts

All sophomores who have completed their freshman year at UMR are eligible to interview for "Freshman of the Year," which will be held Wednesday, November 4, 1981. The recipient of this award will receive a \$100 scholarship from Theta Tau Omega.

Applications are now available at the old candy

counter in the Student Union and are due at noon, Tuesday, November 3, 1981. They may be turned in at the candy counter or given to any member of Theta Tau Omega. If there are any questions please contact Tipton Long at 364-8527.

Theta Tau Omega presented Phelps County

Medical Center with a check for \$1000.00 this past week. This money is to be used for the level two nursery which is a new wing for prematurely born children. It will help provide the nursery with needed equipment.

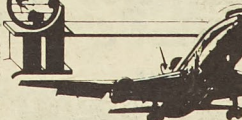
This donation was made possible by the UMR students' support of Theta

Tau Omega activities. These activities include Casino Night, Homecoming Hoedown, Pizza Night, Ugly Man events, and Homecoming and Parents' Day Mums.

We, the members of Theta Tau Omega, would like to thank the students of UMR for their continued support.



New engineering mechanics professor, Dr. Ima Leech.



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Theta Tau Omega President and Treasurer, Barry Sheldon and Joe D. Feldman, present Kenney West, Director of Phelps County Regional Medical Center, with a check for \$1000.00.

Successful Pizza Night

Submitted By
THETA TAU

On behalf of the members of Theta Tau Omega, I would like to thank the students of UMR for their participation during our semi-annual Pizza Night on Thursday,

October 22. This semester, Pizza Night was much more successful than we had expected, as we raised \$640.00 for the Gingerbread House. As you know, the purpose of Theta Tau Omega is to benefit Rolla Area

charities. Your generous help and considerate co-operation has made our function a success. The top ten finishers are as follows:

- | | |
|----------------------|----------|
| 1. Sigma Phi Epsilon | \$127.00 |
| 2. Tau Kappa Epsilon | \$85.00 |
| 3. Sigma Nu | \$58.00 |
| 4. Kappa Sigma | \$54.00 |
| 5. Sigma Tau Gamma | \$34.00 |
| 6. Lambda Chi Alpha | \$28.00 |
| 7. Sigma Pi | \$27.00 |
| 8. Pi Kappa Alpha | \$26.00 |
| 9. Beta Sigma | \$26.00 |
| 10. Phi Kappa Theta | \$25.00 |

St. Pat's Facts

By TOM BENNEY

The perfect Christmas gift for your little brother, little sister, niece, or nephew is a children's St. Pat's sweat-shirt. For only \$6.50 you can satisfy the little 'rugrat' and not have to fight the toy store crowd. These children's sweatshirts will be available only at the campus sales table in the new Student Union Building.

By the way, do you own or have access to a convertible top car? If so, the St. Pat's Board would greatly ap-

preciate you driving in the St. Pat's parade. Just think of how much better your auto would look if you had a "Queen of Love and Beauty" riding in back. If your interested contact Geoff D. Dubbins at his home (364-3517) or at the Tec Engine Dining Club (364-6581).

The final point I would like to touch on is don't forget about turning in your St. Pat's float theme. Remember, only the first 12 entries are going to be accepted. If your organization is planning on having a float,

the entries are due no earlier than 3:30 p.m., Nov. 2nd, at Tec Club. Have any

questions or need information, again contact Geoff Dubbins.

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. This allows the graduating students to have a new car before he graduates when he really needs it.

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from page 6

Defense

Luther King Jr., Amelia Earhart, Billy Jean King, Jonas Salk, Bob Hope, Jerry Lewis, Arnold Palmer, Joe DiMaggio, etc., etc., etc. Even John Wayne was a hero, not because he killed, but because he always fought for what was right. He was not a great actor, but he had a warm and human personality that complimented his tenacity and aggressiveness. That is what we need in a hero, not someone who kills, but one who fights for a cause, maintaining human dignity and compassion which sets us apart from the animals, who kill only to satisfy individual needs. I am not condemning animals, that is their place, killing to meet their needs and maintain the balance of nature as God made them. But man was made in His image, to be a reflection of His goodness and perfection. Whether or not you believe in God, you would surely agree with those ideals.

The second half of Ron Phillips' article deals with defense spending and the advanced weaponry we have now and that under development. It is true that billions of dollars are spent each year for these systems, but it is not true that they sit idle. Mr. Phillips has obviously never been in the military or he would know that these systems are constantly being used not just to "fly routine missions," though these are vital to our defense in warning us of any possible threats and to maintaining the logistics of our vast network of bases both here in the U.S. and overseas. Tactical and Strategic Exercises, or "war games"

are conducted which test the capabilities of our men and machines to their limits and help train and improve both skills and equipment performance. Occasionally these are put to the test as in the recent Libyan incident, the Iran operation, and any other time when Americans might be in danger or peace threatened. We have of course made mistakes, but hopefully we have learned from them. One vital aspect of our defense spending is our airlift capabilities, which are tested constantly by real situations. These missions serve humanitarian as well as military purposes, in disaster relief for victims around the world, support of scientific research in Antarctica, mercy medical missions and rescue operations. On the Military end recent activities in airlift have supported our allies Israel, Zaire, France, as well as everyday support of our NATO allies.

I disagree vehemently with Mr. Phillips' contention that "As our military capability and prowess grows, so does the pressure to use our weapons for the purpose that they were designed." This is pure conjecture. On the contrary, the better one is prepared to defend oneself the less likely one is to be attacked and thus be forced to use what weapons he has. Does Mr. Phillips really believe the cause of peace will be served better by allowing our defenses to deteriorate, even more so than they already have, and thus allow our weakness to invite attack upon us or our allies by a potential aggressor? I say peace can only be main-

tained if we are prepared to fight. Now that may be a sad commentary on the state of the world and the human condition, but not an indictment of our society. I also disagree that after all wars "there is no peace, just some form of forced co-existence for the vanquished." Our enemies in World War II, Germany and Japan, the "vanquished" are now our staunchest allies, friends, and trading partners. Bitter enemies in the American Civil War, the North and the South have long since been re-united brothers under the American flag, probably better so than before the war when great differences in lifestyle and moral values divided us. Remaining Confederate spirit is a manifestation of regional pride, a positive attitude, and not any real hatred for the North. Even Israel and Egypt, once the most hated and feared enemies are now friends. Yet, in this case there was no real vanquishment of one side or the other. Diplomacy was successful only because the consequences of war were very real and each was able to bargain from a position of strength.

Finally, I asked Mr. Phillips to examine his own moral values if he and others like him "join our President in prayer for peace but at the same time our fingers are crossed in hope that our contribution to our nation's defense will not go untested." What hypocrisy: Do you not have a free will? How can you possibly call yourself a victim "of our society's values" when your hope is for merely personal satisfaction. You should get enough satisfaction in

knowing that the systems you are helping to design and build now help maintain our nation's peace and secure freedom for future generations. I do not consider you "bad" people, only confused, mis-informed, and naive. The real world is not as simple, peaceful, and uncomplicated as your day to day existence. There are very real dangers to your freedom, especially your freedom to express your opinions when they disagree with the State without the danger of being thrown into prison. We often take for granted these freedoms, including almost unlimited travel anywhere in the world (usually limited by the other side only), freedom to worship (or not to worship) God as you please, provided of course you do not interfere with someone else's freedoms, and many others. This what we spend those billions of dollars for and I think it is a small price to pay compared with the toll taken on human lives, destruction of property,

collapse of economic systems and consequent human misery, all brought about in any war.

So, in conclusion, I will say, Yes, we do spend billions for Defense. We also spend billions for Health, Education, Welfare, Foreign Aid, Interest on the National Debt, an overcrowded Justice system

(Social programs having failed miserably) and many other areas where tax money is spent. Some is spent wisely and efficiently, some not so well. Here is

**See Defense
page 16**

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NATO briefing held

SACLANT *Mission revealed*

By KAREN PENNEY

This past Thursday a team from the Supreme Allied Command Atlantic (SACLANT) of NATO (North Atlantic Treaty Organization) gave a briefing in Centennial Hall for all interested persons. SACLANT is predominantly the naval portion of NATO and has the responsibility of guarding the sea lanes and denying their use to an enemy in order to safeguard them for the reinforcement and resupply of NATO forces of the European continent. The team was composed of some formidable naval officers. Heading the team was Rear Admiral Paul H. Speer, U.S. Navy, Chief of Staff, SACLANT. Other members included Thor Johansen, Commander, Royal Norwegian Navy; James Bain, Commander, Canadian Forces; Lt. Commander Michael Hatten, Royal Navy, and Captain Fred Akkerman, Royal Netherlands Navy. Each member of the team gave a short presentation of some part of the major topic. The overall topic of the briefing dealt with the ever increasing Soviet maritime military threat, and how SACLANT and NATO views this threat and what general plans and strategies are being formed to combat this threat.

Rear Admiral Speer opened with a short introduction on overall NATO objectives. NATO is a political and military organization. All decisions must be approved by each individual country in NATO and the person in each country to make the decision is the prime minister or his equivalent. NATO is primarily a defensive alliance, formed to encourage peace and security in its sphere of influence. SACLANT's main peacetime goal is to preserve to free use of the sea to all nations in NATO.

Next commander Johansen elaborated on NATO's, and specifically SACLANT's overall

strategy. SACLANT's mission in the Atlantic encompasses four main points; 1.) to deter or hinder the enemy from attacking, 2.) to control vital sea areas, 3.) to protect the shipping lanes (for reinforcement and resupply of Europe), 4.) Support the other factions of NATO on the European continent. The discussion of each of these points was very broad and general.

Next Lt. Commander Hatten talked about the increasing Soviet military power. The Soviets are increasing the size and quality of their ships. There navy is not getting much larger in size, but the tonnage and sophistication of cruisers and destroyers are increasing. Two of the new ships are the Oscar at 12,000 tons and the Typhoon at 25,000 tons, both equipped with the latest missiles and hardware. They are building more nuclear powered submarines, including the Alpha submarine that can dive deeper than any submarine in the west. The Soviets also have a large merchant fleet that helps to refuel the navy and deploy the largest stockpile of mines in the world. What all the statistics and high powered naval terms boiled down to is that the Soviets have more power than needed to protect their homeland. They are spending 13 percent of their GNP on defense and 20 percent of that goes toward the Navy.

Commander Bain then talked about the Atlantic Command's (ACLANT) contribution. Most important are the development

of the posider and triton missiles. A new trident submarine especially built for the more powerful triton missile is also being completed soon. There were some negative aspects also. The Soviets can deploy ships to any part of the world, where as ACLANT is only concerned with the Atlantic. Not much can be done by ACLANT if the Soviets decide to attack other parts of the world. As expected not much of the equipment of NATO was talked about for security reasons. What was said is that the west still holds a very slim margin of supremacy.

The overall mission of SACLANT to the Soviet threat was presented by Captain Akkerman. This response included five points; 1.) plans and strategies, 2.) increasing and developing the naval forces, 3.) military exercises, 4.) modernization, 5.) standardization and interoperability. The major plan in case of war is deterrence of the Soviets, then the resupply and reinforcement of Europe. The major battle as noted by Captain Akkerman is going to be on the continent of Europe, so the Navy is mainly there for keeping the lines of communication and supply open. The other points are intended to keep to a slim margin of supremacy that the west has over the Soviets.

In Admiral Speer's closing remarks he quoted a line from James Henry, "We must hang together, or we

will surely hang separately." This sums up the major idea behind the broad and general briefing that was given Thursday.

In the question and answer session most of the people in the audience did not realize that the team was composed of naval officers, so most of the questions on nuclear warfare in Europe and hypothetical questions on land warfare in Europe went unanswered. A few good points were brought out, such as the feeling that Russia will not decrease its defense spending in the future, near or far. Another point is that the Russians are developing plans to weather a nuclear, biological, or chemical attack for civil defense, not only military, something the U.S. is far behind in.



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The fifth of five parts

The Haunting Bell Witch

M. Dean Angove

This article will be the final article in a series of five themes all written on one principle phase of the "Black Arts." However, it will be the ultimate goal of this story to 'iron out' what was a rather long and laborious series article.

Through the course of the next few paragraphs, we shall enter into the final facet of the witchcraft enigma. It will be in the terms of a number of as-of-yet unexplainable occurrences within the occult genre.

There are many theories as to the reason behind the events that took place in Salem, Massachusetts during the 1690s. They all have the same ability to support a major portion of the happening, but there has not been one which can identify and present plausible, logical reasons to all of the ramifications that arise when modern-day researchers deal into the happenings.

One particular story which comes to mind is that of what has come to be called "The Bell Witch."

Sometime during the span of years which immediately preceded or followed 1870, some very peculiar events took place in a little town in Tennessee.

The Bell family was residing in a small home near Adams, Tennessee when the story begins ... and ends. They farmed, and were perhaps the epitome of what one would think of when referring to the people of that era.

But these ordinary people somehow had bestowed on them a rather ghastly uninvited guest. It came to be known that the seventh member of the Bell household was a witch.

Now this particular lady had what we would refer to as a "grudge" perhaps ... she didn't really like John Bell, the father of the two sons, two daughters, and wife which composed the family. She (the witch) would take no ends to insure

that the entire family felt her presence and heard what she had to say.

In fact, as legend goes, it is said that one dark night on a road near the Bell home, Thomas Jefferson (certainly you've heard of that chap) was visited with some less than fortunate circumstances as he drove his carriage towards some unknown destination.

As his horses kept the steady pace that finer horses are known for, the wheels of his carriage locked up. In a desperate attempt to free the wheels and straighten his path, he tried the hand-brake ... no good.

As soon as the horses had halted, Mr. Jefferson left the seat to examine the axle. The wheels were free, and the carriage rolled forward an inch or two as he left the bench. Following his examination, he found no reason to delay any further and proceeded on his way. The wheels never locked again during his journey, but he never knew the reason behind his perplexing situation.

Ahhh, but he never even suspected the Bell witch.

During the latter portion of the year (which year it isn't known), John Bell has set out with his gun to hunt for the approaching winter months.

Ahead, in a clearing, Bell saw what he thought to be some form of edible game. Taking careful aim, he fired at the not-so-distant game.

But somehow, he didn't hit it.

Now it really wasn't like John Bell to fire at a stationary target and miss. Perhaps it just hadn't been his day. But whatever the reason, it really upset the Bell witch.

The reader may be wondering why the Bell witch was annoyed at the thought of this man trying to feed his family. Well, it just so happens that she (the witch) had a little 'thing' about changing forms and becoming different animal life: like pheasant, or duck, or bear. Just supposing that John Bell took a pot shot at

Mrs. Witch while she had her hind-side exposed ...

... it would be a good guess that she "got her tail feathers ruffled," if you would allow the pun.

So the Bell witch has this grudge on old John Bell, and she lets everyone in the family know it ... especially the youngest of John's sons ... who just happened to be liked by the witch. She vows that she would do with his life as she will, and that is precisely what she did.

Along about that time, Mrs. Bell came down with a rather peculiar illness that the doctors were at odds trying to diagnose. It would seem that the more they would try and try to help her agony, the worse she became.

Until one day, later in the

attempts to cure her, in fact just when all had seemingly failed, Mrs. Bell began to improve. The doctors had suspicions that the disease had simply run its course and now her body was fighting it off on its own.

But then strange fruits and exotic medications began to appear at her bedside during the deep hours of the night. Where they came from, no one really knew ...

... But, quite certainly, these were not products of this continent.

But John Bell, later that year was stricken with an illness that left him not so fortunate. His jaw became locked, and he died, after many long months of suffering.

Following John Bell's death, the family became

less aware of the presence of the witch, and it is speculated that she had perhaps left as quickly and quietly as she came ...

... Yet it still today remains a question as to whether she really has. The reader should know, that often, during the bewitched times of the year, that visitors to the Admas area who happen by a small, bleak cave in the underbrush feel the presence of another person. Some who have managed to gain access to the cave entrance have even said they felt a sudden, bone-chilling touch: the grasping, thin hand of an adult woman holding theirs.

These are tales well respected in Adams, Tennessee.

Another peculiar story

that is quite noteworthy, is of a handprint that never goes away.

It would seem that in a prison institution among the eastern seaboard states, had in it a convicted man. But this particular person, it has come to be said was innocent of the crime that he had been accused and tried on.

The man was taken into custody and charged with the murder of one of his associates. Well, this man swore that he had not committed that crime and that they were wrong to even suspect him.

See Witch
page 16

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CLASSIFIEDS

P.S. Exerored any good programs lately?

Found: Set of keys in Comp. Sci. Help Session Room Monday night. Have been turned into UMR Police.

Reward: For return of TI-58 that grew legs in the EE building. This model has the reciprocal key installed up-side down. Call Dave 364-6241.

House mate needed. Looking for student for rest of school year. 12 room home on 10 acres of land, perfect student home. \$150 for room and board, (plus ult.). Call 364-6241 for info.

Hey Suzie,

You're right! I can't figure you out. If you ever want some green M&M's I've got some to share.

P.S. — When do I get a picture?

To the Dizzy Chick,

As of 10-25-81 you are indebted by the sum of 806.82 O's. This includes the 50 percent interest compounded daily minus daily payments. S.C.A.

Hey Crow,

How 'bout some B's and G's?

To the girl on the corner of 12th and Spring,

I haven't seen you in a while. I hope to see you from my window soon.

Your Secret Admirer,
Rev. Mike

Benefit Halloween Party for Cerebral Palsy at Campus Club Friday, Oct. 30 at 9:00 p.m. Donations at door will be 50 cents without costume, 25 cents with a costume. Award for Best Costume. Sound system and refreshments.

To L.S.S.,

We know about the show in the chapter room, but what's this we hear about the one in the library? (I guess it takes a lot to get to 77!) Is the next show on the hockey puck??

Signed,
An Obno Trio (AOT)

To the No. 1 P.C.A. Photographer.

Your the greatest. I love you.

Your Long Distance
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Wanted: One male roommate to share new apartment with two others for Spring semester. All modern conveniences included. Reasonable. Call 364-5554.

All-U-Can Eat Pancake Feed, Kappa Delta-Sigma Tau Gamma, Sunday, Oct. 8th 5-8 p.m. at Sigma Tau Gamma, \$1.50 in advance, \$1.85 at the door.

Sitters needed for handicapped

Parents of handicapped children and adults often have trouble finding sitters when they need to be out — for a short appointment, an evening out, or an emergency.

The Regional Council on Developmental Disabilities is looking for people who would like to learn how to help with the handicapped. A workshop will be held at the Rolla Cerebral Palsy

School Nov. 20-21.

Regional Council and Regional Center staff will lead discussions on communication, medical concerns, behavior management, etc.

Anyone interested should register by Nov. 11. There is no charge for the workshop. For more information and registration forms, contact Kathy Haule at the Rolla Regional Center, 364-5510.



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The Godfather is treating goblins and ghosts in costume to a free pitcher of Coke when they order any medium or large pizza. It's a safe and fun place to be on Halloween night.

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Head Knocker!!
You're alright.

To the Alien Princess,

I'm glad you believe in little green men! I'll see you at the party.
Your Extraterrestrial Friend

Come join the UMR Photography Club on October 29, at 7:30 p.m. in Room 125 of the Chemistry-Chemical Engineering Building. The presentation will be "Printing of Black & White Film." It will be similar to the "How to Develop Film" meeting of October 1st. At this meeting we will show you how to get something to hang up on the wall. Everyone is welcome. Memberships will be taken.

Raider Old Trainee 1st Sergeant:

What happened Macho? What was that you said about not having any pussy's around your trainees? We think that you are the pussy among us. Rabbit fever, Hugh! Isn't that contracted through direct contact with a rabbits private parts?

The Trainees

Kevin S.,

Why is it that you are always over at Shirley's and never come see me? I hope I see you before Thanksgiving Day. Please stop by for cookies and milk sometime.

Roommate wanted: Town and Campus seven apartments located at 1036 Kingshighway \$80-mo. plus half of utilities call 364-0417. Room includes stove, refrig., air cond., some furnishings.

Come out to the next autocross and see Don, the dynamite cow, as he whips his Maverick into another cone-eating Frenzy.

Signed your tree

Small reward offered for return of TI-58 (not 58C) lost in vicinity of Chem. Eng. Bldg. or 11th St. on October 12 or 13th. Phone 364-2563 after 3 p.m. Have ID and can verify proof.

To the Misinformed:

I, Rob, am deeply sorry for the inaccurate information concerning the November 21 concert of the Rolling Stones. They will not be in St. Louis on November 21, but will be playing another city up North on that date. I was misinformed about the location of the concert by my roommate. It could happen to anyone. I am sorry for any trouble that I may have put anybody through.

Rob in 517

M.D.D.

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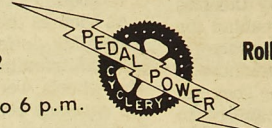
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Switching & Telephone
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Scooter P.I.

Rides Again

Source: S.P.I.

It was Friday night.

Scooter P.I. and his trusted assistant, Doc, sped noisily up 10th Street in Scooter's Ferrari 308 GT.

"How come the car's soundin' so noisy?" queried Doc.

"I took the muffler off so it wouldn't sound so much like a Ferrari, it's supposed to look like a Mustang!" Scooter was quick to reply.

"I think it looks like sh..." Doc was cut off by the sound of a ringing phone.

"Hey, Scooter, where's that ringing coming from?"

"It's the new phone I just installed in the car."

"Wow, you can call from anywhere now, huh?"

"Naw, just from Rolla, I could only fit that much telephone cable in the trunk."

Scooter reached into the glove compartment and produced a receiver.

"Scooter P.I. here, talk to me."

"Is this Buck?" came an unusually seductive voice on the other end.

Scooter's mind whirled. Not because he was dizzy, but because he knew only a few people called him by his secret first name. Scooter's mind ceased to whirl when it got to the letter B. Like a little circular file Scooter looked for the word Buck. There were only two people left alive who knew him by that name, and this certainly wasn't his mother.

"Hi, Julie, whatcha need?" Scooter answered.

"You've got to come to my father's bank, there's been a murder!" said Julie, her voice obviously trembling.

"I'll be there in a few seconds. You just stay ...

damn!"

"She hung up on you Scoots?" asked Doc.

"Naw, I think we just ran out of telephone cable."

"Too bad. Hey, how we gonna get wherever we're goin in a few seconds, we're not close to anywhere?"

"Easy. We'll jump to hyperdrive."

Doc's face went blank. "Not that, lemme out ..."

"Don't worry, I'll just plug the coordinates into the car's computer and ..."

Seconds later ...

Scooter P.I. banged on the door of the Freds State Bank. His thoughts turned immediately to Julie. When had he seen her last? Oh, yeah, when she was the skinny Rolla High Senior he had dated his freshman year at U.M.R. That seemed eons ago, (and probably was). Why did she need him now?

Suddenly the door opened and a gorgeous blond grabbed Scooter and began hugging him.

"I'm so glad you're here!" she exclaimed.

"Me, too," Scooter began.

"Where's Julie?"

The girl quickly released Scooter and sent him sprawling with a right hook.

"Don't you remember me, Buck?"

"Sugar Ray, right? No, just kidding." With that Scooter looked up and said, "You've changed a little, Julie!"

"Don't I hit as hard anymore?"

"No, not that, never mind, where's the murder anyway?"

"Oh, yes, it's Daddy, he's been shot between the eyes. What are we gonna do Buck?"

"Did you call the police?"

"Yes, right before I called

you. Why aren't they here yet?"

"There probably pulling over kids for D.W.I.'s. Whenever they pull over one car all the other cops come to watch and they all leave their lights flashing so it looks like they're really big time crime stoppers."

"I'm glad I called you then."

"You did the right thing. Now let's take a look at this murder."

"Okay. He's up in his office, lying on the floor, he..." Julie began crying.

Scooter knew just what to do.

"If you're gonna cry you better stay here. I'll go investigate."

Scooter began climbing the stairs to the bank president's office. This was not the first murder he had seen so he knew what to expect. In all the murders he had ever inspected there was

See
"Scooter"
rides again
page 15



AIRPLANE RIDES

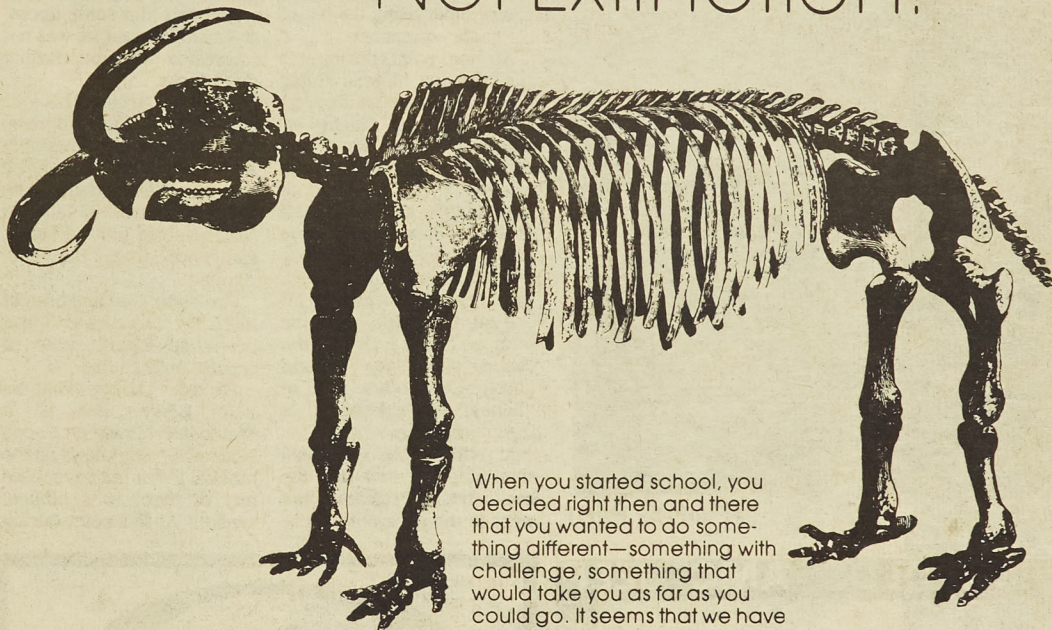
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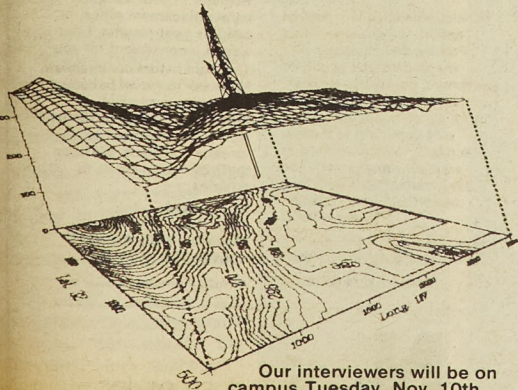
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Our interviewers will be on campus Tuesday, Nov. 10th.

Sign up at the job placement office for your interview time.

Professor Robert H. Nau

'Nau' is the Time

Professor Robert H. Nau has lived the kind of life that most people only hear about. He is extremely well-educated, served in World War II as a full Colonel in the Signal Corp, has received innumerable honors and awards, has over a dozen publications, is reknown for his consulting activities and has five or more patents. But what is so amazing is that he always has and still does find time to enjoy life and the use of what little free time he has.

Professor Nau was born in Burlington, Iowa in 1913. Raised on a farm, Pappa Nau (as he is candidly referred to by his students) learned to work behind a plow and to cuss back in

Burlington," says Professor Nau jokingly. He graduated from the University of Iowa with a B.S. and from Texas A & M with an M.S.

Directly after his college experience is when Professor Nau did so much work in the Electrical Engineering field and had several patents. This however was before the war and he received little compensation and no commission off of his inventions since he was employed by Westinghouse and was binded by contract to them.

Professor Nau joined the army during World War II and was involved in the Signal Corp for 33 years as a full Colonel.

He was stationed at Ft.

Mammoth, New Jersey where he taught the operation and repair of army radar equipment. He was then transferred to a Radar Camp located at Fort Murphy, Florida which, he says with a chuckle, "Just north of Palm Beach."

At one point he was even called to the Pentagon to work with the Chief Signal Officer. He was a graduate of the 18th General Staff Class.

After serving in the United States he was sent overseas in 1944 to China. Here his job was to teach the Chinese military how to operate the signal equipment given to them by the United States Army. He was put in charge of the 94th Chinese Army. This involved extensive travel through internal China. He and his crew of coolies followed the Marco Polo Trail all the way across China supervising the use of the radar equipment.

At one point during his land voyage he was riding with the general in his jeep. The preceding train of laborers were slow and making extensive use of the oriental "yoyo" method of hauling. The general spied a coolie burdened with a yoyo and transporting "honey buckets" (manure pails). The general purposely hit one of the pails with the bumper of his jeep and the coolie was spun around causing the other pail of "honey" to be deposited in the generals lap.

Arriving in the next town searching for rice for his coolie train, Professor Nau went to the governors house

only to find that the governor did not speak English. Professor Nau used his Burlington language and fired five shots through the governor's roof. The governor learned to speak English very quickly. It was this incident that incited Professor Nau to become to be known as the meanest man in China. Another flurry of events served to further this reputation.

Colonel Nau and his crew were coming down a mountainside when they saw a pond with over 100 ducks nestled on it. Nau asked his sergeant to find the owner of the ducks and offer to buy 2 or 3. The sergeant returned and said the owner said they were not for sale. Colonel Nau asked for his .30 caliber carbine and promptly shot five ducks (Nau is a very good marksman). The owner came running up and said he would sell him some ducks. Colonel Nau said he was not interested in purchasing dead ducks.

Colonel Nau ended his tour in China at Shanghai where he ate ice cream for breakfast at the end of the war. After the war Nau remained an active Colonel and later in 1967 received full top secret clearance from the U.S. Army.

Professor Nau has been in Rolla for 25 years and has been developing quite a reputation here also.

We were talking about his wife Betsy who is a Methodist Minister. Pappa Nau says, "She knows all the biblical terms but never uses any of them in a biblical sense!" At this point during

the interview, Linda, the EE secretary came in his office to deliver a collection envelope for the United Fund. Professor Nau said he used to give Linda plane rides when she was six years old. (Professor Nau has a Commercial Flight Instructor, Instrument Rating from the University of Illinois at Urbana) Linda told me not to listen to a word he says, "He's so full of it!"

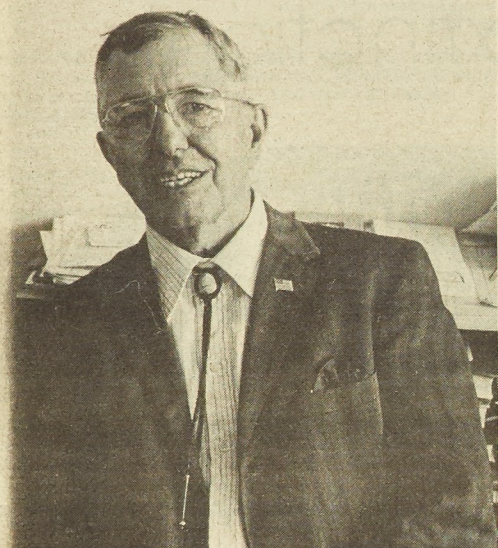
Professor Nau is now involved in the UMR Trap and Skeet Shooting Club and just recently took first place in a shooting event held in Boystown Missouri. In this event he had to beat Willis Corbitt who is also a reknowned trap and skeet shooter.

At this point I noticed a boomerang lying on the desk in front of me. Professor Nau has over two hundred dollars invested in imported boomerangs. He

offered to try and sell me one from a box he pulled out of his desk which contained the latest shipment of foreign boomerangs. I didn't think I would be able to throw one and asked for a demonstration. So we went outside and proceeded to throw boomerangs on the CE field. I was definitely amazed with the accuracy of his throws. Although I did find out that I could throw one he still wanted too much money for the one he was trying to sell me. I had to pass.

There were so many other interesting stories and events in Professor Nau's life that I didn't have room to write about. As far as his EE 281 class goes he apologizes for the 7:30 time but says its not his idea, its the way the course is structured.

So, if you ever need a good story or want to get interested in trap and skeet shootings or even boomerangs for that matter, you know where to go.



Robert H. Nau

(Photo by Hart)

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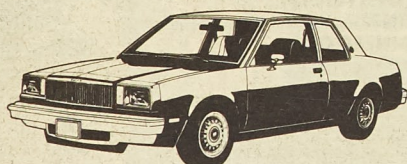
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from page 13

'Scooter' rides again

always a body. So, upon entering the office, Scooter began looking for the dead man.

"I bet he's behind the desk," Scooter began to say to himself as he tripped over the body lying on the floor.

Just then someone entered the room.

Using quick deductive reasoning Scooter knew the murderer had returned to the scene of the crime. He quickly crawled under the desk, grabbed the throw rug the intruder was standing on, and pulled with all his might. The rug then proceeded to rip into two equal sections.

"What the hell's goin' on here?" replied the surprised visitor.

Scooter knew that voice anywhere: Inspector Heabob.

"Okay, why'd you kill him, inspector?" Scooter rasped as he rose to face the inspector.

"What are you talking about ... Oh, no, it can't be. Okay, and where's your trusted assistant, Scooter?" asked the detective.

"That reminds me, you got a crowbar, inspector? I need to get Doc's hands pried off the seat," countered Scooter.

"Somebody call me?" Doc asked as he and Julie entered the room.

"I'm glad we're all here now. I got some questions," the inspector began.

With that Scooter cut in to say, "Yeah, me too. Did anybody leave the bank while you were here, Julie?"

"No, when I got here I heard a shot. I knew daddy was here so I ran to his office to make sure he was alright. He sounded so worried on the phone when he called me earlier. Anyway, I called the police and then you," Julie volunteered.

"Then nobody left, as far as you know, right," stated Scooter.

Julie shook her head. With that Scooter reached for the phone.

"Who you calling?" asked the inspector.

"Beeline Airlines. Hello, G. B., get your copter and get over to the Freds State Bank!" Scooter said as he slammed down the receiver.

"Oh, well, I should have known the whole gang would be here. But what's the helicopter for anyway?" queried the inspector.

It was so elementary

Scooter almost laughed, "If he didn't go out the front door he must have left from ..."

"The roof!" interjected Doc. Someday Doc would be a P.I. too.

"Julie, come here before these guys get you mixed up too," the inspector said as he

and Julie left the room. "And don't touch anything while I'm gone!" the inspector called back.

"Come here, Doc. How did you get out of the car?"

"Julie helped me. Hey, she's cute, Scoots."

"Hands off Doc or I'll tell the Monkey Woman." That

was enough to deter Doc.

"Okay, okay, anyway. When did G. B. get his flying license back?"

"He's had it all semester. How do you think the Miner gets their aerial photos? By the way, did Julie say anything when you were coming up here with her?"

"Yes, she said her father was worried when he called her. She thought somebody was pressuring him into something. Boy, he needed this job like a hole in the head!"

"Cut it out, Doc, Julie might hear. Hmm, this sounds like foul play alright,

we better be careful, and Julie needs to be protected. Looks like a job for: Scooter P.I."

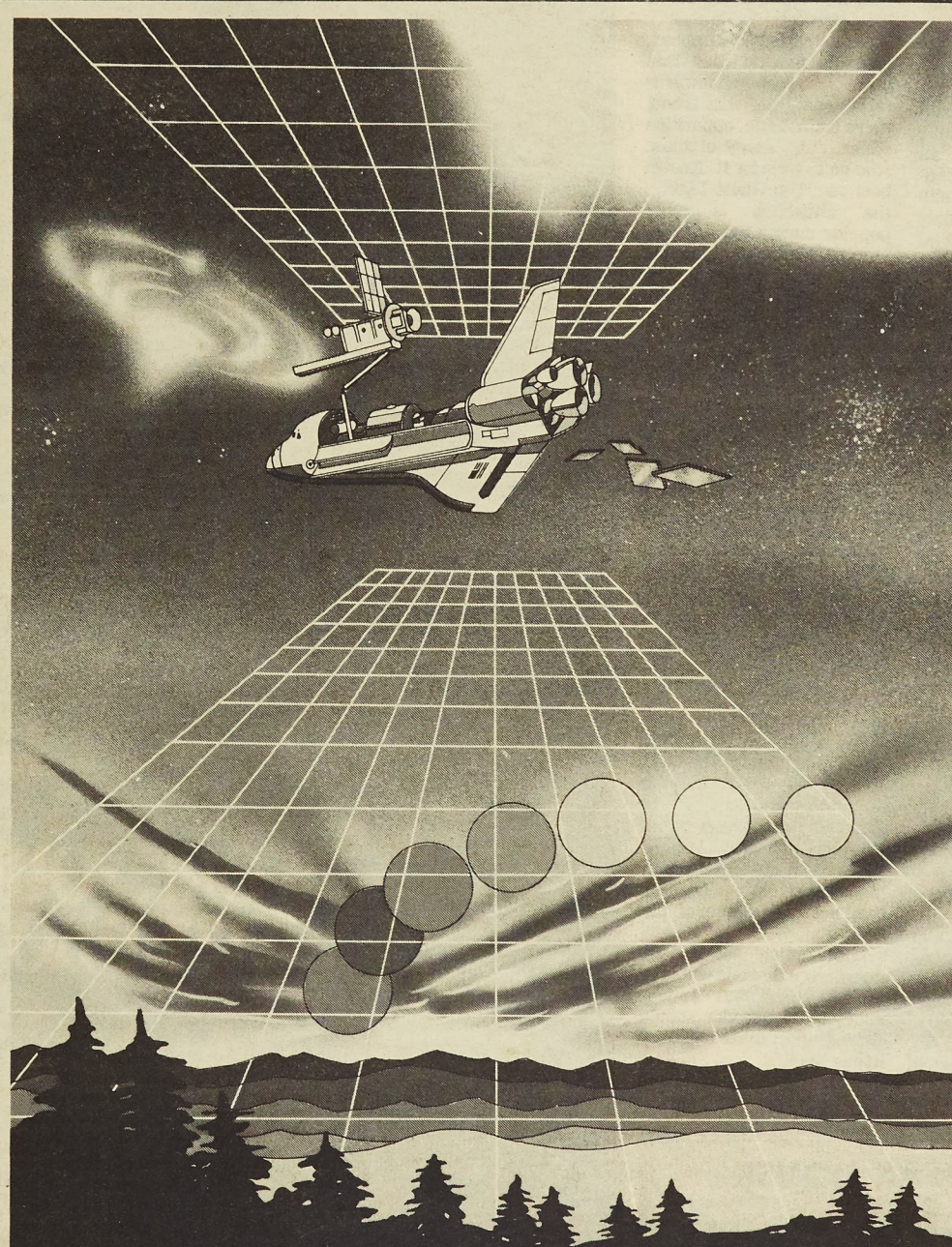
"I hear a helicopter coming Scooter."

"That'll be G. B. Let's open the window."

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from page 9 **Defense**

where the Engineers and other college educated people must apply their talents, to help private enterprise share more of the burden of work from the already overburdened Federal Government. (Wow, I bet I sound like a Reaganomics textbook. But Reality hits hard and we must all share in the work ahead.) So you see, we all

must work for our own defense, whether it be military, economic, social, moral, or whatever. As Americans, we work for a better life and protection of freedoms for each other. And as world citizens, we must strive for better understanding and cooperation among all peoples of the world, for peace, and for human dignity.

from page 11 **Witch**

As the judgment was passed, the man was sentenced to die for the crime he didn't commit. Along the way to the gallows, he set his hand upon the wall of the death row, proclaiming that it would remain there forever — a monument to attest to his innocence.

And today, after many coats of paint, and many different and strong cleansing agents have attempted to tackle the job of removing the print: it still remains. A clear and distinct print, many years old ... blazing through many layers of dense paint.

So beware all you skeptical people! The world of unknown and unexplained isn't a fool's portrait of illusion. The universe offers many enigmas that man has yet to explain. Perhaps some shall never be explained without a flaw.

But even so, as this Halloween visits us, perhaps you will be more aware of the strangeness in this world around us ...

... And somewhere, in the confines of thick woods, a oven will be meeting, this perhaps cold, late October night. And hooded figures in black will dance with unarnished energy about a billowing fire, far from the view of those of us they would call "Outsiders".

A slow, moving chant will stir the chill of the night; and, amber shadows will trace the way in the deep recesses of the forest beyond.

Into the utter blackness of night, where all the tales from the seance and cemetery haunt us all.

The strange is not rare. One only has to tune him or herself towards trying to find it. And, the author is quite certain, what will be

found will be forever an interest, perhaps a strong one, to them.

As a note to all of those who are thrill seekers, here's a little spoof that, just maybe, would make for a little interest.


Near Seneca, Missouri, there is a little road that leads west towards Oklahoma. On that road, there is a little apparition which visits many of those who go to look for it. Known best as "The Ghost Light," the attraction is quite popular during the summer months. To be sure, no one really knows what it is. The Army Corps of Engineers spend better than a year studying the object, without hitting on a solid theory. Frankly, its just peculiarly hard to see.

Many persons who have waited on the light to appear have attested to, not only its existence, but the fact that it would go through their car! Now, the author of this would rather just be safe and say, "See for yourself." By heading south of Joplin, Missouri on Highway 43, about six miles down one will run into route BB. It will head left ... but turn right opposite the route. The paved road will end some miles down (around five miles) and then the road will veer to the right. Follow it until you come to a "Y" in the road. Go left from there. Up along that area is Spook Light road; but please don't look for a street sign because that isn't the name of the road.

The author offers no guarantees that one will ever see the light, but it does exist. So the reader should definitely not make a special trip to see it ...

... But perhaps in just passing. Happy Halloween!

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GULF RECRUITER ON CAMPUS:
November 2, 17, 18, 1981

Harriers sweep home meet

By DAN BROWN

Last weekend the UMR cross-country team held a dual meet to help prepare them for the upcoming Missouri Intercollegiate Athletic Association Conference meet. The Miners won easily, scoring merely 15 points to the School of the Ozarks 50 points.

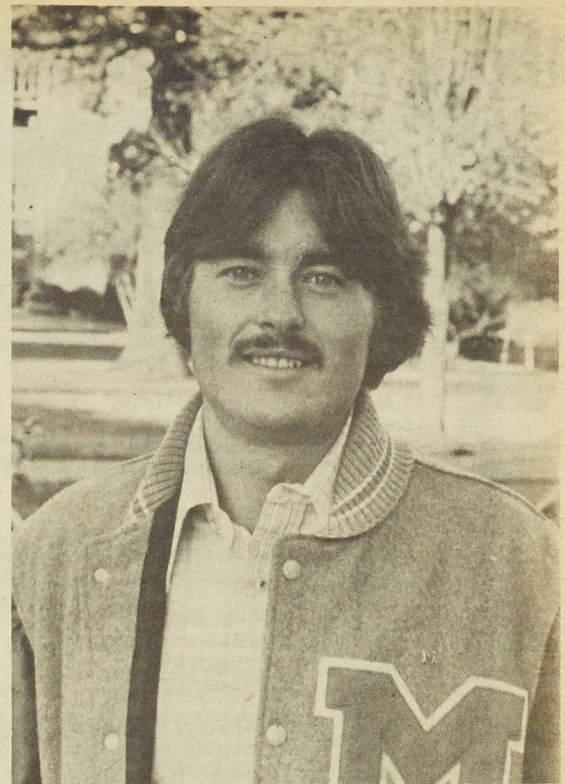
The Miners top five runners all finished under 27

minutes. Mark Stucky led the team with a first place time of 25:55. Jim Bullard crossed the line in second place at 26:40. He was followed closely by Jeff Peterson (26:45) and Dave Moore (26:49). Kevin Stock continued to run well, finishing fifth in 26:57. The Lichtenwalner brothers finished sixth and seventh for UMR. Pete finished in a time of 27:11 and Dan followed in 27:33. Scott

Giltner (28:10), Mark Clauss (28:11), and Ron Clark (28:29) all ran well finishing among the Miners' top ten runners. Clint Campbell who has consistently been one of the Miners top four finishers each meet missed last weekends meet because of illness. But Clint should be ready for this weekend's big meet.

The Miners will be on their way to Maryville to compete

in the MIAA Conference meet at Northwest Missouri State University. This meet also serves as a national qualifying meet in which the top two teams and the top three individuals will qualify for the National meet in Lowell Mass. UMR will be represented by Mark Stucky, Jeff Peterson, Jim Bullard, Clint Campbell, Kevin Stock, Dave Moore, Pete Lichtenwalner, and Dan Lichtenwalner.



Mark Stucky

Kickers split on road trip

By LISA GALLAGHER

Last weekend, the UMR Soccer team traveled to Kansas City to face Rockhurst College and the University of Missouri-Kansas City. The Miners split the pair of games, losing to the highly acclaimed Rockhurst but winning their game against

UMKC, by a score of 4-1.

The goals against UMKC came from Steve Svoboda, Matt Narzinski, Mike Heinze and Pat Becker. Becker, who has scored 13 goals this year, needs just one more to tie the UMR record of most goals in a season. The record is held by teammate Don Anselm with 14 goals last

season.

Although UMR lost to Rockhurst, 1-0, the team played excellent soccer. As coach Paul McNally put it, "Playing as well as we did and staying in the game with a school like Rockhurst shows me just how far our soccer program has come. We are very close to being an

excellent team."

UMR's next games will be October 31 at Illinois State and November 1 at Sangamon State. The Miners will then return to UMR to finish out their regular home schedule on November 7, hosting Northeast Missouri State at 7:00 p.m. The team is now 9-6-1.

IM News Update

By JOHN DANIEL

Intramural soccer and volleyball are now under way and highlight the action in the second half of the semester. Volleyball play started last week while soccer joined the busy intramural schedule this past Tuesday.

Double elimination tournaments in racquetball and billiards are in process and are nearing completion.

Table tennis will begin on November 9. Entries for the double elimination tournaments in singles and doubles play are due on November 4.

This Saturday the multi-purpose building will be open from 10 a.m. to noon, however, the gym floor will be reserved for varsity basketball practice. The multi-purpose building, the gym floor, and the swimming pool will all be available after the home football game until 7:45 p.m. On Sunday all facilities will be available from 1:00-4:45 p.m.

Students are reminded that St. Pat's gym is available for free play each Tuesday and Thursday evening from 6-9 p.m. Validated student identification is required.

Following are the current intramural standings. The point totals include points from flag football, golf, cross country, tennis and swimming:

Sports

Thursday, Oct. 29, 1981

MISSOURI MINER

Page 17

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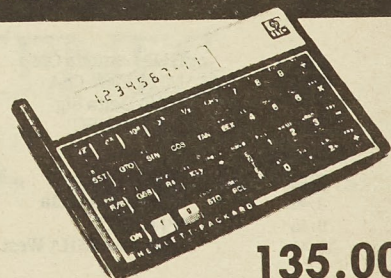
M - Club

Athlete of the week

Mark Stucky, UMR cross country man, is this weeks athlete of the week. Helping to defeat the School of the

Ozarks 15-50, Stuckey ran 25:55 in the 5-mile race and was the number one runner in the meet. Good job, Mark!

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IM Volleyball Schedule

DATES	TIMES	COURT I	COURT 2
Oct. 29	6:30 7:30 8:30 9:30 10:30	MHA East-MHA West Triangle-Pi KA Acacia-Wesley Delta Sig-TJHA	Tech Eng-ABS Kappa Sig-RHA Pi Kappa Phi-A Phi A Sig Pi-ROTC
Nov. 2	7:45 8:45 9:45 10:45	Sig Tau-Campus Lambda Chi-TKE CSA-Newman MHA East-Wesley	Theta Xi-CCH Beta Sig-Sig Nu A E Pi-Delta Tau Tech Eng-A Phi A
Nov. 3	7:45 8:45 9:45 10:45	*Newman-Wesley *AWS-ZTA *Stardusters-GDI Acacia-Newman	*Chi O-D of N *KD-TJHA *ABS-WHA Pi Kappa Phi-CCH
Nov. 4	7:45 8:45 9:45 10:45	BSU-Campus CSA-Sig Tau GDI-Pi KA Wesley-Newman	Vets-Delta Tau A Phi A-CCH Sig Ep-RHA Theta Xi-A E Pi
Nov. 5	7:45 8:45 9:45 10:45	KA-TJHA MHA West-Campus Triangle-TKE Acacia-Sig Tau	Phi Kap-ROTC ABS-Delta Tau Kappa Sig-Sig Nu Pi Kappa Phi-A E Pi
Nov. 9	7:45 8:45 9:45 10:45	Delta Sig-Lambda Chi BSU-CSA GDI-TJHA MHA East-Newman	Sig Pi-Beta Sig Vets-Theta Xi Sig Ep-ROTC Tech Eng-CCH
Nov. 10	7:45 8:45 9:45 10:45	*Stardusters-ZTA *TJHA-GDI *AWS-KD Pi KA-TKE	*Chi O-WHA *ABS-Newman *Wesley-D of N RHA-Sig Nu
Nov. 11	6:30 7:30 8:30 9:30	Acacia-BSU Delta Sig-Triangle MHA West-CSA KA-Lambda Chi	A Phi A-A E Pi Phi Kap-Beta Sig Kappa Sig-Sig Pi Wesley-Sig Tau
Nov. 12	6:30 7:30 8:30 9:30	ABS-Theta Xi GDI-TKE MHA East-Sig Tau TJHA-Lambda Chi	Pi Kappa Phi-Vets Sig Ep-Sig Nu Tech Eng-A E Pi ROTC-Beta Sig
Nov. 16	7:45 8:45 9:45 10:45	Campus-CSA Newman-BSU Pi KA-Delta Sig KA-Triangle	Delta Tau-Theta Xi RHA-Sig Pi CCH-Vets Phi Kap-Kappa Sig
Nov. 18	7:45 8:45 9:45 10:45	*WHA-Wesley *AWS-Stardusters *Newman-D of N Wesley-MHA West	*KD-GDI *ZTA-TJHA *ABS-Chi O A Phi A-ABS
Nov. 19	7:45 8:45 9:45 10:45	GDI-Lambda Chi MHA East-CSA TKE-Delta Sig Sig Tau-BSU	Sig Ep-Beta Sig Tech Eng-Theta Xi Sig Nu-Sig Pi A E Pi-Vets
Nov. 30	7:45 8:45 9:45 10:45	TJHA-Triangle Campus-Acacia Pi KA-KA Newman-MHA West	ROTC-Kappa Sig Delta Tau-Pi Kappa Phi RHA-Phi Kap CCH-ABS
Dec. 3	7:45 8:45 9:45 10:45	Wesley-BSU Tech Eng-Delta Tau MHA West-Acacia MHA East-Campus	A Phi A-Vets ABS-Pi Kappa Phi Sig Tau-Newman CCH-A E Pi

Current IM Standings

Sig Ep	791.5
Kappa Sig	744
TKE	736
Beta Sig	701
Campus	645
Pi KA	639.5
Sig Nu	589
Phi Kap	574
Triangle	571.5
TJHA	564
Lambda Chi	555
RHA	544
Theta Xi	519
Sig Pi	490
Delta Sig	478
A E Pi	471
KA	454.5
MHA-East	441
Tech Eng	434.5
Wesley	418.5
Newman	398
Sig Tau	374.5
Delta Tau	367
GDI	361
Econ Club	294
ABS	274
CCH	242.5
Pi Kappa Phi	240
ROTC	228
A Phi A	214.5
Acacia	165
BSU	153
CSA	133.5
MHA-West	120

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Miners play to 0-0 tie

SOURCE: OPI

Only the defenses shined in Rolla last Saturday afternoon.

Battling cold weather and blustery winds, the University of Missouri-Rolla Miners and the Central Missouri State Mules played to a 0-0 stalemate. It was the Miners' first scoreless tie since 1946.

For the Mules, the result was nothing new. It was their third tie of the season. That is the most for any CMS team since 1939.

The Mules had an early chance to put some points on the board, as they moved the ball to UMR's one-yard line with 10:38 remaining in the first half. The Miner defense, however, rose to the occasion and pushed the Mules back to the four-yard line after three plays.

On fourth and four, the Mules elected to go for the touchdown, rather than settling for a short field goal. Quarterback Scott Loveland's pass was incomplete and the Miners took possession.

UMR's best efforts offensively were spoiled by a fumble and an interception, as the Miners could get no closer than the CMS 26-yard line.

The Mules had one last chance to win the game, as Loveland moved his club to the Miner 36 with about a minute left to play. The Mules appeared to be all set up for a game-winning field goal.

UMR's defense held however, the big play being when defensive end Paul Demzik threw the Mules' quarterback for a 14-yard loss, pulling them out of field goal range as time expired.

David Fischer paced the Miner ground attack with 63 yards on 16 carries, while Brian Paris added 33 yards on 10 tries. Quarterback Dennis Pirkle threw the ball only 11 times, connecting on five with two interceptions. His favorite receiver was Terry McDonald, who grabbed three passes for 43 yards, including a 23-yard reception.

The Miner defense was paced by sophomore linebacker Steve Davis, who was in on nine tackles and threw two runners for losses of six yards. For his efforts, the Jefferson City, Mo., native was named co-winner of the "MIAA Player of the Week" award on defense.

UMR takes its 4-2-1 record against the University of Evansville this Saturday in a 1:30 p.m. home game. The Purple Aces are 2-6 overall, coming off a 14-0 loss to Franklin College last week.

"We need to get a good effort against Evansville in this non-conference game and then play well against

Southeast and Northeast Missouri in the final two conference games," UMR head coach Charlie Finley said.

How did the tie effect the MIAA race?

"The way I look at it we still would have had to go in and beat Northeast and Southeast if we were to win the conference race," Finley said, "so in that respect it did not have too much

bearing on us."

Northeast, a big winner last week against Northwest Missouri State, currently leads the MIAA with a 3-0 mark. The Miners are second at 2-0-1.

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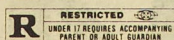
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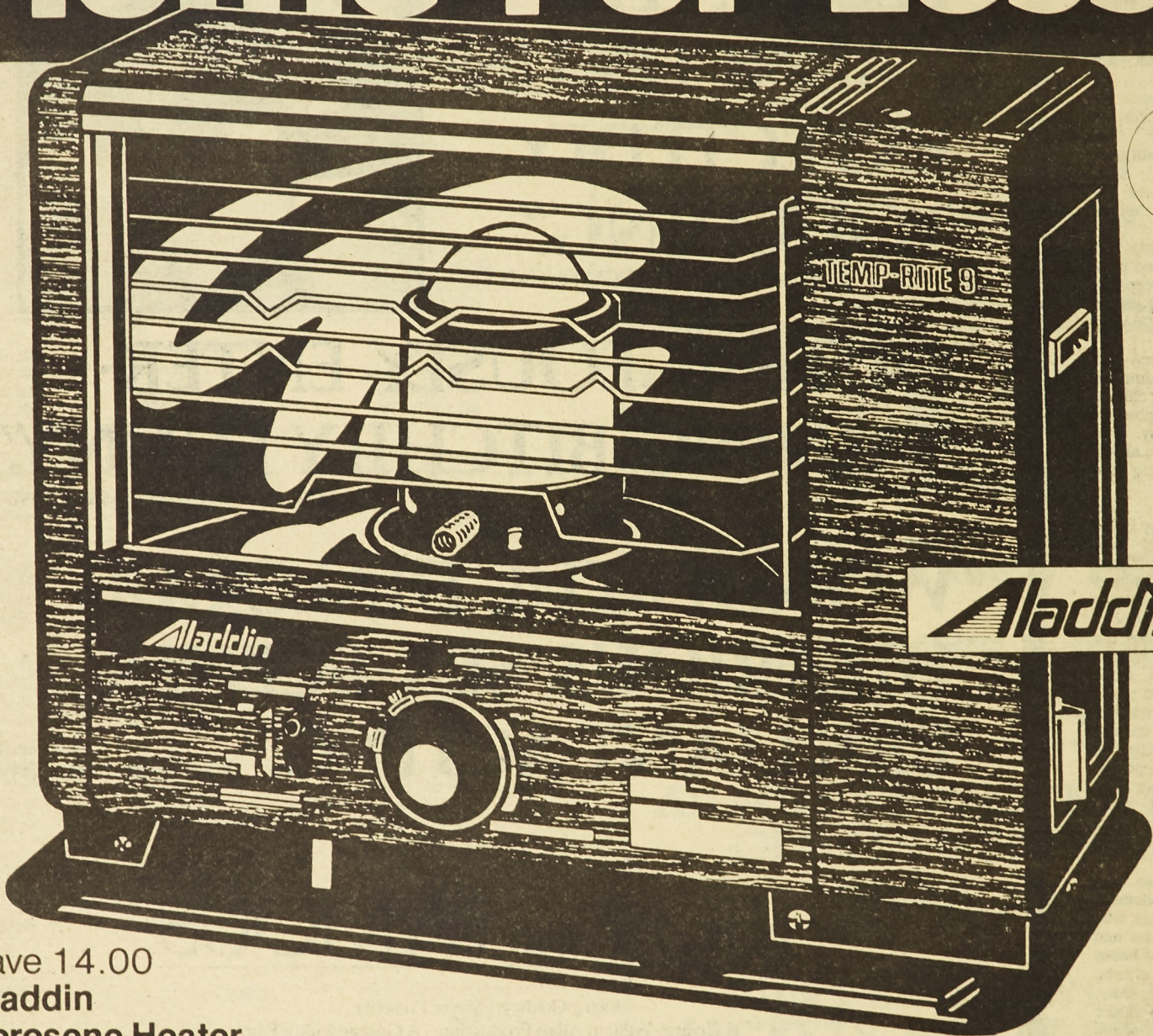
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Hwy. 63 S. Only
Open 9 a.m. to 9 p.m.
Prices Good Thru Sat.
Oct. 31, 1981

Now Heat Your Home For Less!



Save 14.00
Aladdin
Kerosene Heater

- Heats 12'x12' area for 16 hrs. on 1 gallon of kerosene
- 9600 B.T.U.'s per hour output
- Odorless, no venting required
- Automatic shut-off if hit or jarred
- Removable fuel tank •Auto lighting
- Cooking surface •No. S-381 •Reg. 158.00

\$ 144



WAL-MART'S ADVERTISED MERCHANDISE POLICY—
 It is our intention to have every advertised item in stock, however, if due to any unforeseen reason, an advertised item is not available for purchase, Wal-Mart will issue a Rain Check on request, for the merchandise to be purchased at the sale price whenever available, or will sell you a similar item at a comparable reduction in price. We reserve the right to limit quantities.

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