



30 Nov 1978

## The Missouri Miner, November 30, 1978

Follow this and additional works at: [https://scholarsmine.mst.edu/missouri\\_miner](https://scholarsmine.mst.edu/missouri_miner)

These newspapers reflect the attitudes, perspectives, and beliefs of different times. Neither the library nor the university endorses the views expressed in these collections, some of which contain images and language which may be offensive to some readers.

---

### Recommended Citation

"The Missouri Miner, November 30, 1978" (1978). *The Missouri Miner Newspaper*. 2199.  
[https://scholarsmine.mst.edu/missouri\\_miner/2199](https://scholarsmine.mst.edu/missouri_miner/2199)

This Newspaper is brought to you for free and open access by Scholars' Mine. It has been accepted for inclusion in The Missouri Miner Newspaper by an authorized administrator of Scholars' Mine. This work is protected by U. S. Copyright Law. Unauthorized use including reproduction for redistribution requires the permission of the copyright holder. For more information, please contact [scholarsmine@mst.edu](mailto:scholarsmine@mst.edu).



# The Missouri Miner

Official Publication of the Students of

University of Missouri-Rolla



Thursday, November 30, 1978

Volume 65, Number 14

16 Pages

## Miners Name Six To MIAA 1st Team

### MIAA RELEASE

Senior tailback Mike Harris of Northeast Missouri State, the leading NCAA Division II rusher, headlines the Missouri Intercollegiate Athletic Association coaches' all-conference backfield that accounted for more than 5,400 offensive yards in 1978.

Harris gained 1,598 yards this fall to erase school and MIAA records. He also carried the ball 329 times for new NEMSU and league marks.

The running back is the second consecutive Bulldog performer to be selected as the MIAA Most Valuable Player. Tailback Steve Powell was the 1977 MVP.

Other members of the backfield are Missouri-Rolla

senior running back Terry Ryan, who rushed for 1,117 yards, Southwest Missouri State junior fullback John Gianini, who rolled up 1,002 yards, and senior quarterback Kirk Mathews, who passed and ran for 1,730 yards.

Repeaters from last year's top unit include Ryan, senior offensive guard Darrell Buffington of NEMSU, senior linebacker Pete Grathwohl of NEMSU, named to the 1977 team as a defensive end, senior defensive end Greg Elzie of UMR and senior defensive tackle Mark Sobol of NEMSU.

Conference champion SWMSU led the league with 17 all-star recipients, followed by runnerup NEMSU with 15.

See page 13 for the complete team listings.



The APO Dance-a-thon, held November 17 and 18, collected a total of \$5,775 in pledges. So far, the amount turned in is \$3,173.64. Cindy Wesling (above, clapping her hands) and her partner, Tom Smith, won the trophy for having collected the most money in pledges.

(Photo by M. Murphy)

## STUCO Help Sessions

The Free University Committee of the Student Council is offering help for students this semester before that gruesome week of finals begin. They have organized a program known as a "Semester Summary" for many of the basic courses, which should prove beneficial for many students in pulling up those grades on final exams.

The program, to be held the last week of classes, will consist of a professor, who is teaching the particular subject, giving a summary and review of many of the important points and topics covered in the subject during the semester. The session will then be opened for questions and discussion by the students. The schedule for the week is as follows:

**MONDAY, DECEMBER 4**  
6:00 p.m. Statics  
Me 104

6:30 p.m. Math 2 & 4  
G5 Humanities  
7:30 p.m. Math 8  
Me 104

**TUESDAY, DECEMBER 5**  
6:30 p.m. Math 6  
G5 Humanities

**WEDNESDAY, DECEMBER 6**  
6:30 p.m. Mech Mat  
G5 Humanities  
7:30 p.m. Chem 5  
Chem CHE G6

**THURSDAY, DECEMBER 7**  
6:30 Dynamics  
G5 Humanities  
7:30 Chem. 1  
CHE G6

The sessions should last for about two hours and would be an excellent opportunity to have that last review session and get those questions answered before finals roll around. So drop on by one of these sessions and see what you missed during the semester.

### SCHOOL OF MINES AND METALLURGY

Bachelor of Science in Ceramic Engineering: Mary Anne Epperson.

Bachelor of Science in Geological Engineering: Allan Lewis Davis, Kevin Matthew Lahay, David Lee Lorge, Pedro Vicente Mendez, Ernest Chijioke Onyia, Rosa America De Ortiz, David F. Smith and Richard Paul Smith.

Bachelor of Science in Metallurgical Engineering: Joseph Ali, Arturo Jose Claro Solorzano, Joseph Epperson, Joseph Michael Fuqua, Alan Steffen Holtz, Jr., Dante Enrique Marsano Navarro, Lisandro Anibal Ponce Guirados, Mileide Gonzalez Carreno de Ponce, Thomas Robert Serandos, Prasad V. Tatineny and Richard James Toth.

Bachelor of Science in Mining Engineering: Adebawale Olayinka Akinsanya, Edward John Banovic, Keith L. Bockelman, John Wesley Branum, Jr., James Robert Coldwell, Rudolph Heinrich Fischer, Norman Carl Haas, Julius Airiohuodon Ihonre, Steven Douglas Lautenschlaeger, Stanley Darl Lewis, Steven Robert Lewis, Randall John Lubbert, Steven Lynn Mescher, Gary W. Perrey, Paul Wayne Reed, Robert D. Rice, L. Scott Sieber, John Nicholas Stoiwyk and Leonard Allen Wolff.

Bachelor of Science in Nuclear Engineering: William Russell Brian, Richard David Dale, Roger Duncan LeMaster, John Robert Thro and Dale Leslie Wykoff.

Bachelor of Science in Petroleum Engineering: Hector Antonio Almeida, Jerry L. Arthur, Robert Gregg Bonagurio, Lawrence Grant Brown, Michael Joseph Callahan, Steven Randall Chapman, Mark Stephen Craig, Ron D. Craig, Hipolito Delgado, Stephen Laine Dublin, William Thomas Dreiman, Aniefiok Sunday Eka, Gary Richard Fannin, James David Hunicke, Robert John Johnson, John Barnes Lyle, Mary Lynn Mercer, Luis

Alberto Naranjo, Freddy Orlando Parra Pina, Jose Rafael Rodriguez, and Danny Charles Vance.

### SCHOOL OF ENGINEERING

Bachelor of Science in Chemical Engineering: Jack Fredrick Backs, Albert Matta Bahhuth, William Tucker Campbell, Larry Douglas Chambers, Gary Lynn Donnor, Victor Hugo Escobar, Osmal Eroy Estrada, James Jordan Fielding, Peter Aaron Goldberg, Joseph Michael Grana, Jr., Stephen John Henry, Martin Dean Hoffman, Rick John Lauer, Richard Paul Laurentius, David Mitchell Levings, Paul Glenn Luebbbers, John Richard Mahanna, Lawrence Edward Maxwell, John Michael May, Timothy Frederick McClain, Vicki Lea Moore, Robert Joseph Mueller, Steven Paul Rinne, Gregory John Rustige, Robert

Morrison Smith, Jr., Eugene Louis Vrenick, Edward Paul Webster, Kevin Joseph Witte and Robert Philip Zipp.

Bachelor of Science in Civil Engineering: James Frederick Anderson, David Michael Birenbaum, James Curtis Blankenship, Marilyn R. Brotherton, Ethan Andrew Chamberlain, Dennis Lee Cheonoweth, Gary Eugene Dial, Thomas William Doering, James Henry Ehrhardt, Thomas Richard Gredell, Nancy Elaine Harrington, Nicholas Alan Heatherly, Howard Neil Hemmann, Eric L. Hirsch, Glenn David Hogenmiller, Habib Abdulrida Ismail, James Monroe Ivy II, Wilma Marie Kirn, Richard Aloy Koch, Mark William Lekar, David B. Lewis,

## Graduating Seniors

## What's Inside

AICHe, AIAA Receive Awards Pg. 3

Terry Tigre Pg. 7

Choir, Orchestra in Concert Pg. 8

Bill and Joe Pg. 9

MIAA All Conf. Football Teams Pg. 13

Joe Harris Pg. 14

## IFC Sing - Friday, 7p.m. Centennial Hall



# Schedule of Events

All notices to appear in the Schedule of Events section should be typed and deposited in the north door of the Miner Office, Building T-1 by 9:00 P.M. Monday

THE MISSOURI MINER

Thursday, November 30, 1978

Page 2

## Thursday

### THEATRE GUILD

The UMR Theatre Guild meets Thursday, November 30, 1978 at 6:30 p.m. in Building T-14. Officers will be elected and spring production chosen.

### GDI

GDI general membership meeting will be held Thursday, Nov. 30 at 7:00 p.m. in 114 C.E.

### PITAU SIGMA

The Pi Tau Sigma pledge test will be held Thursday, November 30 at 7:00 p.m. in Room 117 C.E. Active members are urged to attend.

The Pi Tau Sigma banquet will be Sunday, December 3 at 6:00 p.m. in the St. Pat's Ballroom.

Banquet activities will include: Dinner, skits, and Purple Shaft presentation.

### AUDUBON SOCIETY

The Ozark Rivers Audubon Society will meet Thursday, November 30 at 7:30 p.m. in Rooms 209-209A of the Mathematics-Computer Science building on the University of Missouri-Rolla Campus. Richard Sibley of the U.S. Forest Service will give a slide presentation of the Eleven Point River. The public is invited.

### PHYSICS COLLOQUIUM

Dr. D. F. Colegrove, Texas Instruments Inc., will present a physics colloquium Thursday, Dec. 7, 4 p.m., Physics 104. His topic is "Photolithography Applied to Superconducting High Precision Magnetic Field Gradiometers." Coffee will be available at 3:40 p.m.

## Friday

### GDI

A GDI dance featuring "Bandit" will be held on Friday, Dec. 1 at 9:00-1:00 in the Lions Club Den.

## Saturday

### SUB DANCE

The Student Union Board's Christmas Dance will feature Audiotrek, America's largest traveling sound and light disco. The dance will be held this Saturday, December 2nd from 8 p.m. to midnight in Centennial Hall. The dance, which will feature every imaginable sound and lighting effect, is free to all UMR students.

## Sunday

### MESSIAH

"Messiah" by George Frederick Handel will be performed Sunday, Dec. 3, at 2 p.m. and 7 p.m., by the University of Missouri-Rolla Choir and Orchestra in the First Baptist Church, 9th and Cedar Streets, Rolla.

Both Sunday performances of the "Messiah" will be recorded, and the best tape will be made into a two-record album. Members of the audience will be able to order a copy of the album (\$8.75) at either event.

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

## Monday

### MATHEMATICS COLLOQUIUMS

Dr. Abraham Ungar, applied mathematics department at Rhodes University, Grahamstown, South Africa, will present a mathematics colloquium Monday, Dec. 4, 3:45 p.m., Mathematics-Computer Science 209. His topic is "The Use of a New Operational Calculus Method."

"An Answer to the Question - What Is a Local Field?" is the subject of a second mathematics colloquium Wednesday, Dec. 6, same time and place. Speaker is Dr. Mitchell Taibleson, professor of mathematics at Washington University, St. Louis. Refreshments will be available prior to both colloquiums at 3:30 p.m.

### NUCLEAR ENGINEERING SEMINAR

"An Assessment of the Denatured Fuel Cycle as a Proliferation Resistant Nuclear Fuel" is the title of a nuclear engineering seminar Monday, Dec. 4, 2:30 p.m., Humanities-Social Sciences G-5. Conducting the seminar is Dr. David Bartine, '71, computer applications specialist for Oak Ridge National Laboratory, Oak Ridge, Tenn.

## Tuesday

### UMR CHESS CLUB

UMR Chess Club meets each Tuesday night at 7:30 in the Ozark Room of the University Center - West.

### JOINT CONCERT

UMR's Concert Band and the Rolla High School Symphonic Band will present a joint concert Tuesday, Dec. 5, 8 p.m. in the expanded St. Pat's Ballroom, University Center West. Each band will present a 25-minute program and combine for the final two selections of the evening.

UMR's Concert Band is directed by Dr. David Oakley, associate professor of music, and the Symphonic Band is directed by Robert Drummond, Rolla High School band director. The concert is open to the public. There is no admission charge.

### E.M.A.

Engineering Management Association is sponsoring a Life Insurance Seminar Tuesday, December 5 at 7:00 p.m. in Room No. 107, Mining Bldg. Dr. William Brooks (Professor of Engr. Mgt.) will give a short talk on how to simplify the selection of an insurance policy. This will be a very informative talk for those who are confused by the complexities of buying the best policy for your needs.

### SME

WHEN: Tuesday, Nov. 28 7:30 p.m.

WHERE: 107 Mining Bldg.

SPEAKER: Dr. Guillies on Australian Mining Techniques, John Stowlyck and "Slides of Questionable Taste". Also... Yearbook picture will be taken!

## Wednesday

### AGS

On December 6, 1978 (Wednesday) the Association of Graduate Students will mix business with pleasure by holding its monthly meeting and close out the year with a Christmas Party.

Everything will begin at 7:30 p.m. in the St. Pat's Ballroom. (Old Student Union). There will be plenty of discussion and ample quantities of refreshments. All graduate students and families are invited.

### AUXILIARY ENTERPRISES CHRISTMAS TREAT

Free Christmas cookies and punch will be served Wednesday, Dec. 6, in the TV Room-Gallery area of University Center East from 9:30 to 11:30 a.m. and from 1:30 to 3:30 p.m. This is an annual holiday treat from Auxiliary Enterprises for the campus community.

### ENVIRONMENTAL AND SANITARY ENGINEERING SEMINAR

Graduate students in civil engineering will present an environmental and sanitary engineering seminar Wednesday, Dec. 6, 3:30 p.m. in Room 117, Civil Engineering Building. The first presentation, by Syed K. Itheshamuddin, is entitled "A Feasibility Study on the Removal of Amonia Nitrogen From Aqueous Solution by Partial Chlorination Followed by Activated Carbon Treatment." Second section of the seminar will be presented by Valentino T. Bates. His topic is "Relative Performance of Rotating Biological Contactors Using Pure Oxygen and Air."

### CHEMISTRY SEMINAR

"Novel Aspects of Transition Metal Catalysis in Carbene Chemistry" is the topic of a chemistry seminar Wednesday, Dec. 6, 4:30 p.m., Chemistry-Chemical Engineering 125. The speaker is Professor A.J. Hubert, University of Liege, Belgium. Coffee will be available at 4 p.m. Please note change of date.

### CHEMICAL ENGINEERING SEMINAR

Dr. Ronald Howell, professor of mechanical and aerospace engineering, will conduct a chemical engineering seminar Wednesday, Dec. 6, 4 p.m., Chemistry-Chemical Engineering 140. His topic is "Sizing Two-Phase Flow Lines."

## Shy?

PITTSBURGH, Pa. — Lots of college students feel compelled to look like they're comfortable in social situations, while to themselves they're wondering, "Boy, how do I start a conversation here?"

But a recent study at the University of Pittsburgh suggests such people are far from being alone. Paul Pilkonis, an apparently assertive researcher at Pitt's Medical Center, found that nearly half of the college students he interviewed as part of a study considered themselves and, according to subsequent psychological testing, actually were, shy.

Pilkonis, though, found that even certifiably shy people were only shy in certain circumstances. Observing generally-outgoing people talking to members of the opposite sex, the researcher discovered they were quicker than shy people in initiating conversations, and that they typically did most of the talking once the conversation got going.

Yet shy people didn't differ from the outgoing when the average length of each utterance was measured.

Both shy and not-shy groups performed as well when asked to deliver a speech using prepared material. Shy people were, it's true, more anxious while giving their speeches, but their overall performance scores were the same as the outgoing people.

### SIGMA XI LUNCHEON

"Research at the Joint Institute for Laboratory Astrophysics, Boulder, Colorado" or "Take Your Sabbatical in the Mountains" is the title of the next Sigma Xi luncheon program Wednesday, Dec. 6, in the Mark Twain Room, University Center. The speaker is Dr. Laird Scheerer, professor of physics.

Interested persons are invited to pick up a tray from the cafeteria or Missouri Room and bring to the Mark Twain Room at noon. The program will begin at 12:30 p.m.

## Noday

### SIGMA GAMMA EPSILON HONOR SOCIETY

The National Honor Society, Sigma Gamma Epsilon is now accepting applications for membership. This society includes over 70 chapters nationwide.

Applications will be accepted from those persons studying Earth Science — Engineering related subjects (Mining, Metallurgy, Petroleum and Geology), who have completed at least 12 credit hours (3.0 GPA) of earth science-engineering courses and have an overall GPA of 2.67 or better.

Applications will be available in Departmental offices in the Mining Bldg., Metallurgy (207) and Norwood Hall (208).

### 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 17, 1978.

### ARGONNE OPPORTUNITIES

Dr. R.H. McFarland, dean of the Graduate School, recently attended a meeting of the Argonne Universities Association as a delegate for the University. As UM delegate, he was briefed on current programs, including program opportunities available to both faculty and students, and on new research facilities that may be cooperatively used.

Opportunities for faculty include summer appointment primarily, with a few appointments available for the 1979-80 academic year. Research areas are extensive including ecology, energy, nuclear and biology with some opportunities available in economic and sociological aspects. Thesis research and summer graduate institutes appointments are available for graduate students and some undergraduate research participation for the honors-caliber junior or senior is available. For further information and application forms, contact Dr. McFarland, 205 Parker Hall, 4142.

The UMR ROTC would like to announce the co-winners of the first bi-annual Douglas C. Nedimeier Creative Leadership Award to Michael S. Mertz, CO of Pershing Rifles and Robert B. (Sig Ep) Knowles, CO of Raider Company. Our best wishes for their future, however short it turns out to be.

Michael Eckardt

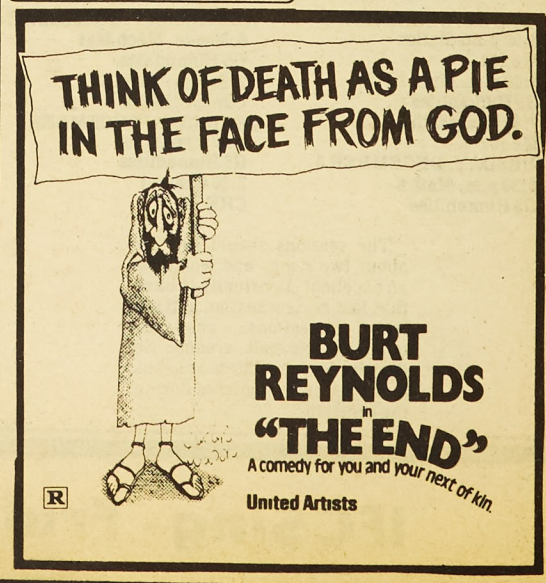
**UPTOWN**  
TELEPHONE 364-1857

Shows 7 & 9:10 p.m.  
Admission \$2.50; \$1 under 12



**RITZ**  
TELEPHONE 364-1299

Shows at 7 & 9:05 p.m.  
Admission \$2.50; \$1 under 12







Paula Loring (second from right), national president of the Society of Women Engineers, explains what engineering is all about at a recent University of Missouri-Rolla conference on women in engineering. From left are Keri Muller and Cyndee Ortstadt, high school students from Adrian; Charlotte Pavelka of Troy, UMR junior in chemical engineering; Mrs. Loring, an engineer with MITRE Corp., Boston, and Carolina Briceno, University of Central America, Nicaragua. Miss Pavelka is president of the UMR chapter of the women's engineering group. More than 150 high school and college students attended the annual conference. Panel speakers were women who hold engineering positions.

(UMR Photo)

## AICHE Honored

Submitted by MIKE AVERY

At the recent annual convention of the American Institute of Chemical Engineers, the UMR student chapter was awarded an Outstanding Chapter Award. In the nine years the award has been given, UMR has won it on eight occasions. Only the New Jersey Institute of Technology has surpassed UMR's

Achievement by being honored all nine years.

Also honored was Dr. Harvey Grice, who received an Outstanding Advisor Award for the eighth time in nine years. This was Dr. Grice's final year as advisor and it was truly fitting that he once again be honored for his efforts.

The only other school to merit both awards was the University of Utah.

## Job Status Research

CPS RELEASE

Women may be working more, and may even be earning more, but, when compared to their male counterparts, are less likely to be in positions of power.

That's the finding of an 18-year Wisconsin study of more than 7500 local residents who graduated from high school in 1957, and answered a follow-up study in 1975. The research, conducted by Wisconsin sociologists Dr. Wendy C. Wolf and Dr. Neil D. Fligstein for the Institute for Research on Poverty, compared the status of working men and women with

similar educational and occupational attributes.

They asked each one of them if he or she had the power to hire and fire, to influence or set the pay of co-workers, and to supervise their co-workers' labors.

The sociologists found that more men than women said yes to all three questions. Now Wolfe wonders if the answers were due "to women's traditional work histories, to employers' attitudes, or to other factors." She and Fligstein accordingly have launched another study to find out.

## The 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. This MISSOURI MINER features activities of the students and faculty of UMR.

Ed Latimer (364-9885)	Editor
John Martine (364-9769)	Business Manager
Dennis Emily (364-9792)	Advertising Manager
Bob Burchett (364-5593)	News Editor
Karen Downer (364-3455)	Features Editor
Harry Burford (341-2352)	Photo Editor
Bill Frank (364-8115)	Sports Editor
Dr. Curtis Adams (341-4809)	Faculty Advisor

Staff Personnel: M. Murphy, M. Kolbet, M. Haslett, S. Rackers, L. Ponzer, C. Ranson, J. Crow, P. Pollock, M. Richardson, M. Tegethoff, R. Willis, R. Schmitt, T. Ziegler, G. Maurer, D. Weaver, W. Silver, G. Avula, J. Rich, Pascuale, R. Miller  
Miner office phone 341-4235.

Subscriptions are available to the general readership at a rate of \$3.00 per semester.  
Articles and photos for publication in the MINER must be in by 9 p.m. on Monday before printing on Thursday.

THE MISSOURI MINER  
T-1  
University of Missouri-Rolla  
Rolla, MO 65401

## Jazz Ensemble To Play At IFC Sing

SOURCE: OPI

University of Missouri-Rolla's Jazz II Ensemble will combine with the annual Inter-Fraternity Council (IFC) Sing to provide an evening of entertainment and fun Friday, Dec. 1, 6:30 p.m., Centennial Hall, in the University Center East.

Jazz II will open the program at 6:30 p.m. and provide the second segment of its presentation during intermission. The group is directed by Tom Ruess, lecturer in music at UMR.

Included in the selection the band will offer are: "The Land of Was," by Rule Beasley; "Basie Straight Ahead," by Sammy Nestico; "The Walls of Jericho," by Tommy Newsom; "Pink Panther," by Henry Mancini; "Shaft," by Keith Mansfield; "Send In the Clowns," by Dave Bardhun; "Acropolis 7844," by Rusty

Dedrick, and "Steppin' In It," by Herbie Hancock.

The IFC Sing features competition by members of 22 fraternities and sororities in two fields — chorus and novelty acts. Each group presents a choral selection (no instruments) and/or a novelty act. Two trophies are awarded in each area. Theme for this year is "The Gong Show."

Judges for the IFC Sing program are Mrs. Malcolm Cole, Dave Jones and Gary Broyles. Chairman of the event is IFC vice president Kevin Clarkin, senior in mechanical engineering from Florissant and a member of Triangle fraternity.

The event is open to the public, and there is no admission charge. It is advisable to come early to be sure of a seat. The production provides a showcase for a lot of hidden talent, and everyone is sure to have a good time!

## News

### Social Sciences Council Aids Planning, Offers Job Services

There is an organization on the UMR campus known as S-SSAC (Student Social Sciences Advisory Council), whose primary purpose is to inform both the faculty and administration of the concerns and interests of students regarding the social sciences (anthropology, economics, history, political science, psychology and sociology). Technically, S-SSAC is an advisory body established by the Chairman of the Department of Social Sciences. Although S-SSAC has existed on the UMR campus for only a few years, it has already made its presence known. In April 1976, S-SSAC sponsored a Missouri Social Sciences Undergraduate Symposium, a forum for undergraduates from all over Missouri to report on their research and exchange ideas in areas of interest concerning the social sciences.

One of the current projects of S-SSAC is informing students of the valuable role which the social sciences play in their curriculum. But the most important function of S-SSAC is to give students a voice in shaping the development of the Social Sciences at UMR. In order to get student opinions on various aspects of the social sciences, S-SSAC will soon place a suggestion box near the information counter of the University Center. We hope all students will take advantage of this opportunity to offer their opinions about curriculum, faculty and future development of these important areas.

This year, S-SSAC is also working towards developing a career planning and job placement program designed for students of the social sciences. One step toward

establishing such a program is the collection and organization of data regarding job openings in various disciplines of the social sciences. S-SSAC is presently engaging in such an endeavor and would greatly appreciate an indication from interested students of their desire to utilize such data. Please drop your responses in the S-SSAC suggestion box (in the University Center), or reply to any of the following numbers of S-SSAC: Melinda Scott

(sociology); John Smith (history); Carolyn Cain (history); Peggy Veit (psychology); Faye Chapman (psychology), or Jim Higgerbottom (economics) -c-0 Department of Social Sciences, Humanities-Social Sciences Bldg., Rm. 136.

S-SSAC is always interested in your opinions and comments concerning the social sciences and reminds you to please participate.

## AIAA Receives National Award

Submitted by Richard McFall

The UMR student branch of the American Institute of Aeronautics and Astronautics (AIAA) has recently received the award of "Outstanding Student Branch" for the 1977-78 academic year. The UMR branch was one of fifteen student branches from across the nation to be honored by the national AIAA organization, and is the recipient of the award for the second consecutive year.

Past Chairmen John Morre and Walt Lounsbury with the assistance of faculty advisors Dr. Fred Nelson and Dr. Leslie Koval led the organization through the successful year. The student branch was involved with many activities over the past year, some of which included: Field trips to McDonnell Douglas in St. Louis, presentation of the Space Exploration Badge to boy scouts at Merit Badge

University Day, participation in the annual AIAA paper conference, and the creation of the student branch "AIAA Newsletter". This previous year also saw the emergence of the AIAA T-shirt, now displayed upon the bodies of aerospace engineering students. Hot air balloon rides and plane washes provided the branch with more than enough money to finance trips and projects. The UMR branch was also actively involved with the St. Louis professional section of the AIAA, and student members were present for many of their technical and dinner meetings held in St. Louis.

These activities combined with the enthusiasm which members had for them encouraged rapid growth in the student branch — doubling in size in less than two years — and promises to be a major factor in stimulating another good year for the branch.



## Final Exam Schedule

The final exam period will begin Monday, December 11, 1978, at 7:30 a.m. and end at 5:30 p.m. Saturday, December 16, 1978. 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 or 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 (Room to be scheduled by Registrar)

COURSE  
Chem Engr 10  
Chem Engr 131

C Sc 73  
C Sc 74  
C Sc 163  
C Sc 218  
C Sc 260

EE 61 A, B  
EE 61 C, D  
EE 61 E, F  
EE 63 A, B  
EE 207

EE 211 D, E  
EE 231 B, C  
EE 251  
EE 253

EE 265 A, B  
EE 267 A, B  
EE 271  
EE 273

EE 281 B, C, G  
EM 50, 150, 170  
EM 110

Geol Engr 50  
Hist 60 D, F  
Hist 111, 112

Math 2, 4, 21, 22  
Math 6  
Math 8

ME 204  
ME 225  
ME 279

Phys 21, 23, 24, 25  
Phys 107

III. Regular Finals  
First Weekly Class

Meeting Time

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

Thursday 1:00-2:00  
Tuesday 10:00-12:00  
Tuesday 3:30-5:30  
Wednesday 7:30-9:30

Tuesday 3:30-5:30  
Monday 10:00-12:00  
Tuesday 10:00-12:00  
Thursday 7:30-9:30

Thursday 7:30-9:30  
Thursday 7:30-9:30  
Thursday 7:30-9:30  
Tuesday 10:00-12:00

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

Wednesday 7:30-9:30  
Tuesday 10:00-12:00  
Wednesday 7:30-9:30  
Wednesday 7:30-9:30

Friday 3:30-5:30  
Wednesday 7:30-9:30  
Monday 10:00-12:00  
Thursday 1:00-3:00

Tuesday 10:00-12:00  
Tuesday 10:00-12:00  
Monday 10:00-12:00  
Wednesday 1:00-3:00

Wednesday 1:00-3:00  
Thursday 1:00-3:00

Final Exam Time

Tuesday 7:30-9:30  
Wednesday 3:30-5:30  
Thursday 3:30-5:30  
Tuesday 1:00-3:00

Monday 1:00-3:00  
Friday 7:30-9:30  
Friday 3:30-5:30  
Monday 7:30-9:30

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

Friday 1:00-3:00

## NSF Funds Regional Engineering Study

SOURCE: OPI

The National Science Foundation (NSF) is supporting a study, in the amount of \$44,585, entitled "Continuing Education Needs for Engineers-Scientists in the Three State Ozark Region." The study will be made by three land grant institutions in the area — the University of Arkansas, Fayetteville; University of Missouri-Rolla, and Oklahoma State University, Stillwater.

Dr. John Amos, director of the Center for Applied Engineering Management at UMR will serve as principal investigator for the project. Co-directors are: Frank E. Burk, assistant professor of industrial engineering, University of Arkansas; Dr. Dan Babcock, professor of engineering management, UMR; Dr. James E. Shamblin, director of the Center for Local Government Technology and Charles Maule, also of the center, at Oklahoma State University. Each of the co-directors will call upon other faculty in his institution and a team of graduate students to assist in implementation of the program.

"During the past century, an increasingly industrialized economy in the country has drawn population from the rural areas to manufacturing areas centered around large

cities," Dr. Amos says. "This has been particularly true in the Ozark Region, an area not well suited to modern agricultural advancements."

"In the past decade or two, however, the trend has started to reverse. With modern transportation and communications, industry is finding it advantageous to move out of the large industrial areas into regions offering less expensive job markets and the aesthetic advantages found in smaller urban communities."

"Industry depends on key technical personnel," he continues, "such as plant and production engineers, quality control engineers, and-or research and development scientists. Some operations, such as mining and utilities, require a considerable number of technical personnel. Because

technical knowledge changes so rapidly, these people who have moved to the more rural regions have a real problem in updating their training or knowledge, maintaining their professional competency and learning new skills."

The three land grant universities in the Ozark Region have the capacity to help these industries with the problem. The NSF study is designed to identify specific areas of need, and investigate the most practical methods available to provide means of fulfilling the needs for this particular segment of personnel.

Once the study is completed, each institution — separately or together — will make plans to implement the results.

### Dotties Sandwich Shop

Hillcrest Shopping Center Under New Management  
We are now serving chili, soups, sandwiches, and pies. Come in and try our special lunches.

**\$1.75** Fast, Quick Service

8:00 till 6:00 Daily; Till 5:00 Sat.

Dear Organization:

Once again the Student Union Board is sponsoring the Christmas Decorating Contest. This year the decorations will be judged on three categories:

Animation  
General appearance  
Originality in design

The judging will be held Friday, December 1, 1978 at 5:00 p.m. The winner will be announced at IFC Sing and the trophy will be presented then.

If you are interested in participating in this contest please contact Joe Peter at 364-1927. Your cooperation and participation will help make Christmas Party Weekend just that much better and will be greatly appreciated!

Sincerely,  
Joe Peter  
Special Events Committee  
Student Union Board

## COMPUTER OPERATORS

First National Bank in St. Louis is hiring Computer Operators to staff our data processing center in Columbia. We offer an opportunity to grow with a major D.P. shop in the midwestern national industry. Some operating experience is helpful (preference given to Burroughs experience), but we are willing to train. We need operators for all three shifts. Excellent salary and benefits. Send resume to:

Al Kerth

**First National Bank in St. Louis**

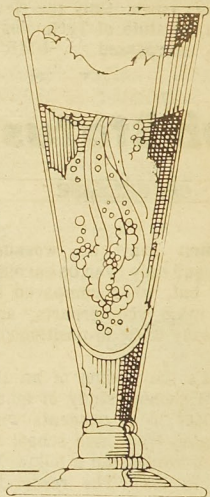
510 Locust St. Louis, MO 63101

We will contact you for an interview in Columbia.

An Equal Opportunity Employer M F

**Coors**  
AMERICA'S FINE LIGHT BEER

Why is Coors  
beer so famous?



Coors beer has been renowned for its quality since Adolph Coors Company was founded in 1873 by a young German immigrant. Adolph Herman Joseph Coors determined that his beer would be the very best more than a century ago. Today, grandsons, Bill and Joe are still intent on producing the finest beer possible.

How much beer does  
Coors produce each  
year?

Currently, Adolph Coors Company is the nation's fifth largest brewer, producing 13.5 million barrels—423 million gallons—of beer in 1976. Coors has only one brewery, located in Golden, Colo., which is the largest single brewery in the United States, employing more than 3,600 people.

How is Coors  
beer brewed?

Coors is one of the most expensively brewed beers in the world taking about 55 days in the aging and finishing processes alone. Coors is brewed with a special strain of Moravian III barley malted to perfection, Pure Rocky Mountain Spring Water gathered from more than 40 springs at the Golden brewery, and the finest rice to make the beer light and refreshing.

We buy aluminum  
beverage cans on  
Mon., Tues., Wed.  
8-5. Third Sat. of  
each month 10 to 2

**RANSALL DIST.**

P.O. Box 487  
18th St. and Frisco Tracks  
Rolla, Mo. 65401



# Students as Consumers: Satisfied?

## CPS RELEASE

Steven Simpson, a University of Washington grad student, routinely registered for a five-credit philosophy course this fall. But on the first day of the semester, his professor announced that one class a week would be devoted to "reading." Simpson felt cheated. He had paid for five "contact hours" with the teacher, and wanted what he'd paid for. The university, however, ruled that no regulations had been violated, and dismissed Simpson's complaint.

Simpson's not the only student around who has complained about "academic malpractice," or who has begun to see himself as a consumer. Lawsuits and complaints about students not getting what they paid for have increased. As more cases reach the courts, Washington is starting to pay more attention to the problem of a student being dissatisfied with his or her classes and universities. The most recent evidence of governmental interest in student consumerism is the establishment here of a new

agency designed to make colleges a little more truthful in their "advertising" in catalogues and syllabi.

The agency is called CHOICE — the Center for Helping Organizations Improve Choice in Education — and is the most expensive of the 12 government-funded groups trying to establish precedents for students' consumer rights.

CHOICE, with a three-year, \$400,000 grant from the U.S. Dept. of Health, Education and Welfare's Fund for the Improvement of Postsecondary Education, is the most expensive government sponsored student consumer group to date. Nevertheless, its Ann Arbor office is spare and undecorated, reflecting the project's recent relocation from Syracuse. But project administrator John Griffith's materials are undoubtedly persuasive, informative, rational and well-written.

The materials, though, do pose some nagging questions about the student consumer movement as it now stands. College enrollments, for example, promise to continue to decline. Under such circumstances, it might be very

hard to convince schools to market the truth instead of a more tempting idealized image. Stark simply says colleges can be persuaded, and leaves the issue at that.

The most noticeable deficiency in CHOICE's modest office is the absence of students. For the moment this seems to be a consumer movement without consumers.

The student consumer movement, in short, seems to be in a peculiar stage of development, largely directed by representatives of the institutions that students frequently need protection from. Despite the very best of intentions and an impressive level of idealism at CHOICE, there is very little of the militancy that student anger would seem to dictate.

As a result, Steven Simpson is not the only student consumer to lose his case, either. In the spring, for example, Lisa Hartman, a communications major at Metropolitan State College in Denver, registered for what proved to be a very disappointing journalism class. The professor missed six classes, and, at the end of the quarter, Hartman complained.

The dean of students explained that the professor had had some very difficult personal problems, and that he was normally near the top when student evaluations were analyzed.

"I really felt bad for him," Hartman explained, "but I had taken the class with the

understanding that I was going to be taught something. I think it's the college's responsibility to deliver what it promises."

Hartman didn't get her money back. She did get the legal standing to sue, but, on the other hand, she didn't have the money to sue. She has since "let the matter drop."

## Kodak Grants

Eastman Kodak Company announced grants of \$3.9 million to 311 colleges and universities in the United States through the company's 1978 Educational Aid Program.

These grants are in addition to more than \$2 million in annual support of continuing education opportunities for Kodak people under a program which includes tuition aid, academic assignments, master's and doctoral awards.

In a joint announcement Walter A. Fallon, chairman and chief executive officer, and Colby H. Chandler, president, said: "More than 850 institutions have shared in some \$65 million in Kodak aid to education, its goal remains the same. That is, to help our institutions of higher learning fulfill their obligations to students and to the nation, with society as the principal beneficiary. Kodak grants for 1978 continue the company's commitment to quality

education and to academic excellence."

This year's program includes the following grants:

Kodak employee-alumni grants — \$950,000 to 109 four-year privately supported colleges and universities, including 66 privately and publicly supported schools offering an AAS degree.

Research grants — \$246,000 to 29 graduate departments at 25 institutions of higher learning.

Special grants — \$2,322 million in nonrecurring grants to 31 institutions, including liberal arts colleges.

Grants to education associations — \$170,000 to 21 education organizations and associations throughout the U.S.

Scholarship grants — \$268,000 to support the Kodak National Merit Scholarship Awards program and the Kodak Scholars Program.

(Continued from p. 1)

Alan Richard Louiselle, Rosemary Marie Love, Chack-Kau Lun, Patrick Michael McCole, John Philip Melcher, Gregory Phillip Pace, Lawrence James Padfield, Russell Mark Pearson, Gregory Scott Perkins, Morris Poulard, James Theodore Rau, Stacy James Sauer, Terry Ray Scheinhing, Daniel Charles Schenk, Patricia Ann School, Robert Joseph Tenholder, Stephanie Ann Touzinsky, Mohsen Vahedi, John Porter Warmack, David Garth Winter, Michael Hansen Zimmerman.

Bachelor of Science in Electrical Engineering: Craig Leonard Agne, Richard Erwin Baumann, Robert Alfred Bellora, Walter S. Billingham, Paul Francis Braddock, Robert Joseph Braun, Donald Ray Brown, Warren James Burgett, Paul Douglas Buschmeyer, Daniel Craig Conde, Gary Alan Corbin, Bahram Daneshvar, John Theodore Diecker, Randy E. Donaldson, Stephen Moser Ernst, Jairo Escobar, Robert Emmett Farrell, Jr., Steven Ronald Gerdes Kenneth Dean Gilbert, Jeff Hannah, Donald James Heiskell, Thomas Edward Jett, Hyong Shin Kim, Garrett S. Kramer, James Harvey Kramer, Dennis Lee McCormack, John William McVay, Mark Steven Miller, Danny Gene Morton, Joseph Lynn Murphy, Marion Allen Myers, Paul John Nauert, Jr., Hassan Nooraldin Moosa, Julio Cesar Nunez Borja, Stephen Arthur Olson, Leonardo Ortiz Chourio, Carlos Luis Pena, Stefan Gerald Petras, Gary Fred Re, Michael Joseph Russo, Robert Louis Ruzensky, Jr., Donald Benjamin Schaefer, Jr., Steven Gerard Serniak, John Thompson Sharp, Christopher B. Smith, David John Stelzer, Gary James Taggart, Hung Manh Tran, John Ray Vidacac, Michael Glen Whitmore, Lawrence James Wuerz, Inwoo Yoon, David Milton York, Roger Carl Zimmermann, Jr.

Bachelor of Science in Engineering Management: James E. Beseda, Thomas Lee Danner, Jr., Veronica Sue Durling, Michael J. Gregory, Luis Enrique Guzman O., James Owen Hawley, Melvin Ray Heisserer, Mark Francis Huck, Russell Allen Kurtz, Dumrongchai Maneevase, Reyhanolla Masnavi, David L. Onstott, Donald Ernest Renner, Jr., Bruce Quinn Roney, Charles Edward Staley, Brenda Iceline Tenes, Dennis Paul Warden, William Michael Warwick, Virgil Vincent Work, Jr.

Bachelor of Science in Engineering Mechanics: Richard Elliot Fields.

Bachelor of Science in Mechanical Engineering: Michael Melvin Amelunke, Daniel Joseph Anglie, Gregory Robert Arneson, Gregory Joseph Baker, Ronald Eugene Baker, Craig Allen Barnes, Joseph James Becker, Kenneth Paul Brugioni, Michael W. Bryan, John Thomas Buncher, Albert Lee Charles, Michael David Clark, Michael Lee Goldiron, David Frederick Collier, Timothy Bryan Cox, Jon Lee Danuser, Gary William Davidson, Andrew Scott Drake, Dean William Fath, Mark Albert Fournier, Patrick Linn Harris, Jesus Maria Hernandez Sanchez, William Edward Hoehn, Michael John Honigfort, Victor Larmar Kerns, Gary Roger Lake, Lawrence C. Lee, Richard Robert Lind, Michael F. Ludwig, Abraham Mata

Latuff, Robert Stephen Meiners, Michael Kevin Monrotus, James George Mueller, James Carl Niemeyer, James Robert Pozzo, Mark Andrew Reidmeyer, Dennis Wayne Schulte, Michael James Smith, David Earl Statler, Lloyd Eugene Thompson, Michael P. Verbruyck, Louis Taylor Ward III, Kevin Dean White, Michael David Winnett and Glen Alan Ziolo.

## COLLEGE OF ARTS AND SCIENCES

Bachelor of Arts: David Bruce Copeland, Sherri Dianne Hopkins, Eleonore Maria Ingram, Lanna Marlene Kimberlin, Maria Antoinette Lux, Gloria Isabel Carasquiallo de Mendez, Dorethea Ann Rapier and Joyce Ann Thomas.

Bachelor of Science in Chemistry: Dennis Leroy Faler, Michael Anthony Haynes, Robert L. Heritage, Jr., Randall William Jones, James Lee Puckett, Kay Ellen Sooter and Randall Joseph White.

Bachelor of Science in Computer Science: Donald Stephen Bahm II, Angela Marie Carroll, Susan M. Culwell, Stanton Kent Farley, John R. Ganofsky, Jr., Daniel W. Goodall, Frances Kei Hauschildt, Mary Jo Hudnut, Robert Conway Nardin, Jr., Rita Ann Norfleet, Danny Allen Reed, Johnnie Curtis Roberts, Michael Allen Rodgers, Steven Murphy Smith, James Charles Upchurch, Theodore Becker Waldbart and James Kenneth Weinhold.

Bachelor of Science in Economics: John Fielding Akery, Beth Ann Viessman Bextermueller, Mark David Malone, Kent Bryan Marlow, Shirley Ann Reed, Roger Howard Ricketts, Larry John Stratman, Brian David Walker and Randall Kent White.

Bachelor of Science in Geology and Geophysics: Gregory A. Crews, Russell Warren Dahmer, James Louis Donahoe III, Rolin L. Geroncin, Keith Clarke Jantz, Juan Daniel Gomez Sarabia, Sandra Jo Hagni, Maritza Jimenez Meneses, Julie Ann Miller, Pedro J. Mirabal Duarte, Luis Gilberto Palmes Yezpe, James Michael Party, Hugo A. Rodriguez J., Jeffrey Craig Swoveland.

Bachelor of Science in Life Sciences: Susan Rebecca Gauthier, Timothy V. Sommer, Patricia Ann Smith and Steven Michael Watson.

Bachelor of Science in Applied Mathematics: John Franklin Alvarez III, Johnnie Curtis Roberts and Robert J. Belt.

Bachelor of Science in Physics: John Franklin Alvarez III, Clifford Roger Klein, David Stanley Darr and Wayne Lee McVay.

Bachelor of Science in Psychology: Judith Kathryn Kisslinger and Ernest Nikolaisen, Jr.

## GRADUATE SCHOOL

Master of Science in Ceramic Engineering: David James Suiter.  
Master of Science in Geological Engineering: Stephen Hoover Shoemaker.  
Master of Science in Metallurgical

Engineering: Cheng-Ping Chang and John Eugene Lambie.

Master of Science in Nuclear Engineering: Anek Punyakumleard.

Master of Science in Chemical Engineering: Ross Robert Klie, James Richard Smith and Edmund Arthur Kobylinski.

Master of Science in Civil Engineering: Valentino Travis Bates, Williams Chester McAllister III, John David Chittenden, Bradley R. Parrish, David Michael David, Bijan Poulard, Joseph Philip Hartman, Glendon Taylor Stevens III, Verle John Heindelman, Jr., Thomas M. Velloff, Sr., Syed Khaja Itheshamuddin, Shih-Chun Wu, William Lynn Maxfield, Wan-Chuan Robert Yin and Walter Howard Zachritz II.

Master of Science in Electrical Engineering: Robert Beauchamp, Richard R. Fitzmaurice, Thang Vinh Le, Robert Warren Mason, David C. Nagy, Van Thanh Pham and Haur Daniel Shaw.

Master of Science in Engineering Management: Hassan Seyed Abtahi, Capt. David Earl Amthauer, John M. Andrie, Syed Waqar Haider, Jeffrey A. Hissong, Erdogan Kuyucuoglu, Donald Edward Murphy, Robert LeRoy Ottos, Savarose Semachabovorn, Homer Lawrence Taber and Richard Alvin Weigel.

Master of Science in Engineering Mechanics: Larry Ralph Buschling and David A. Dillard.

Master of Science in Mechanical Engineering: Paul John Christman, Arthur Lewis Giesler, Michael Frederick Lackner, Michael William Lambert, Thomas William Rogers, Richard George Schrenker and Yung-Tand Yen.

Master of Science in Chemistry: Dan Thomas Hoffmann, Patrick Thomas Hoopes, David Charles Lewis, Kayrod Madani and David R. Quigley.

Master of Science in Computer Science: Earl J. Boels, William Katamura, Frederick Lawrence Kunz, Wei-Nung Liu, Donald LeRoy Meek and Lawrence W. Westermeyer.

Master of Science in Geology and Geophysics: Melvin Joy Aycock, Jr., Michael Harry Deming, William Paul O'Brien, Chen-Bin Su, Solomon Hartley Toweh, Stephen Anthony Whitney and Carol Ann Wimmer.

Master of Science in Physics: Steven Richard Goldammer.

## DOCTOR OF PHILOSOPHY

Dennis Ray Anderson — Chemistry;  
Robert VanGorder Ballard — Chemistry;  
Carey Bernard Bottom — Chemistry;  
Charles Fisher Cooper — Chemistry;  
Nittaya Hokierti — Electrical

Engineering:  
Gary Clifford Magruder — Chemistry;  
Charles Mancel McDowell — Electrical

Engineering:  
Anthony Dominick Messina — Chemical

Engineering:  
Nguyen Phung — Civil Engineering;  
Roger Haden Smith — Civil

Engineering:  
Robert Charles Speck — Geological  
Engineering:  
Leonard L. Woolsey — Geological  
Engineering and  
James J. Wyckoff — Mathematics.

## QUALITY CLEANERS

EXPERT CLEANING REASONABLY PRICED

108 W. 7th St.

Rolla, Mo. 65401

## ENGINEERING OPPORTUNITIES

DICKEY-john Corporation is a state-of-the-art supplier of electronic instrumentation and control systems to the Agriculture Industry. We currently have these challenging opportunities in our Auburn, Illinois facility:

### PRODUCT DESIGN ENGINEER

You will be involved in the design of digital and analog circuitry and have supporting product design duties, directly applicable to the development of agricultural electronic instrumentation and control systems utilizing microprocessor and other state-of-the-art technology. BSEE required, 2-3 years experience desirable but not essential.

### MICROWAVE DESIGN ENGINEER

You will be involved in the design of state-of-the-art agricultural products combining microwave, analog and digital circuitry. BSEE required. 2-3 years related experience desired but not essential.

### CONTROL SYSTEMS ENGINEER

You will be working in the area of monitoring and control equipment for grain elevators and process plants. You must have BSEE, and some knowledge of microprocessor work and an understanding of control systems.

DICKEY-john can offer you an attractive starting salary and generous benefits, including Health and Accident Insurance, Life Insurance, Disability Insurance, Savings and Investment, Profit Sharing, Paid Vacation, Paid Holidays. Outstanding Potential for Advancement and a Meaningful Future with the Company that's First in Agrionics!

FOR PROMPT CONSIDERATION, MAIL YOUR RESUME AND SALARY HISTORY TO:

DICKEY-john Corporation,  
Box 10,  
Auburn, IL 62615

first in agrionics



**DICKEY-john**  
CORPORATION

We Are An Equal Opportunity Employer M/F



# 'THE MOVE IS ON TO NATIONAL'

Where More than the Price is Right...and the price is Right!

NATIONAL SELLS  
ONLY U.S.D.A.  
GOV'T GRADED  
CHOICE BEEF



## national NOTICE

If any of the advertised items are not available during the period covered by this National Super Market, Inc., Advertisement, you are entitled to a similar product of equal or better quality as a substitute for the advertised price (or lower price) or at your option you may have a "Rain Check" to purchase the advertised product at a later time at the advertised price. The WAS Prices in this Advertisement Refer to the Last Regular Prices Before the Prices Shown Became Effective. NOTE: Regular Prices Are Not "Specials" or "Super Specials".

**SUPER EVERYDAY PRICE!**

**Pork Chops**  
Lb. **\$1.59**  
COUNTRY STYLE RIBS Lb. \$1.59  
KARL MAYROSE OR HYGRADE  
BRAUNSCHWEIGER Lb. **89¢**  
KREY BRAND Lb. 89¢

**SUPER SPECIAL**

USDA GOV'T GRADED CHOICE FIRST CUT

**Round Steak**  
Lb. **\$1.68**  
CENTER CUT Lb. \$1.78

**SUPER SPECIAL**

FRESH, LEAN MEATY

**Spare Ribs**  
Lb. **\$1.19**  
4 TO 5 Lb. AVERAGE

**SUPER SPECIAL**

USDA GOV'T GRADED CHOICE

**Rump Roast**  
Lb. **\$1.49**  
WHOLE, BONE-IN, STANDING

**SUPER EVERYDAY PRICE!**

FRESH WHOLE PORK BUTTS SLICED INTO

**Pork Steaks**  
Lb. **\$1.29**

**SUPER SPECIAL**

R.B. RICE'S

**Sliced Bacon**  
1-Lb. Pkg. **\$1.49**  
VACUUM PACKED

**SUPER SPECIAL**

USDA GOV'T GRADED CHOICE CENTER CUT

**Sirloin Steaks**  
Lb. **\$2.19**  
BONELESS Lb. \$2.69

**SUPER EVERYDAY PRICE!**

USDA GOV'T INSPECTED FARM FRESH

**Whole Fryers**  
Lb. **55¢**  
CUT-UP TRAY PACKED Lb. 65¢

**SUPER EVERYDAY PRICE!**

USDA CHOICE UNITS OF 2 LBS. OR MORE

**Boneless Beef Steaks**  
Lb. **\$1.59**  
UNDER 2 LBS. Lb. \$1.89

**SUPER EVERYDAY PRICE!**

FARM FRESH WHOLE

**Fryer Legs & Thighs**  
Lb. **98¢**  
WHOLE FRYER BREAST Lb. \$1.19

**SUPER EVERYDAY PRICE!**

USDA CHOICE TENDER BEEF

**Cube Steaks**  
Lb. **\$1.98**

### Wines & Liquors

## Hamm's Beer

12 Pak 12-oz. Cans **\$2.69**

80 PROOF STRAIGHT  
**Jim Beam Bourbon** Quart **\$4.98**  
**RED LABEL Johnny Walker Scotch** 5th **\$7.28**  
**COLD DUCK OR Taylor Champagnes** 5th **\$3.99**  
**ALL VARIETIES Gallo Wines** Magnum **\$2.99**  
**80 PROOF Crown Russe Vodka** 5th **\$3.48**  
**IMPORTED Canadian Mist** Quart **\$5.38**

AVAILABLE IN OUR ROLLA STORE ONLY

### National's Dawn Dew Fresh Produce!

FRESH AS TOMORROW!

**Juicy Tangerines**  
Large Size 18 For **\$1.00**  
Jumbo Size 10 For **\$1.00**

**Iceberg Lettuce**  
Large Size 3 For **\$1.19**  
Jumbo Size 59¢ Each

**Crisp Celery**  
Large Size 49¢  
Jumbo Size 69¢

**Navel Oranges**  
Medium Size 15 For **\$1.09**  
Large Size 11 For **99¢**  
Jumbo Size 5 For **99¢**

**Brussels Sprouts** Lb. **49¢**

**Romaine Lettuce** Lb. **49¢**

**White Grapefruit**  
Medium Size 8 For **\$1.00**  
Large Size 4 For **\$1.00**

**Russet Potatoes** 20 Lb. Bag **\$1.79**

**Worth 10¢**  
When You Purchase A 1-Lb. Package of Any Variety  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**California Avocados** 3 For **\$1.00**

**Washington State Juncy Anjou Pears** 11 For **\$1.19**

**Florida Thin-Skinned Juice Oranges** 5-Lb. Bag **\$1.49**

**Durham's Fireplace Logs** Full Case **89¢**

**Super Pop Popcorn** 2 Lb. Bag **79¢**

**California Broccoli Spears** Lb. **59¢**

**Caiflower Cutlets** Lb. **59¢**

**Green Beans** Lb. **49¢**

**Florida Golden-Kernelled Sweet Corn** 5 For **69¢**

**Delicate Flavor Yellow or Zucchini Squash** Lb. **49¢**

**SUPER SPECIAL**

**Crisco Shortening**  
WAS \$2.09

**50¢ OFF**  
WHEN YOU PURCHASE A 3-LB. CAN

**SUPER SPECIAL**

**Gold Medal Flour**  
ALL PURPOSE ENRICHED FLOUR  
WAS \$1.05

**69¢**  
5 Lb. Bag

WITH COUPON BELOW

**Vendor Coupon**

**Maxwell House Coffee**  
1-Lb. Can **\$1.99**  
Redeemable at your National Super Market. Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**National Coupon**

**Worth 25¢**  
When You Purchase A 24-oz. Bottle of  
**Wesson Oil**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**National Coupon**

**Worth 10¢**  
When You Purchase A 15-oz. Package of  
**Golden Grahams**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**National Coupon**

**Worth 25¢**  
When You Purchase A 6-oz. Six Pack of  
**ValuPlus Orange Juice**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**Vendor Coupon**

**Worth 10¢**  
When You Purchase A 13.5-oz. Package of  
**Stir 'n Frost**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**Vendor Coupon**

**Worth 10¢**  
When You Purchase An 18-oz. Jar of  
**Skippy Peanut Butter**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**Vendor Coupon**

**Worth 20¢**  
When You Purchase Any Size Package of Variety  
**County Line Cheese**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**National Coupon**

**Worth 25¢**  
When You Purchase A 12-Pk. Package of  
**Pevely Brown Cows**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**National Coupon**

**Worth 10¢**  
When You Purchase A 1-Lb. Package of Any Variety  
**National's Luncheon Meats**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**National Coupon**

**Worth 50¢**  
When You Purchase A 3-Lb. Can of  
**Crisco Shortening**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**Vendor Coupon**

**Worth 10¢**  
When You Purchase A 15-oz. Package of  
**Post Toasties**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**National Coupon**

**Worth 25¢**  
When You Purchase Two 8-oz. Cans of  
**Chicken of the Sea Chunk Light Tuna**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**National Coupon**

**25¢ OFF LABEL**  
**Tide Detergent**  
84-oz. Box **\$1.99**  
WAS \$2.24

**National Coupon**

**Worth 25¢**  
When You Purchase A 4.8-oz. Jar of  
**Heinz Strained Baby Food**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**National Coupon**

**Worth 10¢**  
When You Purchase A 2-oz. Tube of  
**AIM Toothpaste**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**National Coupon**

**Worth 10¢**  
When You Purchase A 12-oz. Can of  
**Green Beans**  
Offer Expires Sun., Dec. 3, 1978. Limit One Coupon Per Family.

**Crowning Touch**

Porcelain Enamel Cookware

**Valuable Coupon Worth \$2.00**

Toward the Purchase of This Week's Featured Item

**3 1/2 Qt. Saucepan with Helper Handle and Cover**

Our Reg. Discount Price \$12.99  
Coupon Savings 2.00  
Your Price (with coupon) **\$10.99**

COUPON GOOD THRU SAT., DEC. 2, 1978

AVAILABLE IN BLUE GARLAND AND HARVEST BLOSSOM

**PER COOKWARE STAMP**  
WITH EACH \$3.00 PURCHASE

With each \$3.00 purchase, you are entitled to purchase one cookware stamp for 99¢. When you have filled your Stamp Book with 30 stamps, you will be presented with an attractively gift boxed 8 piece cookware set.



# Features

THE MISSOURI MINER

Thursday, November 30, 1978

Page 7

## Elvis Mania

### 'Tigre - Coming Through'

By Linda Marie

On Nov. 25, Rolla's Elvis fans were able to view reportedly the best of the Elvis impersonators — Terry Tigre. Tigre, who was born in Caruthersville, MO, has been in the show business field for 17 of his thirty years. He has been doing his own Elvis show for the entire span of those years. Tigre credits Elvis with being his favorite performer.

Tigre's success is probably in part due to Elvis's fame. Face it, if Elvis hadn't been a popular performer, why would fans of his flock to see the impersonators springing up everywhere.

"I would never want to be Elvis," says Tigre, "I just want to give folks who loved Elvis but never got a chance to see him an opportunity to come and enjoy themselves, because I loved Elvis just as much as they do."

A good sized crowd attended the first show which was followed by a sparse — even disappointingly small crowd for the second show. The two concerts were done as a benefit for radio station KUMR.

— a 100,000 watt noncommercial station licensed to the University of Missouri.

Tigre has done other benefit shows — for leukemia. He said, "A friend of mine and member of my group has it — this disease has become more real to me, seeing him go through the changes it brings on. One couldn't doubt the sincerity with which he spoke — when a hint of a tear shone in Tigre's eye at the mention of his friend's illness.

To say that Tigre is very much like Elvis would be an understatement. Avid Elvis fans flocked to see him wiggle-sweat and throw kisses and scarves. Fans of Tigre came from Springfield, KC and all over the surrounding area to see him perform here at Rolla. One fan had seen him perform twelve times before — but kept coming back for "one last kiss."

Despite problems with mikes going dead during a song and loud feedback Tigre gave his audience a fantastic performance. Perhaps the only really disturbing thing about the whole concert were the

groupies. The bleach bottle blonds who pushed and shoved their way to the front of the stage and wouldn't leave without a kiss from the performer and even then they didn't want to leave. (Some didn't).

Tigre didn't mind, though. Who wouldn't enjoy the "loving" attention of all those girls.

As this story hits the press, filming has begun on a biography of Elvis' life as written by Gary Edmundson and directed by Hal Willis. Tigre is taking the starring role — the ultimate for any Elvis impersonator. Tigre's reaction to receiving the role was that he was "thrilled to death."

He also said, it has been "my ambition for a long time to have the part of Elvis in a movie". The sincerity with which Tigre speaks, coupled with his southern country manners makes him a very personable man. A man that was just as enjoyable off stage as well as on. Let's hope that the inevitable success of the movie doesn't spoil Tigre the man — or the performer.



Terry Tigre

## Engineering Employment

SOURCE: OPI

Employment surveys show that engineering has the most job openings and the best salaries for four-year college graduates. Last spring, engineering accounted for 58 percent of all job offers to graduating seniors all over the country. The average starting salary for engineering graduates was almost \$1400 per month.

The National Engineering Aptitude Search (NEAS) Tests at the University of Missouri-Rolla Saturday, Feb. 24, 1979. From the results, you can determine your probable success in college level engineering courses.

The testing program, which is open to students in grades 9-12, is sponsored by the Junior Engineering Technical Society (JETS), a non-profit educational organization. A series of examinations measure ability in four areas — verbal, numerical, science and mechanical comprehension.

Students who take the tests will receive personal reports of their results accompanied by an explanation. Participants whose scores show special talent for engineering are eligible to receive special awards.

An additional optional test offered by JETS is the Self-Directed Search (SDS). This test helps students to evaluate their own interests and abilities in exploring what occupation follows.

Interested students should obtain applications from high school counselors and return them to Professor Jerry Bayless, JETS area coordinator, department of civil engineering, UMR, by Dec. 15.

Professor Bayless says that not only does engineering offer the most and highest paid jobs, it offers a creative lifetime career. "Engineers are problem solvers," he says, "And the nation badly needs engineers to solve many problems, such as the energy crisis, environmental protection, transportation, communications and many, many others. These challenging positions will be filled by students now in high school."

The JETS testing program is endorsed by all major engineering societies.

## Ediletters

### STATEMENT OF POLICY

The opinions expressed herein do not necessarily represent the opinion or policies of the MISSOURI MINER. The ediletters section is the sanctuary of the general public. All letters submitted will, as in the past, be printed in their unaltered and original form when space in this newspaper permits.

### Please Write

Dear Editor,

Could you please help me by, publishing my ad or letter, I am currently in a "Federal Correctional Institution and had the thought that if you were so kind as to publish my ad, "Possibly" someone would read it and write to me. I am a lonely guy who needs someone to correspond with.

"Pen Pal Wanted" Please Write To: Billy Wilson Age: 30 No. 00021-193 C-Unit P.O. Box-W. Lompoc, Ca. 43438

I would like to thank you for the time and consideration you

have shown in taking the time out of your busy day to read my letter.

Yours Sincerely,  
Billy Wilson

### Bookstore A Reality

Dear Editor,

So, the proposed Auxiliary Enterprises Bookstore is about to become a reality, eh? Don't let anyone fool you; it'll never be a "university" bookstore — it'll be all Aux. Ent.

I'm not really sure what to think about our new Chancellor. Exclusive of this bookstore mess, the things he has attempted to do seem to be just

what UMR needs. I'm not exactly thrilled by his assertion that students need not understand, just accept. But I'll give him another chance.

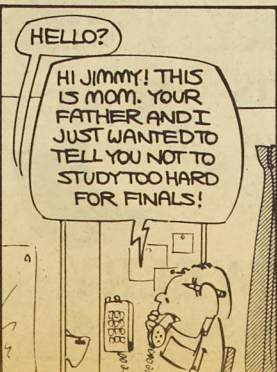
Maybe he was just trying to be funny (a very questionable form of humor). At any rate, I think he may have just been ill-advised on the bookstore. Jess Zink isn't known for his fabulous sense of judgement.

Since I first came here in 1974, I have never seen one of Zink's projects succeed. All of his projects seem to be designed to raise money by screwing the students, and most students refuse to be screwed. What I've always failed to understand is

(Continued on pg. 8)

## downtown

by Tim Downs





## University Performance

# Messiah

Well folks, the University's Choir and Orchestra has again proven their exceptional ability to entertain and caress the aural senses of classical music lovers. Monday, Nov. 27, the choir and orchestra performed at Fort Leonard Wood, in the base's chapel. The orchestra and choir performed fantastically, enhanced by Joel Kramme's excellent conducting and the choir's own soloists. The student soloists were: Janet Knobbe, junior in chemical engineering; Lois Cotton, junior in engineering management; Robert Cayse, a sophomore in mechanical engineering; Keith Steele, a freshman in civil engineering; and last, but not least, Bruce Bergman, a grad student in EE. Guest soloists included: Jamie Anderson, a talented and experienced singer who graduated from UMC; Elsie Pipenger, an extremely gifted singer from Appleton City; Mary Peeves, an enchanting performer from KC, who holds a B.S. in education from UMC; and Monique Rollins, a beautiful and talented Frenchwoman from Nice, who founded the "Lyrians." Vielen dank for the wonderful performance, ladies and gentlemen; Herr Handel would've been pleased.

If you missed this performance, music lovers, the choir and orchestra will be performing twice on 3 Dec, 1978, at 2 p.m. and 7 p.m. in the First Baptist Church, Rolla. This

time, the soloists will be professional and double albums of this performance will be available for ordering — just ask any orchestra or choir member. See you there!

Soloists with the 85-voice choir (approximately 60 UMR students and 25 adults from the community) will be Linda Plake Sparlin, Rolla, soprano; Joanne Cruickshank, St. Louis, alto; M. Ellis Julien, Jonesboro, Ark., tenor, and Carroll Proctor, Iowa City, Iowa, bass.

Soloists with the 40-piece orchestra (20 UMR students and 20 community musicians) are Sharon McCreery, Springfield, violin (concert mistress); Joseph Kaminsky, St. Louis, 2nd violin; Walter Riediger, St. Louis, viola, and Carlton McCreery, Springfield, cello.

Linda Sparlin's academic background includes study at the music schools of the University of Missouri-Kansas City, University of Kansas, Northwestern University, Roosevelt University, Case Western Reserve University in Cleveland and the Cleveland Music School Settlement. She has sung with the Chicago Symphony Orchestra, the Cleveland Orchestra Chamber Chorus and the Lake Erie Opera Theater in Cleveland. She has served also as soloist with various churches.

Her solo work in Rolla includes performances with the Community Chorus, UMR's Choir and the Missouri Women



in the Arts Festival. In addition, she has directed Rolla Chamber Singers and served as a director for Rolla Theater Arts Association. She currently carries a full teaching load of voice students.

Joanne Cruickshank received her bachelor and master of music degrees in voice performance from Northwestern University, Evanston, Ill. She spent a year in post-graduate study of lieder and opera at the Music Academy of the West, Santa Barbara, Calif., with Lotte Lehmann. She was a winner of the St. Louis Symphony Young Artist Competition and appeared as soloist with the American Kantorei, St. Louis Bach Society and St. Louis, Knoxville, Oklahoma City and Charlotte, N.C. orchestras.

Ms. Cruickshank has taught at the University of Tennessee, Washington University and St. Louis University and is

currently a member of the voice faculty of Webster College, St. Louis. She also teaches private voice students.

M. Ellis Julien received his B.A. degree from Hope College, Holland, Mich. and his master's degree in music from the University of Illinois, Urbana. During the summers he has studied at the Aspen Music Festival, Yale Summer School of Music and Art, privately with Leslie Chabay, Washington University, the Goldovsky Opera Workshop and Memphis State University.

Julien was instructor of music for a year at Northwestern College, Orange City, Iowa and has been on the music faculty at Arkansas State University since 1968. He has done considerable solo work with various choral groups and orchestras and has directed numerous church music programs and community vocal groups.

## RN Memoirs

### CPS RELEASE

When Richard Nixon's memoir, RN, was released in the United States last spring, a string of "Don't Buy Books From Crooks" protests and even a lawsuit were touched off in the nation. The book's publisher contends sales have been "respectable" anyway. Yet, in the wake of two major international book fairs, it appears that the anti-book campaign has had its greatest effect outside the United States.

Market surveys at the big London and Frankfurt book fairs, according to industry journal BP Report, show that RN sales have been "setting no records" thus far.

British booksellers, for example, ordered only 6000 copies of the book, and have yet to sell all of them.

## Ediletters Continued

how an ex-basketball coach got to be head of Aux. Ent. (How many of you knew that's what Zink used to be?) Perhaps Mr. Zink has other qualifications that I'm not aware of, but I will say that if he coached his team the way he runs Aux. Ent., they must have lost every game. Maybe that's why he's not a coach anymore.

To get back on the track, I have a piece of advice for Mr. Marchello: Don't do what your top advisors recommend until you know where the students stand. Your advisors have too many conflicts of interests; being in touch with the students is the only way you'll ever be able to judge things from all sides. Although we didn't elect you, we are, in essence, your constituents; you need to know what we think.

As far as the bookstore goes, I'll be gone by the time it comes in, but if I were here I'd be damned if I'd ever set foot in the

place. The only people who'll use it will be incoming students who don't know any better, and a small number of students who just don't care. And if Zink thinks he'll show a profit in the first year, he's all wet. Studies show that it takes the average small business 3 to 5 years to start making a return on investment.

Mr. Marchello, if you're really worried about space utilization, and you feel you must put in a bookstore, why

not use the Miner Lounge. In 4½ years all I've seen it used for is University (non-student) receptions. Many students use the snack bar to eat, to study, and to socialize; only a few students use the Miner Lounge to study, and most of them just fall asleep there anyway.

I'm sure this letter will make me rather unpopular at Aux. Ent., but I refuse to hide behind a number.

Sincerely  
Phyllis T. Lanza No. 38305



**FINCH JEWELRY**  
Corner of 8th & Rolla Streets Rolla

**UNIVERSITY CENTER  
INFORMATION DESK**  
Candy Tobacco  
Sundry Items  
School Supplies  
**UNIVERSITY CENTER  
EAST**  
341-4296

MINER SPECIAL  
**20% Off**  
Christmas Trims with this ad  
Offer expires Saturday

**sunny wall**  
FLOWERS  
1107 Pine Rolla, Mo. 364-3161

**GODFATHER'S MENU**

All menu items are available for carry-out at 20¢ extra. Phone ahead. Your order will be ready when you arrive!

SALADS	PIZZAS	Sm.	Med.	Lge.
Dinner Salads with a Choice of Dressings	Godfather Combo (Beef, sausage, onion, black olive, mushroom, pepperoni)	4.80	6.10	7.65
All You Can Eat! .89	Ham & Cheese	3.45	4.80	6.15
<b>HOT SANDWICHES WITH CHIPS</b>	Beef Topping	3.45	4.80	6.15
Ham & Cheese 1.49	Pork Topping	3.45	4.80	6.15
Italian Supreme 1.49	Pepperoni	3.45	4.80	6.15
<b>LUNCHEON SPECIAL</b>	Mushroom	3.45	4.80	6.15
6" Pizza, Salad Bar and Drink	Anchovy	3.45	4.80	6.15
Only 2.29	Black Olive	3.45	4.80	6.15
Sandwich, Salad Bar and Drink	Canadian Bacon	3.45	4.80	6.15
Only 2.29	Spicy Sausage	3.45	4.80	6.15
<b>BEVERAGES</b>	Shrimp	3.45	4.80	6.15
Beer - Mug .50	Bacon Bits	3.10	4.40	5.60
Beer - Pitcher 2.00	Green Pepper	3.10	4.40	5.60
Coffee .30	Onion	3.10	4.40	5.60
Milk .30	Deluxe Cheese	3.10	4.40	5.60
Ice Tea .30	½ Cheese-½ Other	3.15	4.45	5.80
Pop - Glass 30/40	½ Combo-½ Other	4.10	5.45	6.90
Pop - Pitcher 1.25	Extra Ingredients	40	50	60

**FREE DELIVERY!**  
**Godfather's Pizza**

1140 East Forum Drive  
Rolla • Phone: 364-3214

11 a.m.-11 p.m.  
Sun.-Thurs.  
11 a.m.-1 a.m.  
Fri.-Sat.  
Delivery Hrs:  
5-10 Sun.-Thurs  
5-11 Fri.-Sat.



# ATALE OF TWO STUDENTS

Joe Miner

By ED LATIMER

As we last left Joe, he had gone to the drive-in with four of his pledge brothers from the EAT house, and had gotten a little rowdy. They especially had heckled this one couple, and it eventually got them kicked out of the theater. As they left the drive-in, they spotted the couple they had been giving trouble to just leaving too, and followed them out to Bruno's. At Bruno's, they found out that the guy wasn't 21 and that he couldn't get in, but his date already was. Assuring him that they'd tell her, they went in after her. Joe had found her first, and the two hit it off so well that they stayed for over three hours and then went home. Joe got the use of Harry's pick-up truck and took his pick-up date out to eat, and then they came back and parked on the side of the EAT house. Suddenly Joe saw the guy's car who they had been heckling all night and whose date Joe was with now. Figuring for the worst, Joe prepared himself.

"Oh, no. Here comes somebody trying to sneak up to the truck. I'll take care of this," Joe said to his date. Looking toward the EAT house, Joe knew that there were many of his pledge brothers watching

him park with this girl with binoculars out of the windows, and Joe also knew that this was to his advantage. He heard the guy approaching, and waited until he thought that he was right underneath his door. Then Joe yelled out from the window, "PLEDGE BROTHERS!"

The reaction was instantaneous. All of his pledge brothers, already focusing on Joe's activities, were out there in a flash. "Take him inside and take care of him," Joe said to them.

The group of people left with their prize secured away and entered the EAT house.

"What's going to happen to him?" Joe's beautiful date asked.

"Oh, I don't know but I imagine that it's not going to be too nice," Joe replied with a grin.

"I want to see what they're doing to him. Please, Joe?"

"Oh, alright; I suppose there's no harm in that. We still have a lot of time left anyway."

The couple got out of the truck and went into the EAT house.

"Wait here while I go up and check out what all that noise is about upstairs. That's probably where they've got him now."

With that Joe started up the

(Cont. on pg. 10)

Bill Miner

By ED LATIMER

As we last left Bill, he had taken his date to the drive-in where he had been heckled by five fraternity men driving a pick-up truck. Leaving the drive-in, Bill took his date to Bruno's where she went in but he got carded and had to wait outside. He told the next people who went in to please tell his date what had happened and to send her outside again. Well, the next people going in were the same ones who had heckled him at the drive-in, and after he told them he waited outside for three hours, then drove home disappointed and hurt. On his way home, he saw one of the hecklers with his date in the pick-up truck by the side of the EAT fraternity house. Deciding that this was his chance, Bill got out of the car.

It was still pretty early in the evening — about 12 o'clock — and there were still many EAT actives up in the house on Saturday night. But, Bill was pretty upset and decided to go ahead anyway. He snuck out of his car and up towards the pick-up truck in a duck-walk like fashion, and finally got to the truck and hid behind the back bumper. Slowly and ever so quietly he made his way along the side of the truck until he was

right underneath the driver's door. Bill was crouched down in position, ready to spring up in the window and give the couple a good scare that would probably last all night, when suddenly Bill heard a large cry arise from inside the truck.

"PLEDGE BROTHERS!"

Suddenly more than a dozen EAT pledges came pouring out from the EAT house and towards the truck. They quickly siezed Bill, despite his resistance and carried him into the EAT house.

"You'll be sorry if you do anything to me. There are ten times as many dormitory residents as there are EAT actives and pledges put together!"

"Yea, go on bud, we're really scared. But I will admit: About ten dormies to one greek makes it about even."

"Yeah, well you just wait and see, greekie!"

"Oh, that name hurt me real bad, son; you may have to pay for that one."

Well, poor Bill got carried up to the second floor and showered down good. Then they brought out the peanut butter

and greased his body down, to be followed only with boxes of cornflakes being poured on top of the peanut butter. Then they threw him down the stairs, free to go on his way home.

Bill was really steaming by the time he got to the dorms and explained his story quickly. Bill's fury must have been contagious because soon all the dormitory residents had trash cans full of water and were advancing toward the EAT house. With Bill leading the way — still with cornflakes and peanut butter all over him — they reached the EAT house and challenged the EAT's to come out and "fight like the little boys that they were." Well, soon some EAT's came out with trash cans full of water and a huge waterfight was going.

During the fight, Bill noticed that the pick-up truck was still there and that one head was still visible in the cab of the truck. "Well, I'm going to put my water to good use," Bill said to himself as he walked away from the waterfight and towards the side of the EAT house where the truck was parked.

(to be continued next week)

## Groundwaves



Joyous applause to you all once again you great pile of meager bilge rats; you vomitous herd of hypochondriacal swine; you perverse, pompous, pythagorean pushovers for propagandized paraphernalia. And what thieving treachery traverses the entrails of your carnivorous, confused consciousness? Inane, indelible images of nuptially nurtured, naked neanderthals? Fervid, festering, fermenting, fetid fetuses? Or is it lude, lurid, lithesome, luscious lima beans? You garrulous, groping group of heuristically haughty heathens, you should all be permanently and positively pulverized. You and your assiduously arduous, atypical, anal announcements. It should all be crammed unceremoniously up your utterly ugsome, ulotrichous, unassuageable umbilicuses.

Oh you wanted Foreign Investments. That's over in "Algorithm and Blues."

Qualmish, quiescent, quixotic, querulous, quadrupeds.

On Monday at 10 a.m. we will feature "Ernie From McLouth" which is a pieced-together interview with Ernie Hanson, an "80-year-old not-planning-to-retire blacksmith who lives in McLouth, Kansas." At 10 a.m. on Wednesday "The Lost Symphony" can be heard. This is "a battle to the death between Clef Concerto, classical composer, and Arnie Tonal, electronic musician."

Finally, do not forget about the Rush special tomorrow beginning at 11:30 a.m. (that's right before lunch) brought to you by Smellin', excuse me, Smilin' Jim. The special will be capped by your local bottlers and "hemispheres."

Here are next week's albums: Sunday at 8 p.m. on "Blues for Rolla" Siegal-Schwab Band "The Last Summer"

Sunday at midnite on "Changes" John Klemmer "Solo Saxophone"

Monday at 8:30 p.m. Terry Reid "Rouge Waves"

Monday at midnite Carly Simon

Tuesday at 11 a.m. The Graeme Edge Band "Kick off your muddy boots"

Wednesday at 8:30 p.m. Steeleye Span "live at last!"

Wednesday at midnite on "Improvisations" Dave Holland "Emerald Tears"

Thursday at 9 a.m. Status Quo "On the Level"

Truth is hard to face, but it must be done if Evil is to be defeated.

J.R.

Johnny's Smoke Stak  
ALL YOU CAN EAT  
\$3.95

BEEF STEAK PLATE  
With French Fries, Baked Beans,  
And Cole Slaw

SUN., DEC. 3RD

Johnny's Smoke Stak Pit Bar-B-Que

Highway 72 at Rolla St. 12:00 Till 9:00 Rolla, Missouri

### 1 HORSE BOOK SHOP

Used books, comics, records

Bought, Sold, Traded  
207 W. 11th Rolla  
1/2 block E. of Univ.  
Center Parking Lot

ZENO'S MOTEL  
STEAK HOUSE  
HOME OF THE FAMOUS 12 OZ. STEAK  
Box 70 Phone: 364-1301  
Rolla, Mo. Martin Spring Dr.

Christopher Jewelers  
805 Pine Rolla, Mo. 364-2264

## ENGINEERS

Federal Government agencies are involved in some of the most important technological work being done today....in energy fields, communication, transportation, consumer protection, defense, exploring inner and outer space and the environment.

Some of the jobs are unique, with projects and facilities found nowhere else. Salaries are good, the work is interesting and there are excellent opportunities for advancement.

Our nationwide network can get your name referred to agencies in every part of the country.

For information about best opportunities by specialty and location, send a coupon or your resume to Engineer Recruitment, Room 6A11.



U.S. Civil Service Commission  
Washington, D.C. 20415

An Equal Opportunity Employer

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Degree level and Engineering specialty \_\_\_\_\_

Univ. Col. \_\_\_\_\_ Yr. Grad. \_\_\_\_\_

Geographic Preference(s) \_\_\_\_\_

Tel. no. \_\_\_\_\_



## Tau Beta Pi Fall Initiation

On November 5th Tau Beta Pi Association held its annual fall initiation banquet in the Centennial Ballroom. Tau Beta Pi is the National Honorary Engineering Society. At the banquet Tau Beta Pi President Steve Lautenschlaeger and Vice-President Bruce Bales went through the highlights of the semester's activities and explained the objectives of the association. The guest speaker for the banquet was Chancellor Marchello.

The purpose of Tau Beta Pi is to honor students who have achieved a distinguished scholarship record and who

**Joe....**

(Cont. from pg. 9)

stairs but didn't get very far when he heard the blood-curdling cry, "DORMY!" Joe tried to get out of the way, but to no avail. The dormy had landed right on top of Joe and the two of them rolled down the stairs together. Once at the bottom, the dormy got up and ran out the door as fast as he could. Joe slowly picked himself up, and looked around for his date, who was laughing her head off at the sight.

"Come on, let's go back outside," Joe suggested, and indeed the two did go back to the truck.

Well, Joe and his date were really hitting things off well — I mean real well — in the cab of the truck, and they had the window rolled down to keep the cab from steaming up. The two were so busy with themselves that they didn't notice the waterfight going on in the front of the EAT house...

(To be continued next week)

have exemplary characters. Both requirements must be met in order to be considered for membership. Some of Tau Beta Pi's activities of the past semester were a work day to raise money for the freshman scholarship, guest speakers at meetings, the pledge smoker, and the MPG contest which will feature entries from all over the United States.

Several awards were presented at the banquet for outstanding pledge achievements during the semester. Steven Ranney was recognized for having written the best pledge paper. David Thompson was credited with having made the best pledge paddle. And Wayne Clark received the honor of being named best all-around pledge.

**Come in and see our wide selection of Jewelry.**



Including



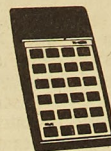
**Estey** Joe Miner Ring Exclusively At **JEWELRY**

715 Pine St.  
Forum Plaza Shopping Center

## Unbelievable Savings CALCULATORS & STEREO'S Calculators

### Texas Instruments

	WAS	SALE
TI-59	\$300	\$219.95
TI-58	\$125	\$92.95
TI-57	\$60	\$45.95
PC-100A	\$200	\$149.95
MBA-FINANCE	\$70	\$52.95
TI-55	\$50	\$38.95
SR-40	\$25	\$19.95
BA-BUSINESS	\$30	\$23.95
TI-5040	\$110	\$78.95
TI-25	\$33	\$23.95
TI-1750	\$25	\$17.95
PROGRAMMER	\$60	\$44.95
SPEAK & SPELL	\$55	\$44.95
MODULE LIB. FOR 58, 59	\$	\$29.95



### HEWLETT-PACKARD

	WAS	SALE
HP-10	\$175	\$144.95
HP-19C	\$275	\$222.95
HP-21	\$80	\$49.95
HP-25C	\$160	\$130.95
HP-29C	\$175	\$144.95
HP-31E	\$60	\$49.95
HP-32E	\$80	\$69.95
HP-33E	\$100	\$81.95
HP-37E	\$75	\$65.95
HP-38E	\$120	\$97.95
HP-67	\$450	\$359.95
HP-92	\$495	\$395.95
HP-97	\$750	\$599.95

1. Above prices include A/C Adaptor-Charger & Carrying Case. \$12.95 extra for 110/220V Adaptor.
2. All above calculators have full one year factory warranty.
3. Enclose payment in full with order, or remit \$20 with order, balance C.O.D.
4. Shipping charges: Add \$3.00 for calculators and 4% of price for receivers and 5% for speakers.
5. FAST DELIVERY GUARANTEED only with M.O. or certified checks. Personal checks will delay the order until it clears banks.

### Receivers

	LIST	OURS
PIONEER SX-580	\$225	\$166
PIONEER SX-680	\$275	\$195
PIONEER SX-780	\$350	\$248
PIONEER SX-880	\$450	\$313
PIONEER SX-980	\$600	\$418
JVC JR-S61W	\$200	\$155
JVC JR-S81W	\$300	\$232
JVC JR-S201	\$360	\$270
JVC JR-S301	\$480	\$360

### Speakers

	LIST	OURS
JBL L-19	\$175	\$121 ea.
JBL L-36 (3-way)	\$240	\$169 ea.
JBL L-40	\$250	\$173 ea.
JBL L-50	\$325	\$225 ea.
JBL L-100	\$400	\$239 ea.
JBL L-110	\$410	\$283 ea.
ADVENT LARGE	\$140	\$116 ea.
EPI 100V	\$109	\$79 ea.
ESS LS-8	\$179	\$143 ea.

PHONE ORDERS ACCEPTED  
ONLY WITH  
CREDIT CARDS  
**814-237-5990**  
(Add 3% for Credit Card Orders)



**SEND  
FOR  
FREE  
CATALOGUE**

### STEREO WAREHOUSE

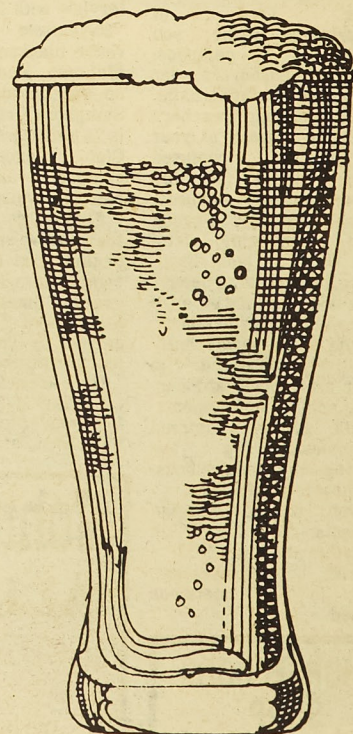
110 NEW ALLEY, STATE COLLEGE, PA. 16801

# Unmistakably Oly!



**G**leaming pillar of constancy in a changing world, the design of the schooner is lost back in the dim past of Scandinavian glass craftsmanship. Until 1895, it remained nameless, when Australian sailors adopted it as the regulation beer quantity for young seamen. (A 3/4 pint mug was too much; a 1/2 pint glass too little.) So the wasp-waist, bottom-heavy taw-glass was christened with the name of a ship midway between a cutter and a frigate.

The schooner hasn't changed a lot. And neither has Olympia Beer. It's still made with premium ingredients and a heritage of brewing experience that never changes. A great beer doesn't change. Olympia never will.

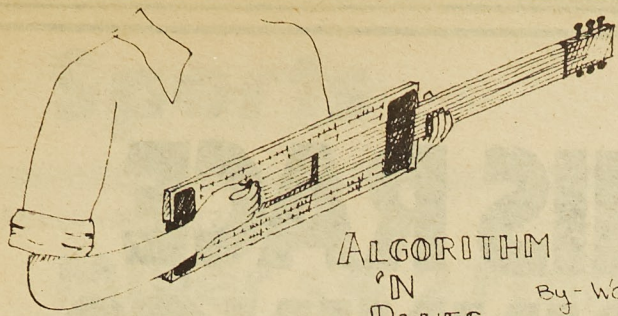


**OLYMPIA**  
Beer doesn't get any better.®

**DeLeo Distributing**

Cuba, Missouri





## ALGORITHM 'N BLUES

By - Ward Silver  
Huf

Oh Lord, mommy, doncha know it makes me feel so bad! Well, actually, it could be worse, I could have a job. John Hartford wrote a good song about such things called "Tall Buildings", and it goes like this: "Someday my baby, when I am a man, and others have taught me the best that they can, they'll sell me a suit, and cut off my hair, and send me to work in tall buildings." But, I digress.

What's all this fuss about "The buying of America", as Newsweek calls it? Lotsa worrying about foreign (mostly Arab) money starting to buy banks instead of just sit in them. Our own wonderful state legislature has passed a law barring foreign ownership of Missouri farmland, rocky and hard though it may be. Not just the nouveau-oily-rich are putting their capital into our capitol, long considered the world's safest haven for investments, but the Japanese, Germans, English and everybody else is getting into the deep dish American financial pie. And many Americans think it's the worst invasion since 1812. I say, great!

I didn't see any legislators foaming at the mouth when the multi-national corporations sucked all the resources out of developing nations and virtually controlled many small countries by virtue of employing major fractions of the work forces there. (Why does the Third World think so poorly of us?) And, I don't hear much about the American cultural invasion of the rest of the world via the likes of McDonald's. It's OK when we do it, but not when they do it. If the free enterprise system is so great, why should it only work for us? Yes, I know that some foreign products are heavily subsidized by their government, but many American corporations pump a proportional amount of capital relative to their host's budgets into their foreign endeavors, and nationalization is not the issue.

The issue is: Do we want "furriners" owning significant amounts of American business? I think the answer is yes for these reasons.

One: Increase foreign investment puts additional capital to work creating jobs. Note the laissez-faire attitude of Labor toward foreign investment. A conspicuously silent Labor, for once.

Two: Increased foreign investment means a greater foreign interest in a prosperous American economy. Arabs with billions of dollars tied up in American business will not be so quick to hurt their own pockets by embargoes, for one example.

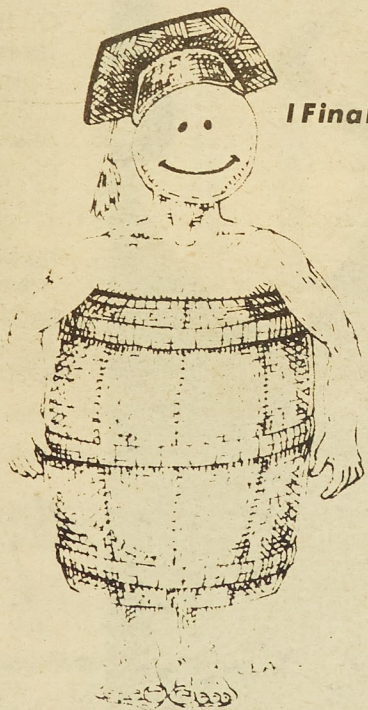
Three: Increase foreign investment, not just in America, but worldwide, will certainly help reduce the threat of global conflict. Why would governments initiate hostilities when to do so would hurt themselves and their allies through economic retaliations? Economic blackmail? Sure, why not? Nuclear blackmail is the best idea for global peacekeeping anybody's been able to come up with yet. I think economic pressure hits most businessmen right where they hurt most. If the businessmen don't back a war, it doesn't get started or fought.

Increase foreign investment is only one step toward creating a strong international community capable of mutual aid and support. The isolated, self-sufficient nation has been a myth since World War Two, and it's high time, what with

dwindling nationally-exclusive resources, plus faster transportation and communication, that we learn to accept and work with our neighbors, especially the not-so-neighborly. United we stand, divided we fall, you know.

Xenophobia (fear of the strange & unknown) very rarely benefits a society of human beings, and usually results, if made normal policy, in the constriction and stagnation of the phobic group. We live in an increasingly shrinking world. Not every body can live inside a moat and be self-sufficient anymore. Good fences may make good neighbors, but too good a fence may eliminate neighbors altogether, and that would be no fun at all.

Ward Silver



I Finally Did It!

## ROLLA RARE COIN

Buying and Selling U.S. and Foreign Coins  
Gold, Silver, Sterling Coin & Stamp Supplies  
7th & Pine Rolla, Mo. 364-4272

## Brano's Bar/Restaurant

Ask About Banquets  
Football On A Big Screen Every Monday!

## DISCO

Thurs., Fri. & Sat.,  
9:30-1:00  
1435 Hauck Dr. Forum II  
341-2110

**SHOTOKAN  
KARATE**  
of Rolla  
**364-7428**

## Classified Ads

FOR SALE: Calculator SR-50 with all accessories. Call 364-2012.

FOR SALE — "Realistic" AM-FM stereo with 8-track player-recorder, speakers and turntable. Call 364-2012.

FOR SALE — Chase - Ennea; Croce - You Don't Mess Around With Jim; Moody Blues - Seventh Sojourn; John Lodge - Natural Avenue and Steely Dan - Aja.  
Call Ken 364-8490-Rm 208 Farrar.

SKI COLORADO: 6 days-5 nights in luxurious condominiums, kitchened equipped, fully furnished, heated pool, sauna, and whirlpool. 3 day lift pass with 3 full days of ski rental. Aspen (Jan. 7-12) \$139, Winter Park (Jan. 1-6) \$129 and Vail (Jan. 8-13) \$145. Other campuses included are Mizzou, Oklahoma State, Purdue and Champaign. For more information contact Steve Fischer at 364-9823 or 364-2067.

SUE, EMELY, or whoever you are: Thanks for standing me up. It ruined my weekend. I hope all your final exam papers are made from poison ivy. — Signed Frustrated, shy male student.

FRUSTRATED SHY MALE STUDENT, you get what you deserve. Quit hiding behind your classified ads. YOU ARE A DECENT GUY — ONE OF A FEW, so act like one...Love Ya. — Elizabeth

SUSAN, give me a call. TK

POSITION WANTED: Ex-chancellor seeks position with reputable firm; where decisions won't be questioned. Have experience as book store clerk. Contact Marci' at 341-4114.

FOR SALE: Entire stock of used jackets. Really "hot" deals. See Dan 203 Altman.

## LA POSADA

DELICIOUS  
MEXICAN  
FOOD

HWY. 63 S.  
ROLLA  
CLOSED MON.

MEXICO  
CITY  
STYLE

## PROGRAMMERS

First National Bank in St. Louis is hiring Programmers to staff our D.P. center in Columbia. We offer an opportunity to grow with a major D.P. shop in the midwestern financial industry.

We are looking primarily for programmers with 1-3 years experience, but we are willing to train college graduates with computer science majors. We are a Burroughs shop, using COBOL as our primary coding language.

We can promise a growth oriented career path in a developmental shop. Excellent salary and benefits. Please send resume to:

Al Kerth

### First National Bank in St. Louis

510 Locust St. Louis, MO 63101

We will contact you for an interview in the Columbia area.

An Equal Opportunity Employer M/F



## COUPON

"Hot Fudge for Cold Nights"



Hot Fudge Sundaes

**49¢**

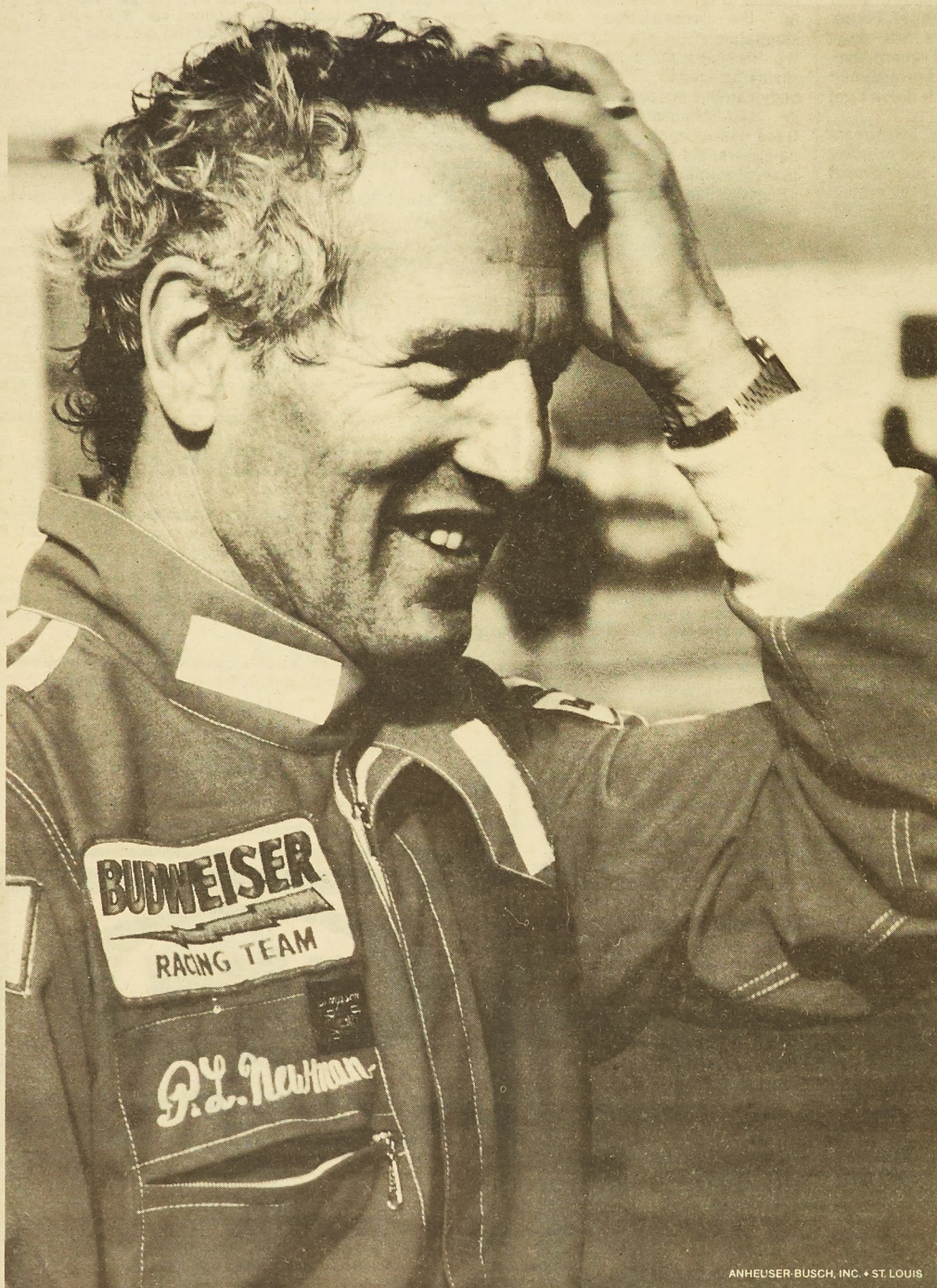
Expires Dec. 6, 1978

## COUPON

Open Till 12 p.m. Sun.-Thurs.  
Open Till 1 a.m. on Fri. & Sat.  
1202 N. Bishop 364-8998 Rolla, Mo.



# WHY IS THIS RACE DRIVER GRINNING?



ANHEUSER-BUSCH, INC. • ST. LOUIS

Some say it's because he gave up a promising film career to head up the **Budweiser Racing Team!**

But the real reason is that he just likes to win. And he did plenty of that this past season in a pair of Budweiser-sponsored, Bob Sharp-prepared Datsun race cars.

**Fifteen races: Twelve wins!  
On the pole eight times!  
Three track records!**

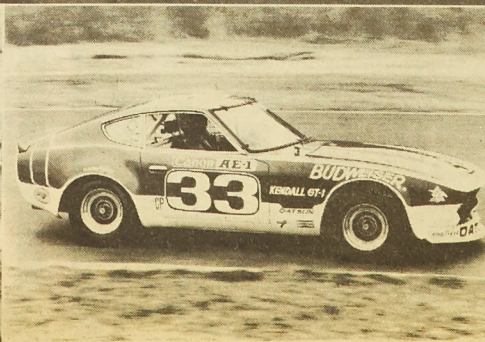
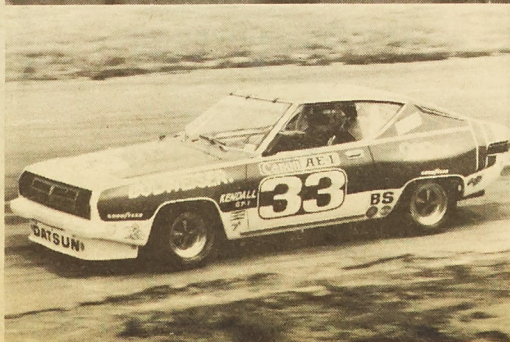
And in the SCCA National Championships at Road Atlanta, he took a second place in his C-Production Datsun 280-Z... and a third in the B-Sedan category with his Datsun 200-SX.

Naturally, we congratulate him for his super season and wish him even greater success in '79.

*"Way to go, Paul!"*

From your friends  
at Budweiser

For a 2 x3 color poster of the Budweiser Datsun in action, send \$3.50 (check, M.O.) to:  
Bob Sharp Racing Inc., 021 South St., Danbury, CT 06810.





# Sports

THE MISSOURI MINER

Thursday, November 30, 1978

Page 13

Finish Season With 17-7 Win

## Miner's 4-2 Finish 3rd In MIAA

By CHRIS RANSOM

The Miner football team finished out their season in style on Nov. 18 in Warrensburg as they came up with their eighth victory in 11 outings this season. The Miners beat Central Missouri State 17-7.

That was the first time since 1914 that the Miners tallied that many wins for a season. However, the Miners lost two

crucial conference battles against Northeast and Southwest that gave them a third place league standing in the MIAA.

The Miners rounded out an exceptional season by naming six players to the MIAA all conference first team.

Running back Terry Ryan was named all-conference for the third straight year but was second in rushing to Northeast

running back Mike Harris. Last year Ryan was second to Steve Powell, now an alumni of Northeast and player for the Buffalo Bills of the NFL.

Mike Harris was picked the league's most valuable player. Harris rushed for 1,598 yards on 329 carries which broke Ryan's conference mark of 290 carries set last season.

Ryan finished the season with 1,117 yards and was fourth in

the conference scoring race with 11 touchdowns for 66 points.

Ryan was joined by offensive tackle Steve Curran, split end Dave Hall, defensive end Greg Elzie, safety Bill Grantham and cornerback Craig Heath.

Curran was named to the second team last season. Although Hall was 12th on the most receptions list catching 15 passes he still managed to earn first team honors. Hall averaged 26.4 yards per catch and scored four touchdowns.

Senior receiver Andy Cox received an honorable mention after receiving first team honors last season. Cox had 15 receptions as compared to his league leading 37 last year.

Junior guard Brian Tepper

also received an honorable mention on the offensive unit.

Elzie was a unanimous selection on the defensive unit. Elzie led the Miners in tackles and quarterback sacks this season.

Grantham led the MIAA in interceptions and set a new school record of 11. Grantham had tied a school record last year of eight interceptions.

Heath was second in interceptions this year for the Miners with six. Heath also led the league in kickoff returns and was third in punt returns.

Also receiving honors were second team tackle Joe Kinsella and linebacker Danny Vance along with tackle Jim "Bo" Decker and end Jeff Wozek who received honorable mentions.

### MIAA All-Conference Football Teams

#### OFFENSE — FIRST TEAM

TE Ezra Thompson	Northeast Mo.	Senior	6-3	229	Hannibal, Mo.
WR Dave Hall	Mo.-Rolla	Senior	6-4	190	Leawood, Kan.
WR Ricky King	Lincoln	Junior	6-2	175	Boynton Beach, Fla.
OT Roland Mangold	Northeast Mo.	Senior	6-2	228	Toronto, Ontario
OT Steve Curran	Mo.-Rolla	Senior	6-5	230	O'Fallon, Ill.
OG Darrell Buffington ++	Northeast Mo.	Senior	5-10	236	Hannibal, Mo.
OG Rick Suchenski	Southwest Mo.	Junior	6-4	220	Mascoutah, Ill.
C Rich Walker	Southwest Mo.	Junior	6-1	225	St. Louis, Mo.
QB Kirk Mathews	Northwest Mo.	Senior	6-0	185	Glencoe, Mo.
FB John Gianini +	Southwest Mo.	Junior	6-1	235	St. Louis, Mo.
HB Mike Harris +	Northeast Mo.	Senior	5-10	185	Lebanon, Pa.
HB Terry Ryan ++	Mo.-Rolla	Senior	6-0	183	St. Louis, Mo.
K Jan Stahle	Southwest Mo.	Senior	5-10	170	Malmoe, Sweden

#### DEFENSE — FIRST TEAM

DE Greg Elzie +	Mo.-Rolla	Senior	6-3	200	Wentzville, Mo.
DE Melvin Kennedy	Northeast Mo.	Soph	6-4½	225	East St. Louis, Ill.
DT Mark Sobol ++	Northeast Mo.	Senior	6-2	238	Palos Heights, Ill.
DT Alex Clinton	Southeast Mo.	Junior	6-3	227	Hayti, Mo.
MG Willie Taylor	Southeast Mo.	Senior	5-11	248	Blytheville, Ark.
LB Mike Murphy	Southwest Mo.	Senior	6-3	220	St. Louis, Mo.
LB Doug Kreighbaum	Northeast Mo.	Junior	6-3	226	Raytown, Mo.
LB Pete Grathwohl ++	Northeast Mo.	Senior	6-0	214	Columbia, Mo.
DB Steve Oberweather	Central Mo.	Senior	5-11	180	Lee's Summit, Mo.
DB Bill Grantham	Mo.-Rolla	Soph	6-0	175	Springfield, Mo.
DB Craig Heath	Mo.-Rolla	Soph	5-11	180	Kansas City, Mo.
DB Tim Ries	Southwest Mo.	Senior	5-11	175	Blue Springs, Mo.
P Bruce Lilienkamp	Southwest Mo.	Senior	6-0	220	Lockwood, Mo.

MVP — Mike Harris, NEMSU ++ Unanimous choices

++ First team selection three consecutive times

#### OFFENSE — SECOND TEAM

TE Dale Groenke, CMSU, Jr.	OT Warren Weber, SWMSU, So.	OG Steve Ruff, SWMSU, So.
WR Brad Boyer, NWMSU, Jr.	OT Marty Savage, SWMSU, Jr.	C Vic Ortega, SEMSU, So.
WR Steve Newbold, SWMSU, So.	OG Rob Alberswerth, CMSU, Sr.	QB Mitch Ware, SWMSU, Jr.
		FB Mike Wieser, SEMSU, Sr.
		HB Craig Weldy, SWMSU, Sr.
		HB Dan Montgomery

#### DEFENSE — SECOND TEAM

DE Morgan Trokey, SWMSU, Sr.	DT Joe Kinsella, UMR, Sr.	DB Dave Cross, SWMSU, Sr.
DE Andy White, CMSU, Sr.	MG Tony Ippolito, NEMSU, Sr.	DB Don Davis, SEMSU, Sr.
DT Rick McReynolds, NEMSU, Sr.	LB Tim Nieman, SWMSU, So.	DB Bill Beckett, SWMSU, Sr.
	LB Rick Tate, NWMSU, Jr.	DB Kent Davis, SWMSU, Jr.
	LB Danny Vance, UMR, Sr.	P Bob Fletcher, NEMSU

#### OFFENSE — HON. MENT.

TE Andy Cox, UMR, Sr.
WR Marcus Dixon, CMSU, Jr.
OT Tom Iven, SWMSU, Jr.
OT Pat Crowe, CMSU, Sr.
OT Rich Bates, LU, Sr.
OT Jeff McCafferty, LU, Jr.
OG Brian Tepper, UMR, Jr.
OG Mike Petricca, NEMSU, Sr.
QB Bill Foster, CMSU, Jr.
QB Don Dunning, LU, So.
HB Eugene Harris, LU, Fr.

#### DEFENSE — HON. MENT.

DE Jeff Wozek, UMR, Jr.
DT Dee Robison, CMSU, Sr.
DT Jim Decker, UMR, Jr.
LB Dan Wetzel, LU, So.
LB Aaron Kelly, LU, Jr.
LB Keith Driscoll, NEMSU, Jr.
DB James Williams, SWMSU, Sr.
DB Horace Fedrick, LU, So.
DB James Ages, LU, So.
DB Wayne Allen, NWMSU, Jr.
DB Dave Toti, NWMSU, So.
DB Craig Patton, NEMSU, So.
DB Stan Hughes, NEMSU, Sr.
DB Jerry Dement, SEMSU, Sr.

## Rolla Craft-Hobby

1009 Pine Rolla, Mo. 364-5581

### HERE'S ONE ENGINEERING OPPORTUNITY YOU WON'T GET IN PRIVATE INDUSTRY.

How many companies can offer you a nuclear submarine to operate? None. Equipment like this is available only in the Navy.

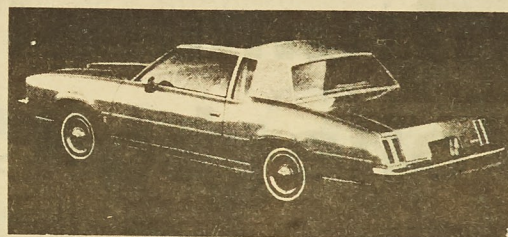
As a commissioned Nuclear Propulsion Officer who has successfully completed a year of nuclear training, you'll receive a \$3,000 bonus. Plus a top salary and responsibility for advanced technical equipment.

If you're majoring in engineering, math or the physical sciences, find out about the Nuclear Navy.

CONTACT: LT. JESSE TRICE  
210 N. 12th St.  
St. Louis, Mo. 63101  
Tel: 314-268-2505  
(Station to Station Collect)

NAVY OFFICER. IT'S NOT JUST A JOB, IT'S AN ADVENTURE.

## CAN WE BUILD ONE FOR YOU?



OLDS CUTLASS FOR '79

"Special Terms & Prices For Graduating Seniors"



YOUR OLDS, BUICK, AMC/JEEP DEALER

SCHWEISS MOTOR CO., INC.

500 Hwy. 63 South Rolla, Mo.

Open 8 to 6:30; Sat. Till 4 p.m.

## inn-troducing

the all new

## "Super Special" Pizza

COUPON

\$2<sup>00</sup> OFF Any 16" Pizza

\$1<sup>00</sup> OFF Any 13" Pizza

One Coupon Per Customer Please  
Offer Expires Wed., Dec. 6, 1978

COUPON

Pizza inn

1735 N. Bishop  
Rolla, Mo. 364-4544

"We've got a feeling you're gonna like us."

## G & D STEAKHOUSE

6 OZ.  
RIB EYE

\$2<sup>30</sup>

Baked Potato or Fries, Texas Toast

FREE ICE CREAM WITH EACH DINNER

Forum Plaza Shopping Center

Rolla, Mo.

Open 11 a.m. to 9 p.m. Daily

7 Days a Week





## Football Forecasts by Joe Harris

P. O. BOX 1882

ATLANTIC CITY, N. J. 08404

\* Home Team

SATURDAY, DECEMBER 2, 1978

PROBABLE WINNERS & SCORES	PROBABLE LOSERS & SCORES
*ALABAMA ..... 28	AUBURN ..... 14
*ARKANSAS ..... 28	TEXAS TECH ..... 14
*BOSTON COLLEGE ..... 24	HOLY CROSS ..... 21
Brigham Young ..... 28	U. Nevada (L.V.) ..... 21
Florida A. & M. .... 21	Grambling State ..... 14
*FLORIDA ..... 20	MIAMI (FLA.) ..... 14
*GEORGIA ..... 17	GEORGIA TECH ..... 14
*HOUSTON ..... 35	RICE ..... 7
*LOUISIANA STATE ..... 28	WYOMING ..... 7
NAVY ..... 17	ARMY ..... 7
*San Jose State ..... 21	Long Beach State ..... 20
So. California ..... 42	*Hawaii ..... 7
TENNESSEE ..... 31	*VANDERBILT ..... 14
*TEXAS ..... 21	TEXAS A. & M. .... 7
UTAH ..... 14	*SAN DIEGO STATE ..... 13

SUNDAY, DECEMBER 3, 1978

NATIONAL FOOTBALL LEAGUE	NATIONAL FOOTBALL LEAGUE
*CINCINNATI ..... 17	ATLANTA ..... 14
*DALLAS ..... 16	NEW ENGLAND ..... 13
*KANSAS CITY ..... 20	BUFFALO ..... 17
LOS ANGELES ..... 20	*NEW YORK GIANTS ..... 13
MIAMI ..... 17	*WASHINGTON ..... 13
*MINNESOTA ..... 17	PHILADELPHIA ..... 16
*NEW ORLEANS ..... 20	SAN FRANCISCO ..... 17
*NEW YORK JETS ..... 17	BALTIMORE ..... 16
*OAKLAND ..... 14	DENVER ..... 13
PITTSBURGH ..... 17	*HOUSTON ..... 16
*ST. LOUIS ..... 16	DETROIT ..... 13
*SEATTLE ..... 20	CLEVELAND ..... 17
*TAMPA BAY ..... 17	GREEN BAY ..... 16
*SAN DIEGO ..... 20	CHICAGO ..... 16

MONDAY, DECEMBER 4, 1978

# Intramural Volleyball

By JOHN CROW

Intramural Soccer is drawing nearer to the finals and it looks like the defending championship team, TKE, will be a strong contender in Division I. Phi Kappa Theta also looks tough along with Kappa Sigma. TKE and Kappa Sigma have not been beaten and it should be interesting to see

Division I	Wins	Losses
Beta Sig	6	0
TKE	5	1
GDI	5	1
Sig Tau	0	6
Tec	3	2
Delta Tau	2	4
FELA	2	3
Sig Pi	1	5
Sig Ep	5	0
PiKA	2	2
Lambda Chi	5	1
TJHA	6	0
Sig Nu	2	2
Triangle	3	2
Focus	0	4
Phi Kap	2	2

the outcome of Division I.

In Intramural Volleyball, Division I is stacked with the toughest teams of last year. Beta Sig, the defending champs, looks tough along with TKE, GDI, and Sig Ep. Division II seems to be up for grabs. The Volleyball playoffs begin next Thursday. Following is a list of the Volleyball records.

Division II	Wins	Losses
Campus	3	2
RHA	3	3
Wesley	1	5
KA	5	1
ABS	2	1
Acacia	1	4
CSA	2	2
Theta XI	3	1

Kappa Sig	3	1
Mates	2	3
AEPi	2	3
Delta Sig	2	3
ASA	5	0
PiKPhi	0	5
GSA	2	1

## Swimmers Place Fifth In Miner Relays

The UMR Swim Team opened up their 1978-79 season on Saturday, November 18, hosting the Fifth Annual Miner Relays. The Miners finished in fifth place out of 11 teams. SIU-Carbondale won the meet with 368 points, University of Arkansas second with 296, then Mizzou, 282; Drury College, 268; UMR, 212, Southeast Missouri State, 142; Flo Valley, 140; Southwest Missouri State, 138; St. Louis U., 126; Wm. Jewell College, 82, and Northeast Missouri State, 66.

New Miner Relay records

were set in 10 of the 12 events, which included only relay events and one and three meter diving. In addition, Ray Gill set a UMR record in the three-meter diving, accumulating 262.50 points. Also, the team of Gill and Dolan set a Miner record in the one-meter diving, gaining 417.45 points together.

Coach Robert Pease was not impressed nor unhappy about his team's performance. "We finished right where we were seated; I'm happy with that." Though Coach Pease conceded that he was not going strictly

for the highest place, he did say that this was not a warm-up meet. "I used a lot of different swimmers to see what certain people could do, but I was trying to finish as high as possible."

The UMR swimmers will continue their season this Friday and Saturday at the Big 8 Relays in Norman, Oklahoma. This should be a tough meet for the Miners, as all the teams in the meet except for UMR and Drury College are NCAA Division I schools.

## Miner Basketball Squad Opens 1978 Season

By CHRIS RANSOM

The Miner basketball team began their season Friday night in the first annual University of Missouri Tournament at St. Louis. The Miners dropped two games in the tournament. The first against University of Missouri-Kansas City 92-70 and the consolation contest 92-83 against Missouri-St. Louis.

After two games Debondt leads the squad averaging 20 point a game, with Horhn and Fuerman following with 15 and 10.5 point respectively.

The starting lineup has been Debondt, a 6-6 senior, at center, Kipp and Fuerman, a pair of 6-7 sophomores, at the forward spots, and guards Joel

Schreiner, a 6-4 senior, and Horhn, a 6-1 junior.

The Miners played Western Illinois University in Macomb, Ill., last night and will be home tomorrow night for their first home contest against Concordia College at the Multi-Purpose Building.

### HOOK AUTO SUPPLY

Auto Parts-Accessories-Speed Equipment  
Discount Prices To All

513 Hwy. 63 S.

364-5252

### LAST CHANCE

—Ski Winter Park—

\$129 January 1-6

3 day lift pass with 3 full days of ski rental  
6 days/5 nights in condominiums or

SKI ASPEN \$139 JAN. 7-12

Trips are filling fast. For more information,  
contact: Steve Fischer 364-9803 or 364-2067  
Other composes included: Mizzou,  
Oklahoma St., Purdue, Champaign

KEY

## SPORT shop

For new and  
bright ideas for  
your Christmas  
gifts. Come on in  
and let us help.

1003 Pine

Rolla, Mo. 364-5495

Soap  
Burger

BOOKS & THINGS

Forum Plaza Open 9-9 Mon.-Sat. 364-5432



# Southwest MIAA Champs

## MIAA Release

Southwest Missouri State became the first Missouri Intercollegiate Athletic Association football team to capture a conference title outright since 1975.

The Bears climaxed a perfect 6-0 league campaign by blasting Southeast Missouri State, 38-6, Saturday, November 18, at Cape Girardeau. Rich Johanningmeier's combatants defied a pre-season poll of coaches that picked them to finish third in the MIAA.

Senior tailback Mike Harris led Northeast Missouri State to a 37-13 win over Lincoln University to assure the Bulldogs of a second-place finish. Harris romped for 232 yards on 40 carries to annex the conference and NCAA Division II rushing titles. He also established a new school and league single year records for most attempts (329) and yardage (1,598). Harris is the first Bulldog national rushing champion since Dale "Paley"

Missouri-Rolla's Terry Ryan, also playing his final collegiate game, erased the MIAA single game carry record by toting the pigskin 48 times for 200 yards

against Central Missouri State, a 17-7 victim of the Miners. Ryan, who gained 100 or more yards on 19 occasions during his career, finished the season with 1,117 yards, immediately behind Harris in the league rushing derby.

MIAA category leaders this fall besides Harris were Northwest Missouri State senior quarterback Kirk Mathews, passing with 122

completions for 1,611 yards; Lincoln junior wide receiver Ricky King, 49 aerial catches for 575 yards; SWMS junior fullback John Gianini, scoring with 78 points; Lincoln junior Mike Pennington, 13 punt returns for a 13.8 average; UMR sophomore Bill Grantham, 11 interceptions; SWMS senior Bruce Lilienkamp, punting average of 38.1; UMR sophomore Craig Heath, kickoff returns with a

30.7-yard average; and Mathews, total offense with 1,730 yards.

Harris, Gianini, Pennington,

Grantham and King were ranked last week among NCAA Division II leaders. Grantham was first in the interception category.

SCHOOL	MIAA RECORD	OVERALL RECORD	
S.W. Mo.	6-0-0	8-3-0	Beat S.E. Mo., 38-6
N.E. Mo.	5-1-1	6-4-1	Beat Lincoln U., 37-13
Mo.-Rolla	4-2-0	8-3-0	Beat Cent. Mo., 17-7
S.E. Mo.	2-4-0	6-5-0	Lost to S.W. Mo., 38-6
Cent. Mo.	2-4-0	2-8-0	Lost to Mo.-Rolla, 17-7
Lincoln U.	2-4-0	2-8-1	Lost to N.E. Mo., 37-13
N.W. Mo.	0-6-0	0-11-0	Idle

## Mountaineering #1.

# FUNDAMENTALS OF MOUNTAINEERING

What is mountaineering all about? Funny you should ask. Because we just happen to have an answer. (Ah-h, life's little coincidences.) Mountaineering is a skill, a science and an art. Yet anyone with a thirst for excellence and normally developed motor skills can master it. Simply study these fundamentals and follow them faithfully.

**1.** Step one, appropriately enough, starts by selecting the correct site. To do so, pick up a bottle of Busch. This is commonly called heading for the mountains.

**2.** Okay, here's where the fun begins. Hold the mountain firmly in your left hand, grasp the mountain top with your right hand and twist the little fella off. There you go.

**3.** Now for the tricky part. Neophytes, listen up: the proper pour is straight down the center of the glass. Only in this way will the cold, invigorating taste of the mountain come to a head.

**4.** Once poured, pacing becomes paramount. As any seasoned mountaineer will tell you, the only way to down a mountain is slowly, smoothly and steadily - savoring every swallow of the brew that is Busch. If you're a bit awkward at first, don't be discouraged. Perfection takes practice. Soon enough, having emptied your glass and filled your soul, you too will be a mountaineer.

*Choose Only the Authentic Item Recognize it by the Craggy Peaks Affixed thereto Accept No Substitutes*

**Fig. 1** Before Mountaineering  
**Fig. 2** During Mountaineering  
**Fig. 3** After Mountaineering

## Sports Fans

I Bet You Didn't Know

Brought To

You By

Jim Wood, C.L.U.

What are the odds that 2 football teams meeting 2 straight years would see both games end with the same score - and with the same man scoring the same number of winning points? This once happened to Army and Navy. Navy beat Army in 1910 and again in 1911. The score of each game was Navy 3, Army 0. And in each game, the scoring was done by the same man, in the same way, as Jack Dalton of Navy won each game with a field goal for the only points. Who would predict that 2 straight games could be so similar.

In the history of the National Football League, there's been only one man who led the league in rushing every year he played. It was Supreme Court Justice Byron Whizzer White. White played his first year in the NFL in 1938 and led the league in rushing. He left football in 1939 but came back for one more season in 1940, and again led the league in rushing! That was his last season, so he quit with a perfect record.

What was the toughest schedule any football team ever played? How about this. In 1899, Sewanee played 5 games in 5 different cities in 6 days against Texas A&M, Tulane, LSU, and Mississippi. And the amazing thing is Sewanee won each of those games!

I bet you didn't know...that we have a special plan for underclassmen and women. \$10,000 for only \$2/month while in college. Call...

JIM WOOD, C.L.U.  
364-8888

DON GIBSON, C.L.U.  
364-5386

COLLEGE LIFE INSURANCE  
213 Ramsey Building  
8th & Rolla Streets



Don't just reach for a beer. **BUSCH** Head for the mountains.



## Craddock Named Kirksville Coach

Bruce Craddock, 34-year-old assistant football coach at Northeast Missouri State University the past four years, has been selected as head football coach at the University, effective immediately.

Craddock, a 1966 graduate of NMSU, will succeed Ron Taylor, who announced in late September this would be his last season after four years at the Bulldog helm.

The new coach has served the past three campaigns as NMSU's offensive coordinator. The 1977 offense ranked third in NCAA Division II rushing and 10th in scoring. He returned to his alma mater in 1975 as offensive and defensive line coach after a three-year stint as

an assistant at the University of Vermont.

Craddock was also a Bulldog assistant in 1970 and 1971, and also directed the wrestling squad during that period.

He played on the NMSU football team between 1962-65, earning Missouri Intercollegiate Athletic Association honorable mention all-conference accolades as a senior. Craddock served as a graduate assistant for the 1966 squad.

The coach holds a B.S. degree in Education and an M.A. degree, he served in the Marine Corps as a commissioned captain with 12 months of his hitch spent in DaNang, Republic of Vietnam. During

his military career, he was the captain and most valuable offensive lineman for the Quantico Marines in 1967 and 1968.

In commenting on the appointment, University President Charles J. McClain said, "I am delighted that one of our outstanding graduates has achieved the distinction of being named head football coach of the University. I have worked with Coach Craddock for several years and I know him to be tops in every respect. He is the kind of person that I would want my grandson to play for."

"I'm extremely pleased and honored about my

appointment," commented Craddock. "I've worked for some outstanding people, who have helped me a great deal. People, such as Maurice 'Red' Wade, my head coach at Northeast, Bill Richerson, who recruited me to play here, Ken Gardner (now athletic director), who was my line coach, Russ Sloan, who gave me an opportunity to coach here in the early 1970's, Ron Taylor, whom I have served under the past four years, and my fellow coaches on the current staff, Ed Johnson and Gary Evans, as well as the graduate assistants.

"We have always received great support from the University administration and

alumni, as well as citizens of Northeast Missouri. And we will need this type of support in the future. We want to continue the fine tradition of football at NMSU."

Ken Gardner, the NMSU athletic director, said, "I'm extremely pleased with the choice. I've known Coach Craddock as a dedicated player and assistant coach, and believe he will be a dedicated head coach. He has great rapport with players, and his loyalty to this University is unsurpassed. The football program should continue to enjoy the success of the past four seasons, and improve under his leadership.

## Soccer Club Beats SMS In Season Finale

### SOCCER CLUB RELEASE

The UMR Soccer Club finished their season with a 2-1 victory. A tough Springfield squad came out gunning and pushed a goal past UMR keeper Mark Suellentrop at 14:28 in the first half. This seemed to awaken the UMR side as they came to life and began dominating play.

Rolla middle back Jim Whetsel knotted the score at 1-1 with less than 10 minutes remaining in the half. Set up by Tom Smegner, Whetsel shot a first time but the ball was blocked by a Springfield defender. He picked up the rebound and hit a first time shot into the net.

The Rolla club came out on fire in the second half and continually had the Springfield team on its heels. Steve Svatek hit a drive that caromed off the goal post and Don Anselm missed a good chance from in close. It was up to Tom Smegner to get the winner, though. A cross from the outside went into a maze of players and the ball found its way to Smegner who made no mistake from five yards out. As always, the defense of Whetsel, Dohle, Kellet and Werner, with great help from Tim Ermin, played outstanding ball, keeping the SMS side scoreless through the final 75 minutes of the contest.

Brian Grant and Pat Becker controlled midfield throughout the game setting up the UMR forwards for many good chances. A special acknowledgement should go to Mark Suellentrop. Mark played

The 78 UMR Soccer Club has something to smile about after defeating Southwest Missouri State 2-1 over the weekend to close out this semester's action. Several

his first year in goal and kept the kickers in many games with his outstanding play.

The Soccer Club would like to thank Jim Mullaly and

Anheuser Busch for all the support that was given and to the loyal fans of the UMR Soccer Club. A few spring games are scheduled and all

contests are slated for next semester so watch for notices in the Miner.

(Photo by M. Murphy)

students are urged to attend. Its a good way to spend an afternoon and the parties afterward are definitely worthwhile. Till next semester, thanks.

Watch For Our  
**WEEKEND SPECIALS**

*Larry's Ltd.*

1047 Kingshighway Rolla, Mo.  
364-8181

**Beer 7 Days**

**CUT-RATE BEER LIQUOR WINE**

(Formerly Greyhound Depot)

**12 Pks**

**KEG BEER**

Phone 364-8797 day ahead to guarantee keg orders

	1/4	1/2	1/4	1/2
Pabst	14.50	22.50	Coors	17.00 26.00
Miller	-	25.50	Busch	- 25.00
Bud	-	26.00	Michelob	- 29.00
Schlitz	15.50	24.00	Oly	- 25.00
Hamms	-	22.00	Old Milw.	14.50 22.50

**Prices Good thru Dec. 9, 1978**

**TACO ALERT!**

**3 for only \$1**

**Tacos**

**Now at Taco Tico**

1011 Kingshighway

Open 11 a.m.-10 p.m.  
Sunday thru Thursday

Friday & Saturday  
11 a.m.-Midnight

**TACO TICO**

1011 Kingshighway Rolla, Mo.  
11:00 a.m. to 12:00 p.m.  
364-5171

Always in season and seasoned to please!