



28 Nov 1990

## The Missouri Miner, November 28, 1990

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# Missouri Miner



A publication of the students of the University of Missouri-Rolla

November 28, 1990

Volume 79, Number 13

Sixteen pages

## Chancellor declines University of Nebraska president position

I have informed the Board of Regents of the University of Nebraska that I am no longer a candidate for the presidency of that university. This decision has been reached after careful thought and consultation with a number of friends and associates. My reason for this decision derives from the

continued attractiveness of the University of Missouri-Rolla for me and my family.

While the presidency of the University of Nebraska is an attractive opportunity and in spite of the courtesies shown me by representatives of that university, I have decided to with-

draw as a candidate and to continue to focus my energies on the educational work here at the University of Missouri-Rolla.

MARTIN C. JISCHKE  
Chancellor



Chancellor's Office

Chancellor Martin C. Jischke

## Student found dead

News Services  
SOURCE

George C. (Chris) Reynolds of Humansville, Mo., was found dead at his residence at 601 Shady Acres in Rolla. Reynolds, a 19-year old, was a

freshman in engineering at the University of Missouri-Rolla. He was employed locally at Shoney's Restaurant. An investigation by the City of Rolla Police Department is currently being conducted to determine the cause of death.

## Geological Engineering department receives grant

News Services  
SOURCE

The Monsanto Fund, the philanthropic division of the Monsanto Co. in St. Louis, has presented a \$600 grant to the geological engineering department at the University of Missouri-Rolla to assist with a teachers workshop held recently during the annual meeting of the Association of Engineering Geologists (AEG).

According to John L. Mason, president of the Monsanto Fund, the grant is to provide partial support for printing resource material about solid waste management prepared by Dr. C. Dale Elifrits, UMR professor of geological engineering. Elifrits presentation on solid waste management "symbolizes the priority Monsanto places on this important subject," says Mason.

During the workshop Elifrits spoke

on "Is Garbage Gold? Landfills and You!" "Monsanto's support provided solid waste management handbooks for over 200 primary and secondary earth science teachers who attended the one-day workshop," explains Elifrits.

Dr. David J. Barr, UMR professor and chairman of geological and petroleum engineering, says, "We are grateful for this grant, which signifies Monsanto's commitment to the geological engineering profession and to educating people who are prepared to solve environmental concerns."

Gregory L. Hempen, the 1989-90 president of AEG, adds, "Monsanto is to be credited in assisting science education. The reproduction costs provided for the AEG teachers workshop places information science material for classroom use in active teachers' hands and readily aids individual science programs."

## Final Examination Week begins Monday, December 10

### FINAL EXAMINATION SCHEDULE FALL 1990

The final examination period will begin Monday, December 10, 1990, at 7:30 a.m., and end at 5:30 p.m., Friday, December 14, 1990. Common finals are scheduled for those courses listed in Section II below. Room assignments for common finals will be announced by the instructors.

The courses not covered in Sections I, II, and 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.

B Eng 50, 150	Monday	7:30-9:30
B Eng 110	Thursday	7:30-9:30
C Sci 73	Friday	7:30-9:30
C Sci 228	Tuesday	7:30-9:30
EE 61, 63	Wednesday	7:30-9:30
E Mgt 208	Tuesday	7:30-9:30
Hist 112, 112H, 175, 176	Monday	7:30-9:30
Math 2, 4, 8	Tuesday	7:30-9:30
Math 6	Wednesday	7:30-9:30
Math 21, 22	Thursday	7:30-9:30
Phys 23, 24	Wednesday	1:00-3:00
Pol Sci 90	Monday	7:30-9:30



### III. Regular Finals

#### First Weekly Class Meeting Time

Monday	7:30
Monday	8:30
Monday	9:30
Monday	10:30
Monday	11:30
Monday	12:30
Monday	1:30
Monday	2:30
Tuesday	8:05 or 8:30
Tuesday	9:30
Tuesday	10:30
Tuesday	11:05 or 11:30
Tuesday	12:30
Tuesday	1:30 or 2:05

#### Final Exam Time

Tuesday	3:30-5:30
Thursday	1:00-3:00
Tuesday	1:00-3:00
Monday	1:00-3:00
Friday	1:00-3:00
Friday	3:30-5:30
Monday	10:00-12:00
Wednesday	3:30-5:30
Monday	3:30-5:30
Tuesday	10:00-12:00
Thursday	10:00-12:00
Wednesday	10:00-12:00
Thursday	3:30-5:30
Friday	10:00-12:00

According to the Manual of Information 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" (Friday, November 30).

# Calendar of Events

## Wednesday

Bible Study Club, Maramec, 12:30 p.m.

Wesley Mtg., 6 p.m.

Spelunkers Mtg., 206 McNutt, 6 p.m.

Blue Key Mtg., 216 ME, 6:15 p.m.

ASCE Mtg., CE 114, 7 p.m.

Sport Parachute/Hang Gliding, 206 McNutt, 7 p.m.

SME Mtg., McNutt, 7:30 p.m.

American Foundation Society, 211 McNutt, 7:30 p.m.

Newman Mass, 9 p.m.

Amnesty International will be showing a movie "Forgotten Prisoners: The Amnesty Files", 7 p.m. in TJ South Lounge

Juggling Club, 6 - 9 p.m., Miner Rec.

## Thursday

Madrigal Dinners, Centennial Hall, "Scenes from the Life of Henry VIII," Reception — 6 p.m., Performance and Dinner, 6:30 p.m., UCE. Written reservation are required. Send to : Madrigal Dinner, PLA Office, 236 Humanities-Social Sciences, and enclose self-addressed stamped envelope and check. Tickets are \$15 each.

Toastmasters Mtg., 220 Fulton, 4:30 p.m.

Climbing club, 206 Fulton, 6:30 p.m.

IK Mtg., 204 McNutt, 6:30 p.m.

American Nuclear Soc., 227 Fulton, 6:30 p.m.

HKN Mtg., 102 EE, 6:30 p.m.

UMR Film Series: "Soldier of Orange," 7 p.m., Miles Auditorium, ME Bldg. Admission be season ticket or \$3 at the door.

GDI Mtg., 114 CE, 7 p.m.

IVCF Bible Study, 101 EE, 7 p.m.

APO Mtg., 7 p.m.

KME Math Help Session, 203 M-CS, 7 p.m.

Alpha Chi Sigma, G-3 Schrenk, 7 p.m.

Alpha Chi Sigma Tutoring, 126 Schrenk, 7 p.m.

ASCE Mtg., E17 CE, 7 p.m.

Chess Club, UCE, 7:30 p.m.

Gaming Mtg., 206 McNutt, 7 p.m.

Mariano Trujillo, Director, UMR Placement Office, 3:30 p.m., G-5 Humanities/Social Sciences Bldg., Sponsored by UMR History Club

Physics Colloquium, "High Resolution Imaging of Magnetic Microstructures," Dr. Dan Pierce, NIST Gaithersburg, 4 p.m., Room 104, Physics Bldg. Free.

## Friday

Madrigal Dinners, Centennial Hall, "Scenes from the Life of Henry VIII," Reception — 6 p.m., Performance and Dinner, 6:30 p.m., UCE. Written reservation are required. Send to : Madrigal Dinner, PLA Office, 236 Humanities-Social Sciences, and enclose self-addressed stamped envelope and check. Tickets are \$15 each.

SUB Movies: War of the Roses & Eating Raoul, 104 ME, 7 p.m.

Last Day to Drop!!!!

SUB Presents: Second City Comedy Troupe, Cedar Street Center, 7 p.m.

Korean Student Assoc., 126 Schrenk, 7 p.m.

Brown Bag Lunch Discussion, 11:30 - 12:30, Mark Twain Room, "They Just Don't Understand Me" and Other Dilemmas of University Professors and Students, Everyone Welcome.

Mathematics and Statistics Department Colloquium, "Demonstration of SYSTAT: A Comprehensive Statistics and Graphics Package Suitable for Instruction and Research," Michael Lavolette, UMR, 3:30 p.m., Room 209-209A, M-CS Bldg. Free.

## Saturday

NSBE Talent Show, Cedar St.

SUB Movies: War of the Roses & Eating Raoul, 7 p.m., 104 ME

Madrigal Dinners, Centennial Hall, "Scenes from the Life of Henry VIII," Reception — 6 p.m., Performance and Dinner, 6:30 p.m., UCE. Written reservation are required. Send to : Madrigal Dinner, PLA Office, 236 Humanities-Social Sciences, and enclose self-addressed stamped envelope and check. Tickets are \$15 each.

Miners at Drury

Open Gaming, 317 CE, 9 a.m.

Chinese Student Assoc. Movie Series, G-3 Schrenk, 7 p.m.

Lady Miners vs. Quincy, 7 p.m.

## Sunday

Open Gaming, Sunrise, 12 p.m.

Chamber Ensembles, 104 ME, 3 p.m.

Wesley Chapel, 7 p.m.

KMNR Mtg., 107c Old Mining, 8 p.m.

## Monday

Test Anxiety, 201 Norwood, 3:30 p.m.

Independents BOG Mtg., Maramec, 7:30 p.m.

Miners vs. Westminster, 7:30 p.m.

Movie Night at the Brechmacher House, 609 W. 9th St., 8 p.m., "Men at Work" and "Betsy's Wedding"

Life Talks, 7:45 p.m., 414 Holtman at the Quad.

Christian Campus Fellowship, Missouri Room, UCE, 6 p.m.

## Tuesday

StuCo Lawyer, Walnut, 2:30 p.m.

SWE Mtg., Maramec Room, 5:30 p.m.

AEG Mtg., 204 McNutt, 6:30 p.m.

KME Math Help Session, 203 M-CS, 7:30 p.m.

Chi Alpha Sigma, 210 McNutt, 7:30 p.m.

## Next Wednesday

Bible Study Club, Maramec, 12:30 p.m.

Wesley Mtg., 6 p.m.

Spelunkers Mtg., 206 McNutt, 6 p.m.

Alpha Chi Sigma Mtg., G-3 Schrenk, 7 p.m.

Sport Parachute/Hang Gliding, 7 p.m., 206 McNutt

Newman Mass, 9 p.m.

Sigma Xi Luncheon, noon, Missouri Room, UCE. Bring your lunch. Topic to be announced.

Juggling Club, 6-9 p.m., Miner Rec.

## Noday

ATTENTION DECEMBER GRADUATES.

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 15, 1990.

## Financial Aid

THE FOUNDATION OF THE WALL AND CEILING INDUSTRY

The Foundation of the Wall and Ceiling Industry is offering 15 \$500 scholarships to students pursuing construction-related careers in fields such as construction supervision, architecture and industrial technology. Eligibility requirements are:

Pursuing a degree in a construction-related field. A full-time student at the college sophomore or junior levels. Junior level candidates must have one full academic year of coursework remaining at the beginning of the 1990 fall term.

OR

A first or second year student attending a two-year school.

Application Deadline: December 3, 1990.

Additional information and applications can be obtained in the Student Financial Aid office, G-1 Parker Hall

THE DR. ROBERT H. GODDARD SCHOLARSHIP The National Space Club will award a \$7,500 scholarship for the academic year 1991-92. The scholarship is in memory of Dr. Robert H.

Goddard, America's

rocket pioneer. The award is given to stimulate the interest of talented students in the opportunity to advance scientific knowledge through space research and exploration. The terms of the scholarship are as follows:

The applicant must be a U.S. citizen, in at least the junior year of an accredited university and have the intention of pursuing undergraduate or graduate studies in science or engineering during the interval scholarship.

Application Deadline: January 4, 1991

Additional information can be picked up at the Student Financial Aid office in G-1 Parker Hall.

NAVY ENGINEER Each year the United States Navy selects approximately 300 of the top students in engineering, math, physics and chemistry from around the nation, for its highly prestigious Nuclear Propulsion Officer Candidate program. Minimum qualification are:

- Completed 2 Semesters of calculus and calculus based physics  
- Grade point average of 3.3 or better (3.0

See Financial Aid, page 4

## Missouri Miner

The **Missouri Miner** is the official publication of the students of the University of Missouri-Rolla. It is distributed each Wednesday afternoon at Rolla, Missouri and features activities of the students of UMR.

All articles, features, photographs, and illustrations published are the property of the **Missouri Miner** and may not be reproduced or published without written permission.

The **Missouri Miner** encourages comments from its readers, and will attempt to print all responsible letters and editorial material received. All submissions must have a name, student ID number, and phone number for verification. Names will be withheld upon request.

Submissions for publication must be in our drop box (first floor of the Norwood Hall, Room 103) by 3:30 p.m. on the Thursday before publication. The **Missouri Miner** reserves the right to edit all submissions for style, grammar, punctuation, spelling, length, and matters of good taste.

The **Missouri Miner** is operated by the students of UMR and the opinions expressed in it do not necessarily reflect those of the university, faculty, or student body.

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# Comments

## What a precious price to pay for oil

I was intrigued to see the Air Force ROTC display this week regarding many soldiers that could still be MIA/POW's in southeast Asia. There was a tragic loss of many young and potential lives in those far off jungles. Certainly our hearts go out to those families that will never know the fate of their loved ones.

However we now need to turn our attention away from that conflict and look towards the future. As Mister Bush moves this country inexplicably closer to war in the Mid-East, we need to realize that this country is entering a quagmire that will be very difficult to get out of without significant loss of life and many additions to the list of POW/MIAs. With the new troop build-up recently announced we will have 50% of the US Marines, almost 50% of the active duty Army, and 43% of the Navy's aircraft carrier groups located in the Mid-East area. In addition there will be over 2000 tanks. This build-up will bring troop levels very near to those approached in that insanity that was Viet-Nam.

The question we need to ask is "Why are we willing to send boys and girls to the Mid-East to die?" Many of you have told me it is to restore democratic government in Kuwait. I ask you, what is the difference between the U.S.

Army storming into Granada, and deposing the elected government and Saddam Hussein invading Kuwait? Or what is so different about the U.S. going into Panama and capturing the head of state and setting up a U.S. backed puppet government?

NO, the real reason that Oilman George is willing to sacrifice your brothers, sister, dads, and uncles is so that the oil market will remain stable and MOBIL, TEXACO and the like will continue to make huge profits.

I would urge those of you who are interested in the plight of our POW/MIAs to not wait until we have a lot more men and women missing but to take time today and write your elected officials at every level and demand that our troops leave the Mid-East.

A whole barrel of Middle-East Oil is not worth one drop of American blood or another name added to the POW/MIA list.

John H. King



## Financial Aid

(for senior)

- U.S. Citizenship

For more information contact the Student Financial Aid Office, G-1 Parker Hall.

### THE HEAVY CONSTRUCTORS ASSOCIATION OF THE GREATER KANSAS CITY AREA

The Heavy Constructors Association of Greater Kansas City is making two scholarships available, each in the amount of \$2,500 for students pursuing careers in construction sciences. Requirements are:

- Shall be full-time students who demonstrate financial aid.
- Preference given to well rounded persons who are upper classmen, to Kansas City area residents, and to sons or daughters of construction employees.
- Applicants will be required to demonstrate their commitment to obtaining careers in construction.
- Recipients will be required to seek summer employment in construction.

**Deadline: April 15, 1990**

Applications may be obtained in the Student Financial Aid office, G-1 Parker Hall. The application is to be turned in to the SFA office by April 15, 1990.

### CONSULTING ENGINEERS COUNCIL OF MISSOURI

CECMo is currently accepting applications for its annual scholarship awards program.

CECMo will be offering three \$1,000 cash scholarships. Eligibility requirements are:

- Candidates must be U.S. citizens
- Pursuing a Bachelors Degree at an accredited college of engineering and entering their junior, senior or fifth year in the fall of 1991.

Winners will be selected based on superior scholastic efforts, civil responsibility, community and college-level ability.

For more information and where to contact to obtain the application, contact the Student Financial Aid office, G-1 Parker Hall.

### SOCIETY FOR THE ADVANCEMENT OF MATERIAL AND PROCESS ENGINEERING

SAMPE is officially kicking off their 1991

Undergraduate Awards Program for Engineering Students. Consideration is given to scholastic average, specific courses of

study, academic awards and honors received, work experience, campus and community activities, and written dissertation demonstrating the student's objectives in

processing and materials technologies. The requirements are:

- Pursuing a B. S. in engineering
- Applicants must be a full-time students in

Loan, University Loans, Missouri Grants, the Stafford Student Loan Program, The Income contingent Loan program and for the PLUS/SLS Loan Program for the 1991-92 academic year. First consideration will be given to those students whose ACT-FFS is received by the processing agency by March 31, 1991.

one of the accredited programs.

- Applicants must be recommended by his or her department head.
- Applicants must have a 3.3 minimum cumulative gpa based on 4.0.
- High school and college seniors are not eligible.

1991 Awards: 1st Place- \$3000, 2nd Place- \$1500, 25-\$1000

**Deadline: February 1, 1991.**

Applications may be picked up in the Student Financial Aid office, G-1 Parker Hall.

### ST. LOUIS CHAPTER OF MSPE

**AUXILIARY** The St. Louis Chapter of the Missouri Society of Professional Engineers is once again awarding \$1500 scholarships to engineering students for the 1991-92 academic year. At least one scholarship will be awarded to a UMR student. The requirements are:

- The student be a junior or senior engineering student in the 1991 fall semester
- Good scholastic achievements
- And financial need.

Former recipients are eligible to apply for a renewal and special consideration will be given to students from the St. Louis metropolitan area. **Deadline:** Applications are to be completed and submitted to the Student Financial Aid office by November 30, 1990, along with transcripts.

Applications may be picked up in the Student Financial Aid office, G-1 Parker Hall.

**1991-91 ACT/FFS Available** The ACT Family financial Statements for the 1991-92 academic year (Fall 1991 and Winter 1992) are available for students in the foyer outside the Student Financial Aid Office (G-1 Parker Hall). This form must be completed in order for a student to be considered for a Pell Grant, College Work Study, Perkins

# Ozark Actor's Theater to perform Dicken's "A Christmas Carol"

## Ozark Actors' Theatre SOURCE

The Ozark Actors Theatre (O.A.T.) will present a benefit production of Charles Dickens' classic tale "A Christmas Carol" on December 6, 8, 9, and December 13-16. The performance on Thursday, December 6 will be at 8:00 p.m. in Cuba at Recklein Auditorium. The Waynesville area will be able to see the play on Saturday, December 8 at 8:00 p.m. and Sunday, December 7 at 2:00 p.m. at the Waynesville High School Fine Arts Building. The performances December 13-16 will be in Rolla at the Cedar Street Center, with curtain time at 8:00 p.m. on Thursday, Friday, and Saturday evenings and 2:00 p.m. on Sunday.

All proceeds from "A Christmas Carol" will help fund the Ozark Actors Theatre 1991 summer season. Tickets are \$8 for adults, \$6 seniors (age 60 and above), and \$4 students/children; reservations may be made by calling (314) 364-9523 anytime. Tickets are also available in Rolla at A Slice of Pie, Kent Stained Glass and Engraving, Lenox Books, Music and Gifts, and Rolla Bus Center. For further information please call O.A.T. at 364-9523.

"A Christmas Carol" will be directed by O.A.T.'s Artistic Director, F. Reed Brown, with Puck Pukas as Assistant Director. The script is an adaptation developed by Brown and Pukas from Dickens' original story. The cast

of over twenty actors is made up of adults and children from our local area, and many other volunteers will be assisting on the backstage and technical crews.



## Department of Energy offers fellowships

### News Release SOURCE

Graduate fellowships are available for entering and first year graduate students majoring in science disciplines and interested in pursuing research careers in area pertaining to global change.

Applicants must be U.S. citizens and either entering or first year graduate students in appropriate disciplines. Sponsored by the U.S. Department of Energy (DOE) and administered by Oak Ridge Associated Universities, the Graduate Fellowships for Global Change Program includes full payment of tuition and fees at a DOE-approved institution, a \$1,200 monthly stipend, and a three-month practicum assignment at a DOE facility or research center associated with the Committee on Earth and Environmental Sciences.

Areas of study are interdisciplinary and may include climate and hydrologic systems, biogeochemical dynamics, ecological systems and dynamics, earth system history, human interactions, solid earth processes, solar influences, and data management. Relevant academic disciplines include agricultural sciences, atmospheric sciences and meteorology, biology and biotechnology, chemistry, computer sciences, ecology, economics, environmental

sciences, geology, geochemistry, geophysics, hydrology, instrumentation, mathematics and statistics, oceanography and ocean sciences, and physics.

Selection is based on academic performance, GRE scores, recommendations, coursework, experience, and a statement of career goals by the applicant. Fellowship appointments are for one year and may be renewed.

The application deadline is March 1, 1991, and awards will be announced in May 1991. For applications or more information contact Billie Stooksbury, Graduate Fellowships in Global Change Program, Oak Ridge Associated Universities, Science/Engineering Education Division, P.O. Box 117, Oak Ridge, TN 37831-0117, or call (615) 576-0037.

energy, nuclear engineering, health physics, radiation waste management, and computational science.

Graduate fellowship programs sponsored by the U.S. Department of Energy and administered by Oak Ridge Associated Universities provide full payment of tuition and fees, monthly stipends, and the opportunity to gain practical experience at a DOE laboratory. Awards vary depending on the specific program and the degree being pursued.

All programs require the submission of a fellowship application and completion of the Graduate Records Examination (GRE). Students must have received their undergraduate degree in a science or engineering discipline by May/June 1991.

Selection is based on academic performance, recommendations, background and a statement of career goals by the applicant.

Fellowship applications are being taken through Jan. 28, 1991, and awards will be announced in May 1991. For applications or additional information contact Rose Etta Cox of Portia Drost, ORAU Fellowship Programs, Oak Ridge Associated Universities, Science/Engineering Education Division, P.O. Box 117, Oak Ridge, TN 37831-0117, or call (615) 576-0138 or (615) 576-0128.

### News Release SOURCE

Students considering the continuation of their educational careers should look to the Department of Energy for a helpful hand. Tens of thousands of dollars are available for students interested in pursuing masters or doctoral degrees in such areas as fusion





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# Classifieds

## Miscellaneous

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**Campus individuals or organizations needed to promote Spring Break trips to Daytona or Panama City Beach, Florida.** Earn free trips and money while earning valued business experience. Call Kim at 1-800-558-3002.

**Roommate Wanted:** Female to share a nice 2 bedroom apartment on 10th st. within walking distance, share rent of \$225 per month. Please call 364-7001.

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## Personals

**Sleepy,**  
I was just depressed because mom hadn't called. I apologize for giving you a hard time. Thanks for the plant. When did you bring it by. I was babysitting for S. and didn't get home until 8:00 a.m. Thanks.

Cranky

**Susan and Lisa,**  
Thank you for the cake. I appreciate the time and effort you went through to make it. Do you both plan to fall back on your baking talents if engineering doesn't work out?

Donald Duck

**Hey Club members,**  
Meeting set for the final weekend of the semester. This time we stay until a solution for world peace is found.

One of You Now

**D,**  
It's going to boring with you gone. They won't be nearly as scared. Promise to visit now and then.

**JRM,**  
Am I breaking a record here?

**Vera,**  
You must really want to drop cals so you can pledge. Hope you had fun at the stress center.

**Julie,**  
You are such an awesome lil' sis!

**Tiffany,**  
You are the coolest big sis ever and I'm going to miss you sooooo much. You can't leave!

**To my roommates' big sis,**  
You are a cool chick!

**Warning:** Do not Drop your curling iron on your eyeball! (It hurts!)

**C,**  
I couldn't have asked for a cooler roomie!

**Jami,**  
You are the best roomie ever! Have fun in Texas!

**Kerri K., Chi O,**  
Have a great day!

**Kelly—ZTA,**  
You are the most awesome Big Sis! Stay cool!

**Stack & Tobis, Sig Pi,**  
You guys are the coolest big brothers in the world!

**Tim,**  
I hope your 24th was the best!

**Zetas are number one!**

**Lissy,**  
You are so fruit!

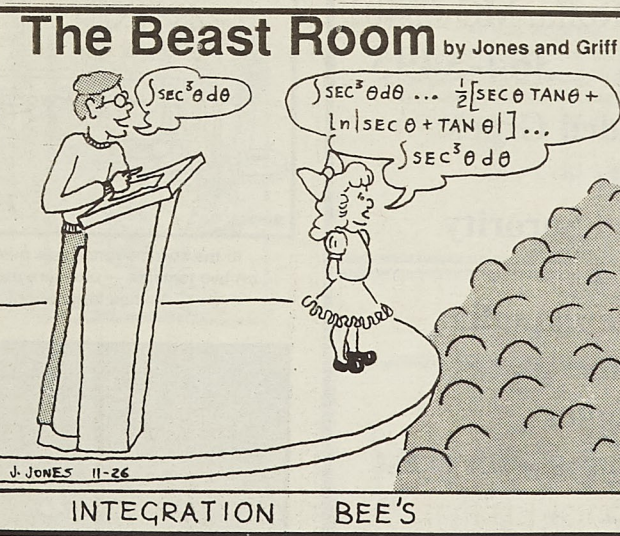
**Zeta Tau Awesome**

**Rusty,**  
You are soooooo strange!

**Plakes are the total ultimate!**

**Lissy,**  
Do you think you could at least make it to chem once in two weeks?

**Michelle is in like!**



**Rusty,**  
What happened to your glass top table??

**Apt 17, (Town and Campus),**  
Who really lives there? Corky or Rusty?  
A curious neighbor

**Corky,**  
I know why you don't have to warm up before your games anymore!

**Jill,**  
You are the greatest big sis ever! I'm so happy that I'm yls now. I am however sorry about the make-up. But it had to be done!

**Aim,**  
Could I possibly walk any faster?

**Dyan,**  
What are you again? A donkey?

**Kappa Sigma is the coolest!**

**Becky,**  
You are the most awesome lil' sis (even though you are older than me!)

**Mary,**  
You are a cool addition to our family!

**ZTA loves our houseboys!**

**D,**  
Could they be any more dense?

**Dyan,**  
Let's play our new drinking game!

**Keith,**  
Thanks for taking me to the movie! You are the coolest!

**Dyan,**  
Do pumpkins fly?

**Jill Doe,**  
Let's make a date for Chem and both try to show up!

**Hey.....** you forgot one reason to go back to Washington: # 11 to see Matt dressed like a flamer.

**Michelle,**  
You are an awesome grandma. You still are my gram.

I thank my secret pal for my smile.

**MBS,**  
We haven't had a lot of time together lately, but I still love you.

**G,**  
Here's to country, here's to us. Here's to Texas and guys named Gus?

**K,**  
How loud can you purr? Are your legs still sore?

**P.S.** Yeah, yeah, yeah! I don't think so! 5 weeks and counting!

**J,**  
I hardly recognize you anymore! What say we do something together soon? We could even study!

**Jennifer,**  
Thanks for being the greatest Big sis. I knew things would work out. Just trust me—it's a Kappa Sig thing. Sound familiar?

**Noelle,**  
I hate Fortran! How about you?

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These hours will augment the monitoring provided by departments for Computer Learning Centers and will provide 24 hour service during the busy part of the fall semester.

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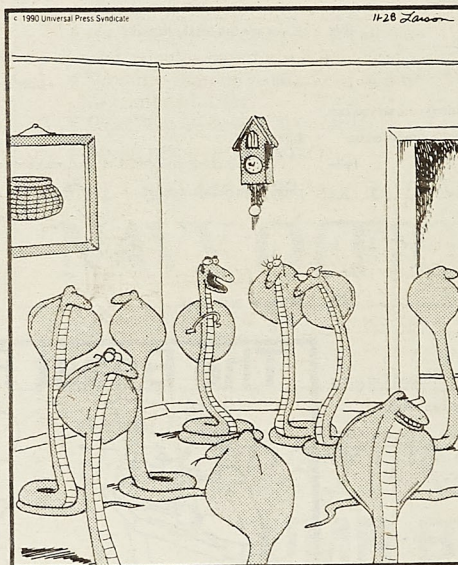
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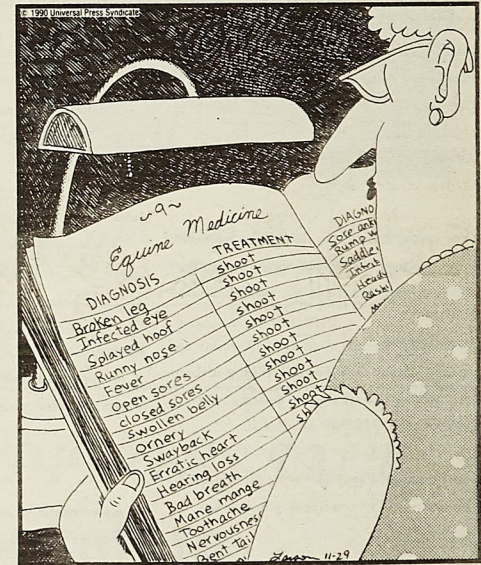
## THE FAR SIDE



Buffalo, N.Y., Nov. 2-5: The annual convention of the Big Galoot Society of America.



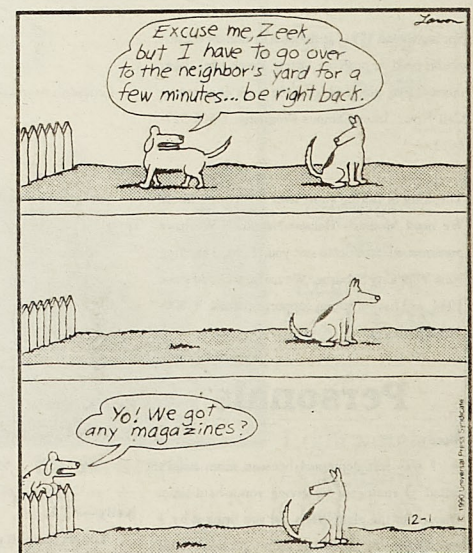
In the corner, Vance was putting the move on two females — unaware that his fake hood had begun to slip.



Like most veterinary students, Doreen breezes through Chapter 9.



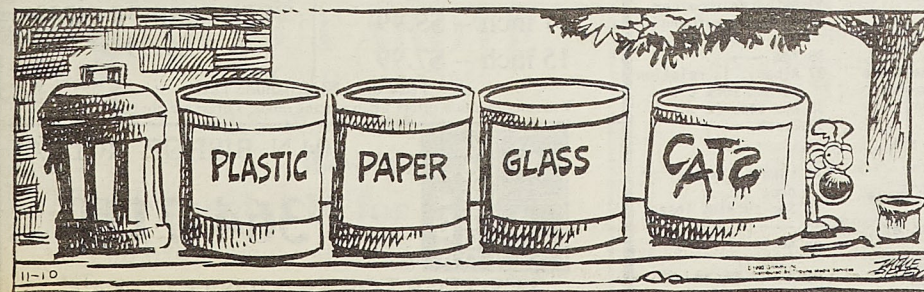
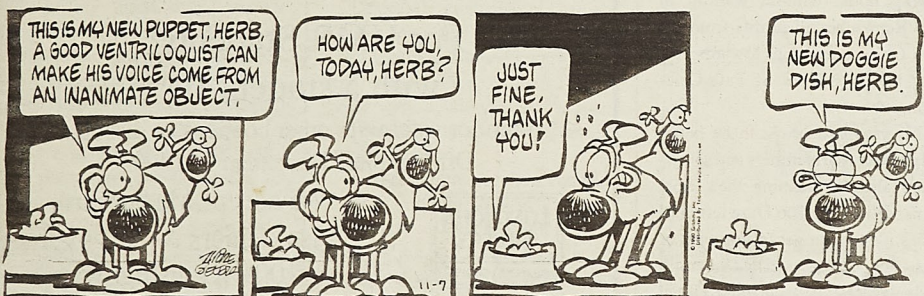
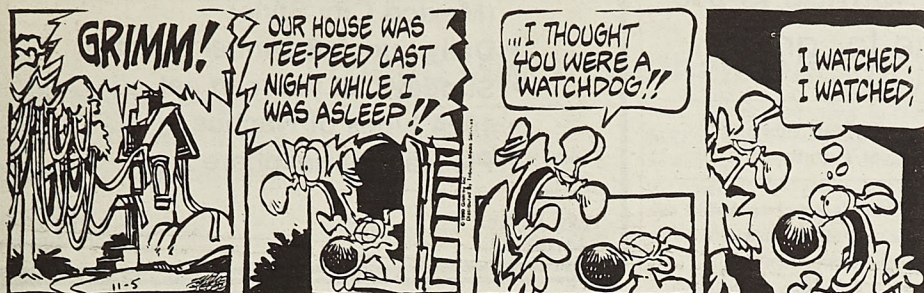
Misun standing his employees' screams of "Simmons has lost his marbles," Mr. Wagner bursts from his office for the last time.





# Mother Goose & GRIMM

by Mike Peters



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# The Board initiates future events

## Take the Board challenge

St. Pat's Board  
SOURCE

To the "Gentlemen" in Gray:

We the Lords in Green, who so unmercifully destroyed you in the sport of football, now offer you a feeble chance to redeem your sorry selves in the English version of this sport. That's soccer if you didn't know. Soccer is a game of skill and quickness and we, the St. Pat's Board, will without a doubt hand you another painful loss. If you birdbrained numbskulls would like to take us up on this offer, please meet us at Fraternity Row on this Friday, November 30th at 2:00 p.m. Once again, fans are invited to witness another display of absolute power as the Irish Uprising dominates the I.F. C.



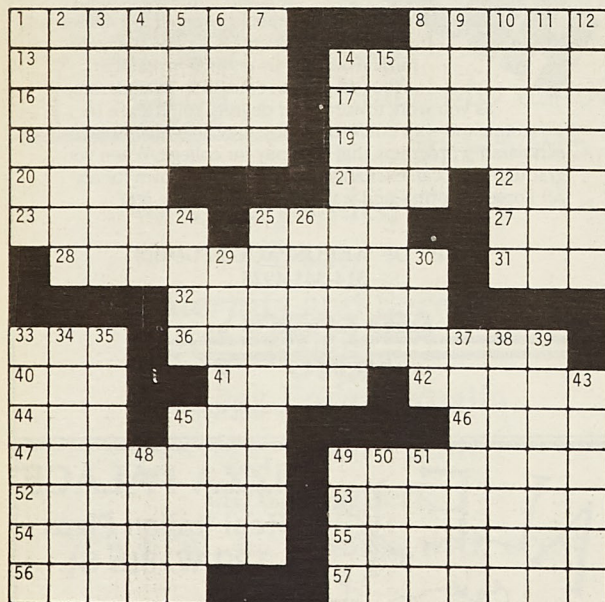
## Christmas is the time for green

By Matt Tobey  
St. Pat's Board

The St. Pat's Board would like to announce that all the new St. Pat's Green items will be here in time for Christmas. These items will include garters, buttons, and mugs, as well as some new surprises. Prices for these items will be included in a later edition of the Miner. The traditional sweat-shirts and sweatpants are also on sale at the hockey puck in front of the bookstore. All sizes are still in stock and prices are \$15 for adult sizes and \$12 for children sizes. They make great gifts and St. Pat's Green is a quick and inexpensive way to get your Christmas shopping done, without waiting in lines! Remember all profits from the sale of Green items goes towards putting on the "Best Ever" St. Pat's Celebration.

This year will prove to be better than last year, as fraternities and sororities are already planning their float designs. With only 106 Daze left until St. Pat's it's time to get in the spirit of things. So on Tuesday, December 4th everybody comes to wear their Green on campus! This day marks 100 Daze left and the St. Pat's Board would like to see some support, so tell all your friends to make sure to wear their old or new green next Tuesday! If you get your green, there is no doubt that this will DEFINITELY be "THE BEST EVER ST. PAT'S 1991!!!!!!"

## collegiate crossword



© Edward Julius Collegiate CW8719

### ACROSS

- 1 Slangy children  
8 Mixes  
13 Bakery item  
14 Incrustations on old copper coins  
16 Oxygen-supplying apparatus  
17 Descendant of Esau  
18 Most like Jack Sprat's food  
19 Label  
20 Have — with (have connections)  
21 Mischievous child  
22 Suffix for mason  
23 Plant again  
25 Certain doctors, for short  
27 Swiss river  
28 Followers of Lions and Tigers

### DOWN

- 31 Army officers (abbr.)  
32 San —, Texas  
33 College entrance exam  
36 Necessity for 7-Down  
40 —Jongg  
41 Impudence  
42 More suitable  
44 Simian  
45 Likely  
46 Shoe part  
47 Class of ball-player  
49 Novelist — France  
52 Atom —  
53 Applied an ointment  
54 Rapidly-maturing plants

- 55 Like some kitchens, in color  
56 Held back, as water  
57 Sounded a warning signal

- 5 Part of i=prt  
6 Ring decisions  
7 Spanish painter  
8 Jazz dance

- 9 Well-known magazine  
10 Monogram component  
11 Knocking sound

- 12 Singer Pete, and family  
14 Confessors  
15 Tracy/Hepburn movie (2 wds.)  
24 Outer garment, as a fur  
25 Ones who impair  
26 Stiff-collared jackets



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# Sports

## Lady Miners begin season by winning opening tournament

By Tom Brown  
ASST. SPORTS EDITOR

If the way Lady Miners played in their season opening tournaments is a sign of things to come, we are all in for a treat. They already have three wins under their belt and a tournament title. A team deep in talent that is set to make a run at the MIAA crown.

The Lady Miners traveled to Quincy, Illinois on the 16th of November to play in the Quincy Tournament. They quickly made their presence known as they blew out the College of the Ozarks and then took out the hometown team for the tournament championship. Both of their victories were by 20 points or more.

Three players from UMR squad found themselves named to the all-tournament team. They were 6'0 senior Sarah Conyers, 5'9 junior Trish Van Diggelen, and 6'1 freshman Joe Kvetensky.

The Lady Miners spent Thanksgiving on the road as they traveled to Indiana to play in the Purdue tournament. They suffered a disappointing loss in the first game to the East coast power, University of Pittsburgh-Johnstown by the score of 68-67. The Lady Miners led for most of the game, but fell victim to a shot in the closing seconds. The Lady Miners proved that they are for real as the near victory could have given them a national ranking, since Johnstown was ranked high in the national pre-season poll.

The women neared the century mark in their next game, showing their ability to light it up, as they defeated Hillsdale 96-61. Trish Van Diggelen was again honored by being named to another all-tourney team.

The Lady Miners played McKendree on Tuesday night and will play the Alumni team Saturday, December 1 at 7:00 p.m. Come on out and enjoy some good basketball.

## Young Miner Football team finishes season without a victory

By Tom Brown  
ASST. SPORTS EDITOR

The Miner's football season finally came to an end. It was a disappointing year for the team as they went 0-10, compiling the nation's longest current losing streak in Division-II. This year's team was young and had to overcome great adversity.

Many of the players were out of position, as the defense was forced to play defensive backs as linebackers. At the first of the season during the game at Northeast, Headcoach Charlie Finley was admitted to a hospital after suffering chest pains. This forced the Miner head man to watch from the stands for several games.

Despite the confusion of changing coaches for a few games, the Miner squad hung tough always a play away from victory. Five of their first six games were within the team's grasp, but normally the offense sputtered, unable to score.

As the team entered the second half of the season, morale was low as the toughest part of their schedule was still ahead. The attitude and confidence of the Miners faded as the near misses gave way to blowouts. Another obstacle the Miners had to face was the loss of their leading scorer and one of the nation's leading return men as Vincent Banks left school for personal reasons.

The bright spot for UMR is that the team is young and that the players at the skilled positions will be back for another season. This year provided valuable experience for the players and they should be able to use it to their advantage next season. Pride should drive next year's team to end the losing streak and begin a new era in Miner football. To return us to the days when the record was reversed, and they went undefeated to an MIAA championship.

Despite the disappointing season, five Miners were selected to post season honors. Todd Young, a 6'3, 255 pound junior, was named second team ALL-MIAA offensive guard and Rick Henry, a 5'11, 190 pound sophomore, was an Honorable Mention running

back. On defense junior co-captain Mike Swinford, a linebacker, received second team ALL-MIAA honors, as did 6'2, 245 pound senior Mike Chandler at defensive end. Mark Diamond, a 6'2 185 pound junior, was named to the third team ALL-MIAA as a free safety.

Swinford led the team in tackles with 11.3 a game and anchored a normally tough, but tired defensive squad. Diamond was second on the team in tackles with 87 and interceptions with 2. Chandler led the team with 12 tackles for losses and five quarterback sacks. Henry averaged 4.59 yards a

carry and led the team in rushing with 464 yards. Most of those yards came on dives up the right side of the line behind the blocking of Young.

Good luck to the Miners in the off-season and good luck in recruiting for the upcoming year.

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## Amnesty International holds meeting on Middle East crisis

### Amnesty International SOURCE

The impact of the current Middle East crisis on the region and the world will be discussed by international members of the UMR community next week.

Called a "Student Panel on the Middle East Crisis," the session is set for December 4, at 7:00 p.m. in the

Mark Twain Room in the University Center. The meeting is sponsored by the Faculty Peace Issues Group and the UMR Chapter of Amnesty International.

Dr. Mehmet Sariderelli, assistant professor of electrical engineering and a native of Turkey, has agreed to open the program with a brief overview of the history of the region.

Then three graduate students, all from the UMR's Engineering Manage-

ment program, will discuss the current crisis from their individual perspectives. The speakers are: Negaa M. Albegami, of Saudi Arabia; Mohamed Tarek Gaber, of Egypt, and Clarence Rasquinha, now of India but raised in Kuwait.

After their presentations, discussion and questions from the floor will be encouraged. The public is invited. For more information, call 341-2464.



## Air Force Society helps local students

### Air Force ROTC SOURCE

The 1990 pledge class of Arnold Air Society, a service organization affiliated with the Air Force ROTC program at UMR, presented a program to Rolla area fifth graders on the HOW's and WHY's of aluminum recycling. The program was presented on Thursday, 25 October. A video tape was the basis of the presentation followed by a discussion on how aluminum cans are made, an explanation of the recycling laws that will affect their families, and where aluminum recycling centers are located in Rolla.

The fifth grade classes were very responsive to the program and asked several good questions during the presentation.

## Air Force ROTC holds Veteran's Day ceremonies

### By Kevin Grant AIR FORCE ROTC

Air Force ROTC has just concluded POW/MIA week and Veteran's Day ceremonies. POW/MIA Week activities, sponsored by the Arnold Air Society, included a 24 hour run, a candle vigil, and information table, and a low level flyover by the Air National Guard F-4 Phantom II fighters in the missing man formation. Veteran's Day ceremonies started with a joint Army-Air Force retreat on Friday afternoon at the Harris Hall flagpole, which included a 21 gun salute. Also for Veteran's Day was a Blue Sabres color guard in St. James at the First Church of God. It entailed a 21 gun salute as well.



# Classifieds

from page 7

RP,  
Sorry I haven't seen you much this semester. We will have to paint the town the first weekend in January, (yes, the 11th is on a Friday.) Just wanted to let you know that I miss all those late night, philosophical discussions—and the M&M's in your jar!

Luv ya' much,  
Ex-roomie

Crusher,  
Formal was a blast! I had a great time. I guess you can still be in the club!

Annette

Hoyt,  
Thanks for partying with us! Don't be a stranger.

Lico,  
ybs

Jeanne,  
So how does upside down beer compare to upside down margaritas? It probably doesn't.

Lico,  
Vicki

Steph,  
I would never haze you!

LYBS,  
TBall

Stephanie,  
Watch out for those attack ink stamps!

Innocent Bystander

Hoyt,  
Congratulations on Miner of the Month! You really deserve it.

Lico,  
Your sisters

Shcila,  
Congratulations. We are proud of you for being Freshmen of the Year.

Your Sisters

Cheryl,  
Come visit me sometime.

ybs

Zan,  
Tell me something funny. We need to laugh.

Lico,  
your roomie

Brad & Steve,  
We have to make sure to party together at least one more time this semester.

LYBS,  
TBall

Phi-Kaps  
House C greatly appreciates your generosity in giving to the Penny Mile, especially to Bruce and Mark. Thanks a lot guys.

Love,  
your little sis in the Quad

Quenched,  
You are way whipped! (You have to be if you did his LAUNDRY!!)

Thirsty

Hurst,  
Make sure Renee gives you a rain check.

Amy and TBall

Quenched,  
You did NINE loads of HIS laundry????!!

Thirsty

Neener,  
Fish Killer

Tom & Chris,  
Way to go Coaches! Thanks.

Zetas (#1)

Matt,  
The darkroom??? Congratulations,

Lisa

Susan,  
What can I say. You make my life complete. I can always count on you for anything, and I appreciate that. You are so sweet and I am lucky to have you. Love Always!!

Brett,  
Saturday was awesome—you're the greatest big brother there is!

Psycho (#2)

SS  
Mary R,  
What was that about vibrations being the greatest between the sheets?

K & L

A.B. (Sigma Pi),  
Who was that girl you were so deeply in conversation with at Kappa Sig? Naughty, Naughty. Don't worry we won't tell.

?

Congratulations Christina

Congratulations Ayako

Connie C.,  
You are just way too cool and so cute when you giggle. Let's get together. Are you single this weekend?

An Admirer

Thirsty,  
Don't you miss doing the BD?

Quenched

Renee,  
Now we know why you never go out. You are afraid you will get drunk and party naked.

Love,  
your roomies

Chris M.  
Do you always snore like that?

CerLab-ites

Sig Ep,  
Congratulations on Greek Sing! You're back at the top, where you belong. (Even though, you have always been #1 with me).

Psycho (#2)

Brett,  
Yls loves you!

Hey Sig Ep pledges,  
Come over and party anytime—but next time, bring your own hairspray.

XOXO,  
Psycho (#2) and Squadhound

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Karl,  
I LOVE YOU!!

J "SM" L

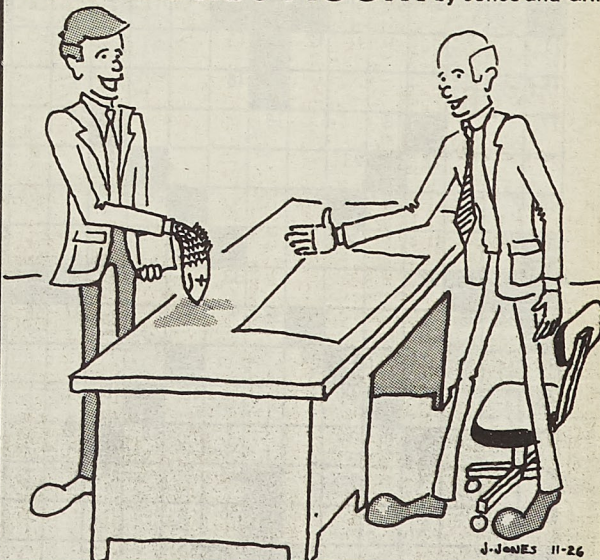
Sandra,  
Can't figure it out. Well open your eyes. What's to think about? Let's socialize. wait there's more.....

To achieve criticality, proper insertion of control rods into the reactor core is required; however, secure cladding is highly recommended to prevent the release of fusion daughters (or sons) within 9 months of the reaction. Release of these fusion products is undesirable due to their relatively long half-lives (approximately 18 years) and their expensive containment (i.e. college).

Anne,  
Thanks for the awesome turkey dinner! We'll have to do it again sometime! One more thing: the countdown has begun—4 (yes only 4), organic classes left. Will we survive?

A fellow Organic Freak

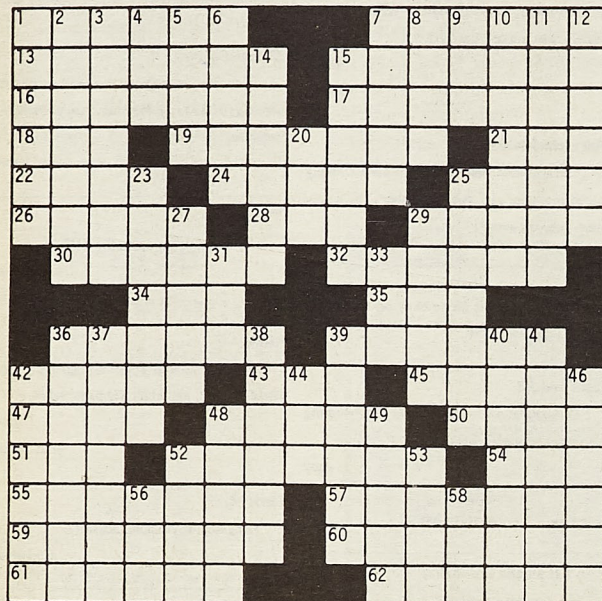
## The Beast Room by Jones and Griff



BOB'S RESUME WAS VERY IMPRESSIVE AND HIS GRADES WERE OUTSTANDING! HE JUST COULDN'T UNDERSTAND WHY HE DIDN'T GET THE JOB.

# Fun & Games

## collegiate crossword



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### ACROSS

- 1 Having magnitude
- 7 Occur
- 13 Underwater ICBM
- 15 — roll
- 16 Hug
- 17 Pierces with a sharpened stake
- 18 Ostrichlike bird
- 19 Roman general
- 21 Dorothy's aunt, et al.
- 22 Cupola
- 24 Wanders about
- 25 French cheese
- 26 Mortimer —
- 28 Desire
- 29 Jim Nabors role
- 30 — pace
- 32 Museum sculptures
- 34 Bio—
- 35 Owns
- 36 Bill Haley and the —
- 39 More inquisitive
- 42 Happen again
- 43 Most common written word

- 45 French relatives
- 47 Subject of the movie, "Them"
- 48 Feeling honored
- 50 Arrivederci —
- 51 "Give — try"
- 52 Sparkle
- 54 "My boy"
- 55 State tree of Georgia (2 wds.)
- 57 Cleverly avoiding
- 59 Arab jurisdiction
- 60 Experiences again
- 61 Famine
- 62 — rat

### DOWN

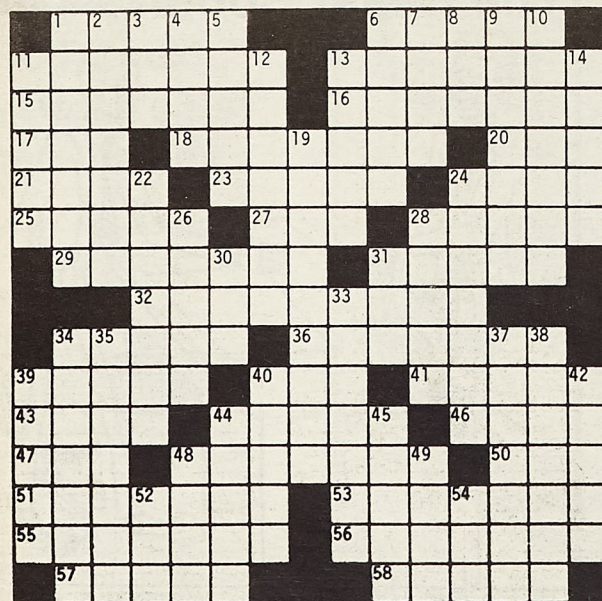
- 1 Rushes
- 2 College dining room
- 3 Egg part
- 4 Hagman, for short
- 5 Soviet sea
- 6 Kitchen gadget
- 7 Organic part of soil
- 8 Location of the Matterhorn
- 9 "Harper Valley —"

- 10 Capital of Sicily
- 11 Adversaries
- 12 Sadat succeeded him
- 14 Indian soldiers
- 15 Sitting, as a statue
- 20 Suffix for detect
- 23 Dutch scholar
- 25 More domineering
- 27 Kitchen gadget
- 29 Understand
- 31 Illuminated
- 33 Shout of surprise
- 36 French money
- 37 Antony's wife
- 38 Bowling term
- 39 Spay
- 40 Wearing away
- 41 Spot —
- 42 Talked wildly
- 44 On a lucky streak
- 46 Most rational
- 48 Writer Sylvia —
- 49 Removed by an editor
- 52 Capricorn
- 53 Mark with lines
- 56 Blunder
- 58 Relative, for short

THE NERD  
IS THE WORD!



## collegiate crossword



© Edward Julius Collegiate CW8717

### ACROSS

- 1 Like zoo animals
- 6 Hits
- 11 Dreaded disease
- 13 Language-related subject
- 15 "The — Nights"
- 16 Travel need (2 wds)
- 17 Arrest
- 18 Clear and shrill
- 20 Pitcher's statistic
- 21 — the Tentmaker
- 23 Musical-note parts
- 24 In a — (angry)
- 25 Uncle —
- 27 Egg cells
- 28 Apportions
- 29 College in Philadelphia
- 31 Caruso, for one
- 32 Arboreal animals (2 wds.)
- 34 Famous Child
- 36 Madmen
- 39 Chromosomal material
- 40 Mal de —

- 41 A musketeer
- 43 Wage — of words
- 44 Thick
- 46 Wriggling
- 47 Feline sound
- 48 Canoeist, e.g.
- 50 Fleetwood —
- 51 Great joy
- 53 Greed
- 55 Waitresses, e.g.
- 56 Agents of retribution
- 57 Raises
- 58 Cults

### DOWN

- 1 Type of candy
- 2 Famous vocal group
- 3 Talk at length
- 4 Dickerson of NFL
- 5 Uses a phone
- 6 Drives away
- 7 — shark
- 8 Third most common written word
- 9 Aromatic spice
- 10 More frightening

- 11 Landed estate
- 12 — France
- 13 — facie
- 14 Former footwear
- 19 Retaining wall
- 22 Cattle thief
- 24 Having feeling
- 26 Hindu attire
- 28 Mass —
- 30 Meadow
- 31 Trigonometry abbreviation
- 33 Rower
- 34 Worker at Tiffany's
- 35 Not knowing
- 37 Lab worker
- 38 Comforts
- 39 Toy store merchandise
- 40 Ways' partner
- 42 Grooms, in India
- 44 House need
- 45 Roof edge
- 48 Coffin stand
- 49 Appoint
- 52 Tennessee power project
- 54 — room

see Solutions, page 15

AMERICAN  
CANCER  
SOCIETY



If what happened on your inside  
happened on your outside, would you still smoke?

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## DECEMBER 1990 GRADS

Please remember to turn in all job offers and  
acceptances to the Placement Office.

(Forms are located on the 2nd floor of the Buehler Bldg.)

All information is kept confidential  
and is vital to our statistics

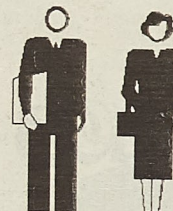
## MAY AND JULY 1991 GRADS

(Also students interested in summer employment)

•Remember you need to re-register for Spring 1991•

Please pick up the necessary forms  
before you leave for the holidays

Interviewing will begin Feb. 6, 1991



## ATTENTION CO-OP STUDENTS

Co-op students working Spring 1991  
semester, must register with  
the Co-op Office and pay a  
Co-op fee of \$60.00.

Co-op work registration will begin  
Mon. Nov. 26 and will end on  
Fri., Dec. 14.

This registration will be held in the  
Co-op Office, 101 Buehler Bldg.

Thank you from the Co-op Office.  
Have a great Xmas and a rewarding  
Co-op work session.

## Solutions

from page 14

SCALAR	HAPPEN	CAGED	SLAPS
POLARIS	SULTANA	MALARIA	PHONICS
EMBRACE	EMPALES	ARABIAN	ROADMAP
EMU	LEPIDUS	NAB	CLARION
DOME	ROVES	OMAR	STEMS
SNERD	YEN	REMUS	SNIT
GOMER	OVAS	RENAS	OVAS
SNAIL'S	TORSOS	LASALLE	TENOR
SCI	HAS	TREETOADS	
COMETS	NOSIER	JULIA	MANIACS
RECUR	THE	GENES	MER
PERES	ANTHOS	AWAR	DENSE
ROMA	EELY	MEW	BOATMAN
MAC	ELATION	AVARICE	
LIVEOAK	ELUSIVE	SERVERS	NEMESSES
EMIRATE	RELIVES	REARS	SECTS
DEARTH	DESERT		

**Watch for  
IMO's Grand Opening November 16,17,18  
Evening Specials Sun-Thurs.\***

**Specials - without tax**

- Sun. - 16" pizza for the price of a 14" pizza
- Mon. - Pasta Night  
(any pasta with salad & garlic bread) \$3.99
- Tues. - Family Night  
(16" one topping with 2 salads & 2 sodas) \$10.99
- Wed. - Free toast ravioli  
(with 16" pizza purchased at regular price)
- Thurs. - Two topping pizza for the price of a one topping

\*Specials not valid with other offers

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If you're an engineering student consider this. P.E. registration allows more career flexibility and choice. Professional Engineers aren't locked out of a career path; jobs are theirs for the choosing in government, industry, construction and private practice. Many employers require registration for advancement to senior engineering positions.

It will never be easier to take the exam than now, while courses are still fresh in your mind. The test will be administered on April 13 at sites selected by the Board for Architects, Professional Engineers and Land Surveyors. The cut-off date for exam applications is February 27. For more information, call the state board at (314) 751-0047.

Clip and return the coupon below for a free brochure on how to become a P.E.:

Please send me the free brochure, "Why Become a P.E.?"  
The NCEES Guide to Registration."

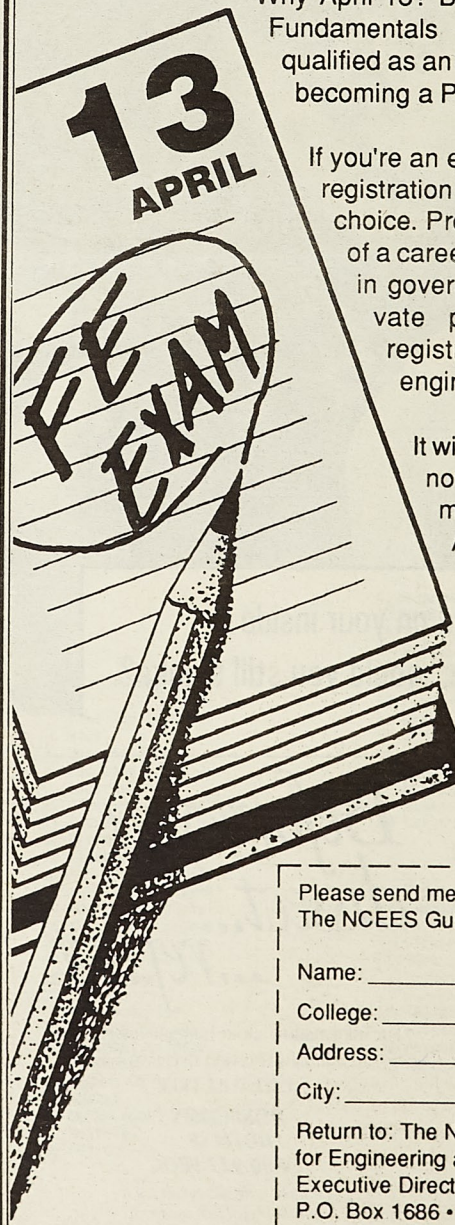
Name: \_\_\_\_\_

College: \_\_\_\_\_

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City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Return to: The National Council of Examiners  
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