



28 Oct 1966

The Missouri Miner, October 28, 1966

Follow this and additional works at: 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, October 28, 1966" (1966). *The Missouri Miner Newspaper*. 1843.
https://scholarsmine.mst.edu/missouri_miner/1843

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.

Scores Return for Homecoming

The 1966 Homecoming of the University of Missouri at Rolla, was a tremendous success like it has been in the past. Everyone worked hard preparing their decorations with the winning prize fired in their minds. The masterpieces were judged and the following winners were announced: Tau Kappa Epsilon won first, Kappa Sigma second, and Kappa Alpha third. The decorations were very impressive and showed a lot of

work had been put into them.

The football game, Saturday, with Central Missouri State of Warrensburg was a good hard fighting game. The Miners took an early lead, but were unable to hold it through the last quarter. With the suspense right up until the last few seconds of the game, the Mules beat the Miners 28-26. Before the game the traditional

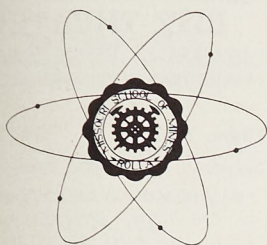
pajama race was held and the winner of this year's event were the Sigma Nu pledges. The half time ceremony was the traditional crowning of the queen. The candidates were paraded around the field in convertibles and then each candidate and her escort were announced along with the first and second runner-ups and the queen. The first runner-up was Miss Holly Alexander representing the Men's Residence Hall

Association. The second runner-up was Miss Pamela McAlpine, representing Kappa Alpha fraternity, and the 1966 homecoming queen was Miss Toni Shipley, representing Delta Sigma Phi fraternity. Chancellor Merl Baker congratulated the queen and the runner-ups and welcomed the alumni to Rolla. Chancellor Baker and Alumni President Kasten crowned the queen.

Saturday night's activities var-

ied with the different fraternities and organizations. Several fraternities had bands and extended and open invitation to all alumni and fraternities. The Student Union featured Johnny Polzin's band for the homecoming dance. The queen and candidates were presented at 11:00 at the dance.

All in all the homecoming festivities were a success and everyone seemed to have a good time.



The Missouri MINER

UNIVERSITY OF MISSOURI AT ROLLA

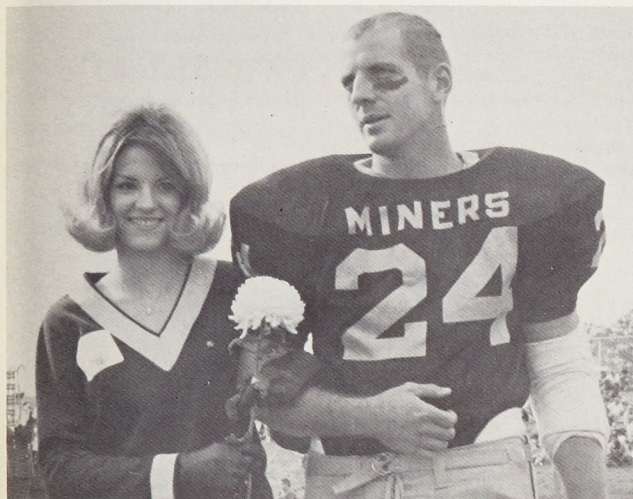


VOLUME 53

FRIDAY, OCTOBER 28, 1966, ROLLA, MISSOURI

NUMBER 7

Coronation Ceremonies Highlight Halftime Show



QUEEN TONIA

Tonia Shipley, a freshman at SMS, reigned as queen of homecoming festivities. Her escort was Cecil Taylor, starting left halfback for the Miners.

During the homecoming celebration this past week, three lovely ladies were honored by the entire UMR campus. At the halftime of the football game Saturday, the homecoming queen and the runner-ups were presented to the assembled group.

The queen, Miss Tonia Shipley, represented Delta Sigma Phi. She has her home in Sugar Creek, Missouri, and is a freshman at Southwest Missouri State, where

she is studying liberal arts. Tonia is pledging Sigma Sigma Sigma sorority. She has long been recognized for her charm and poise. At one time she was a cheerleader for the Kansas City Chiefs. Her escort was Cecil Taylor.

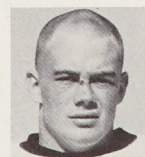
Miss Holly Alexander, representing the Men's Residence Halls Association, was first runner-up. She is a senior, majoring in education, at Illinois State University. (Continued on Page 5)

Outstanding Freshman Recognized

After judging applications submitted by the freshmen of the 1965-66 school year, Theta Tau has chosen Bob Nicodemus as the "Freshman of the Year." Theta Tau, the national professional engineering fraternity, annually picks a recipient of this award on the basis of all-around interest and activity in school functions. Points are awarded for such activities as: Social, professional and honorary organizations and offices held in each; varsity sports; intramural sports; and

overall grade point average.

Bob received credit for belonging to Phi Eta Sigma, a scholastic honorary fraternity, Alpha Phi Omega, a national service fraternity, and Delta Sigma Phi social fraternity. In addition he was a class officer in his pledge class.



Nicodemus

In the field of sports, Bob has

participated in both intramural and varsity sports. Last year he was starting fullback for the UMR varsity football squad. On the intramural level he has participated in baseball, volleyball, and track. Bob's ability in sports was also shown by his admittance into the "M" Club athletic organization.

Presently Bob is enrolled in the Mechanical Engineering Department and has compiled a 3.89 overall grade point.

Installation of Area Directors Held During Alumni Conclave

Four area directors for the UMR MSM Alumni Association were installed Oct. 22 at the annual meeting of the association held in connection with homecoming activities.

The ceremony was held at 9:30 p.m. in the Carney Manor Motel. Installed to head four areas of

the association were as follows: J. O. Ferrell, director of area number two comprising South Arkansas, North Carolina, South Carolina, Louisiana, Mississippi, Alabama, Georgia and Florida. Ferrell, a 1940 graduate of UMR with a B.S. degree in civil engineering, is chief engineer for the

Lone Star Steel Co.

O. W. Kamper was installed to direct area number three consisting of Pennsylvania, West Virginia, Ohio, West Pennsylvania, Kentucky, Tennessee and Indiana. Kamper, who is assistant to the vice president of mining, Harbison-Walker Refractories Co., was graduated from UMR in 1935 with a B.S. degree in ceramic engineering.

Installed to direct alumni activities in area number four which consists of North Illinois, the Chicago Industrial Area in Indiana, Wisconsin, Michigan, Minnesota and Ontario Canada is Frank C. Appleyard. Appleyard, who is a 1937 graduate of UMR with a B.S. degree in mining engineering, is director of mining and exploration for the U.S. Gypsum Co.

F. W. Heiser was installed to direct area number eight, comprising Idaho, Montana, North Dakota, South Dakota, Wyoming,

(Continued on Page 8)

Dean's Reception Included In Parents' Day Reception

Parents of UMR students have been invited to visit the campus for "Parents' Day," Nov. 5. Campus tours, receptions by administrators and faculty and a Rolla "Miner" football game honoring fathers of the team have been scheduled.

Registration will be held from 8:30 to 11:30 a.m. in the Student Union. Two receptions will be held in the morning at the Student Union. Parents are invited to meet the UMR deans from 8:30 to 10:15 a.m. and the chancellor, Dr. Merl Baker, from 10:15 to 11:30 a.m.

Buildings and laboratories will be open for inspection from 9 to 11:30 a.m. Students will conduct visiting guests on tours of

the University facilities.

At 1:30 p.m. the Rolla Miner football game will be kicked off against the Kirksville Bulldogs on Jackling Field, West 10th Street. Football players fathers will be honored at a pre-game ceremony.

At 5:30 p.m., the annual Parents' Day banquet will be held at the Rolla High School Cafeteria, on East 10th Street.

Two Distinguished Alumni Honored by Association

Two outstanding alumni were honored by the UMR MSM Alumni Association at the annual awards banquet held Saturday evening in the Crystal Room of the Carney Manor Motel. The ceremony was held in connection with the homecoming activities.

E. Taylor Campbell, chief of party, department of highway planning, Missouri State Highway Department, and honorary alumna Mrs. V. H. McNutt, received the awards.

The honorees received citations of merit "in recognition of outstanding service to the Missouri School of Mines and Metallurgy and more recently the University of Missouri at Rolla — service which represents loyal devotion to the program of an educational ideal and which has been render-

ed freely and unselfishly."

Campbell, who received his B.S. degree in mining engineering in 1923, is active in the association and was instrumental in establishing the alumni sections across the United States and in building the clubs in Kansas City and in St. Joseph.

Mrs. McNutt, known fondly as "Mama Mac," the wife of the late V. H. McNutt, geologist and discoverer of the potash deposits in the Carlsbad Area, is active in the promotion of the school with special interest in the departments of geology and geological engineering. She established the V. H. McNutt Foundation, the funds to be used to make the departments of geology and geological engineering among the most outstanding in the country.

Mrs. McNutt Visits With Campus Proteges

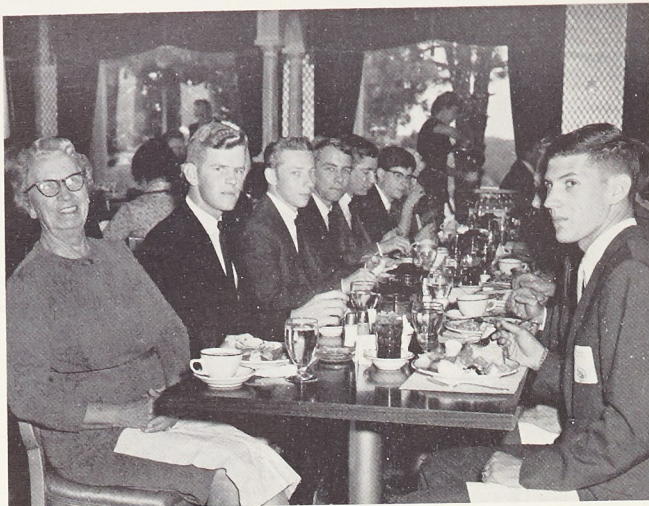
Thirteen students at UMR have a patroness who not only provides them with scholarships, and new academic opportunities in their departments, but takes a personal interest in them.

Mrs. V. H. McNutt of Gallagher Ranch, San Antonio, Tex., provides for the ten V. H. McNutt and three Robert Emmett Dye Scholarships on the UMR campus. But almost as important as her scholarships is her friendship which the students value highly. Recently, during one of her frequent visits to UMR, Mrs. McNutt entertained her scholarship recipients with an annual luncheon just for them, no faculty members allowed. And each time she visits UMR, she tries to take time to chat with them and encourage them in their professions, geology or geological engineering, fields with which she is quite familiar. When her scholarship recipients come to call at the fabulous 10,000 acre Gallagher Ranch which she owns, they are royally entertained.

The wife of the late V. H. McNutt, geologist and discoverer of the potash deposits in the Carlsbad area, Mrs. McNutt, fondly called Mama Mac, not on-

ly runs her ranch, but takes an active interest in UMR. Here, her late husband received B.S., A.M. and E.M. degrees and or-

departments of geology and geological engineering as beneficiary of the \$1,000,000 V. H. McNutt Foundation, the income from



PROTEGES' LUNCHEON

Mrs. McNutt at luncheon with the thirteen UMR recipients of the V. H. McNutt and R. E. Dye scholarships.

ganized the first course in petroleum geology taught in any school west of the Alleghenies. In his memory, she has named the UMR

which is to be used to broaden professional and research activities of the staff and assist the student body in the department.

Director of Mining Bureau Speaks To Faculty and Members of AIME

The inevitable expansion of mineral production in the United States was discussed last week by Dr. Walter Hibbard, national director of the United States Bureau of Mines, Washington, D.C., and president-elect of the American Institute of Mining, Metallurgical and Petroleum Engineers.

Dr. Hibbard spoke to about 150 students, faculty and guests at UMR. The session was sponsored by the student chapter of the American Institute of Mining, Metallurgical and Petroleum Engineers and the Southeast Missouri sub-section of AIME. A dinner for the organization preceded the meeting.

"With the expansion of civilization," Dr. Hibbard said, "more mining, metallurgical, petroleum and ceramic engineers will be needed in the mineral industry for research design and production."

Minimum standards for a reasonable civilization would require

five pounds of copper; five pounds of aluminum; five pounds of lead and zinc and 60 pounds of steel per person in a world populated by about four billion people.

He stressed the importance of the Bureau of Mines to the whole mineral industry and cited the Bureau in Rolla and its close cooperation with UMR. "There will be an even greater need for close cooperation between schools and the mineral industry," he

said, "and this cooperation will be exemplified in the future by an even closer association of the Bureau at Rolla with UMR."

One of the world's leading metallurgists, Dr. Hibbard has served as manager of the metallurgy and ceramics research of the General Electric Research and Development Center in Schenectady, N.Y. and associate professor of the Yale University School of Engineering. In 1957, he was a mem-

(Continued on Page 8)

Wesley Foundation To Show Film on Growth of America

In preparation for the *All Campus Institute on Moral Implications of the Technological Revolution*, which is to be held at UMR on November 12-13, a film entitled *America - The Edge of Abundance*, will be shown at the Wesley Foundation, 804 Main Street, on Wednesday, November 2 at 6:00.

The film explores the far reaching economic and social consequences of the automated and computer-oriented society in the U.S. as viewed by British television. It traces America's growth from an agricultural base to a manufacturing society.

Everyone is welcome and encouraged to attend.

Recipients of the V. H. McNutt Scholarships for the 1966-67 school year are as follows: Miss Gail Davidge, the first woman to hold a McNutt Scholarship; James R. Dexter; Edward C. Gentzler; Robert F. Kehrman; Bruce B. Strang; Thomas L. Sundermeyer; Terry Lee Jennings and William Wedge. Graduate recipients of the scholarships are: Dennis O. Leary and Hasan El-Etr.

Recipients of the Robert Emmett Dye Scholarship are as follows: Larry B. Childress, Richard Ash and Peter Silkworth.

Miners Will Again Stage Traditional Outhouse Burning

This year, as in past years, the Miners will demonstrate their spirit by an enthusiastic participation in the Halloween assembly at the corner of 11th and State Streets.

The point of interest will be the Chancellor's house. On Oct. 31, Monday, at 9:00 p.m. the student body will undoubtedly burn another out-house and it will give the Miner's an opportunity to express their enthusiasm as a group. Kappa Sigma will provide the out-house which has become the old standard for identifying Halloween night at U.M.R. Student participation will be expected and encouraged so as to make this Halloween equally successful.

UPTOWN THEATRE

MOVIES IN CINEMASCOPE

Starts Thursday Oct. 27-Nov. 1

Sunday Feature

12:45, 2:50, 4:55, 7:00, 9:10

'Alvarez Kelly'

William Holden & Richard Widmark

Starts Wednesday Nov. 2

'Fantastic Voyage'

Stephen Boyd & Edmond O'Brien

RITZ THEATRE

MOVIES IN WIDE SCREEN

Thurs., Fri., Sat. Oct. 27-29

Saturday Continuous from 1 p.m.

ACADEMY AWARD WINNER

BEST ACTOR

'Cat Ballou'

Lee Marvin & Jane Fonda

Sun., Mon. Oct. 30-31

Sunday Continuous from 1 p.m.

'Do Not Disturb'

Doris Day & Rod Taylor

Tues., Wed., Thurs. Nov. 1-3

Admission: Adults 75c

'A Thousand Clowns'

Jason Robards & Barbara Harris

One HOUR
"MARTINIZING"
CERTIFIED
THE MOST IN DRY CLEANING

As advertised in Life, Holiday, Glamour, Business Weekly, Esquire Magazines, and ABC Television and Radio.

ONE HOUR DRY CLEANING DAILY FROM 8 A.M. - 3 P.M.
INCLUDING SATURDAY

LAUNDRY SERVICE - EXPERT ALTERATIONS

121 West 8th St.

Telephone 364-6063

95%

Will Not Make it

The Keystone College Plan Will Put You in the

TOP 5%

No War Clause

SPECIAL STUDENT FINANCING

TOMORROWS INSURANCE PROGRAM TODAY

Special Guaranteed Insurability Options

Dedicated for Service to Our Policyholders

Over 200 Policyowners in Phelps County

FRONTIER TOWER LIFE INS. CO.

ROLLA COLLEGE AGENCY - PH. 364-6573

Bob Morrow - District Manager

MIDGET MART

Convenience Store

U. S. 63 & Vichy Road

SHELL STATION & WATER TANKS

GROCERIES • 5% BEER • COLD CUTS

DRUGS • SODAS • SUNDRIES

OPEN 7 A.M. - 11 P.M.
7 Days a Week

PHONE 364-4783

New Official UMR Class Rings

BY L. G. BALFOUR CO.

BULOVA ACCUTRON

DIAMONDS and ENGRAVING
WATCH REPAIRING

Christopher Jewelers

805 Pine Street

New UMR IBM 360 Data System Boosts Computer Curriculum

UMR has just made an addition to its already well equipped computer center. In 1964 it was evident that the 1620 system would be outgrown by 1967. With assurance of the financial help of a state grant and funds from the National Science Foundation, studies which brought about the decision to improve the computer system were made by the staff of the computer center.

New Equipment

In mid-September students and faculty in the vicinity of Harris Hall saw the arrival of the new IBM 360 digital computer. The 360 is replacing one of the two IBM 1620's formerly in use. The system is being leased until the summer of 1967 when it will be replaced by an IBM 360 Model 50 — a computer with twice the storage space and three times the speed of the present Model 40.

The university was formerly in possession of two IBM 1620's, each with a core storage of 60,000 positions and four million digits of random access storage. The old system also included two 500 card-per-minute card readers, two

250 card-per-minute card punchers, a high speed printer, and a Calcomp Model 566 high speed incremental plotter.

Present System

Present equipment includes the IBM 1620 we retained, and the new 360 with 131,000 bytes (eight-bit words) of core storage, 58 million digits of random access storage, a 1,000 card-per-minute reader, a 300 card-per-minute card puncher, and a new high-speed line printer capable of printing 1100 lines of output per minute. We also retained a 240 line-per-minute line printer, the Calcomp plotter, and the card tabulating equipment. The card tabulating equipment in our possession includes the IBM card punch machines, a sorter, a verifier, a reproducing punch, a collator, and an interpreter.

Replacement of the card punch machines was made necessary by the choice of a new computer system. We now have a total of eleven of these machines, four of which are available for student use. With the workload practically doubling each semester, five more card punch machines are expected by spring.

Future Plans

When asked for his opinions on the new system, Ralph E. Lee, Director of the Computer Science Center, said that it was quite a step forward, but predicted an even greater one in the near future. In January the university is receiving its first two communications terminals with visual display stations and typewriter input-output. These terminals make the use of the computer system available by remote control to persons located outside of Harris Hall. The visual display station is similar to an oscilloscope or TV screen and will be capable of the visual display of 960 characters, the amount carried on twelve IBM cards.

The total number of terminals will be brought up to six during the summer of 1967. Professor Lee foresees the arrival of perhaps thirty more terminals within a few years. Spread out among the engineering and mathematics buildings, offices and research laboratories, the communications terminals will greatly facilitate the use of the university's extensive computer system.

UMR Council Appropriates \$2975 to Student Groups

This past week the UMR Student Council under the leadership of its president, Bernie Schweigert, conducted its first major business of the year by making its fall appropriations to a number of worthy UMR organizations in need of financial assistance.

At its regular meeting held on Tuesday, October 25, the Council appropriated a total of \$2,975 after hearing from a representative of each organization and after considerable discussion. In addition, \$90 was appropriated from the Council's campus betterment fund for campus improvements.

Among the many appropriations were: \$100 to the St. Pat's Board for homecoming trophies; \$400 to the UMR cheerleaders for use in purchasing of indoor outfits and other equipment; \$1,000 to aid in the activities of the Rugby Club; \$375 to the UMR band to pay the expenses of a trip to

Cape Girardeau this weekend; \$150 to the UMR radio club for improvements; \$50 maximum to the UMR karate club to aid its firm establishment; \$500 to the Pershing Rifles for transportation and other expenses; and \$400 to the UMR Forensic Society to continue in their fine work in promoting the school in the area of debate.

The Student Council hopes that these funds will be used in the best possible ways in order to promote the general enjoyment and well being of the students.

NOTICE!

Applications for Who's Who in American Colleges and Universities are available at the Student Union Candy Counter and must be returned by Monday October 31st.

NOTICE!

Blue Key application blanks are now available at the Candy Counter of the Student Union. Deadline for filing is Nov. 1, 1966.

The new system is twenty-five times as fast as our old one, and it has the advantage of greatly increased storage space. The change was necessitated by an increase in enrollment in Computer Science courses, more and longer research problems, and increased use of the computer by UMR undergraduates in all fields of engineering. There are also eleven more Computer Science courses this year than last year.

Want a Good Place to Eat?

TRY

Whitey's Restaurant

Located on Highway 63 North at the Crescent

FEATURING FINE FOODS

Open 7 Days a Week — 5:30 A. M. to 10 P. M. Sun. Thru Thurs.
Open 5:30 A. M. to 11 P. M. Friday and Saturday

WE'VE GOT THE

"N"

CAR
FOR
YOU.

1967 BUICK.

OVERHOFF BUICK CO.

4th & Elm Streets

Rolla, Mo.

ENGINEERS

Natural Gas Pipeline Company—one of America's largest transmission firms—has positions for engineers at its Chicago office headquarters and at field locations in Illinois, Iowa, Kansas, Nebraska, Oklahoma, Arkansas, Missouri, and Texas.

NGPL transmits natural gas from producing fields to distributor-customers in the Midwest. The Company serves, directly or indirectly, more than nine million persons—five per cent of the U.S. population—with natural gas.

FOR FURTHER INFORMATION
ABOUT CAREERS WITH



SEE:



Chuck Rupe, Supervisor of Training

On October 31, 1966

Holiday Inn, Rolla

NATURAL GAS PIPELINE COMPANY OF AMERICA



Miner Editorials, Letters, and Features



OUR MAN HOPPE

BY ARTHUR HOPPE

"What this country needs is one honest, decent, courageous newspaper," said the Kindly Old Philosopher, "that'll keep the President happy."

I said I took it he was referring to Mr. Johnson's remark that "newspapers don't always publish what I think they should publish."

"And he's right, son, it's a grave problem," said the Kindly Old Philosopher, shaking his kindly old head. "Course, the problem is he's been reading the wrong papers. He ought to read mine."

I said I didn't know the Kindly Old Philosopher was a newspaper publisher.

"I just entered the field, son," he said, "to do my civic duty and fill the Nation's need. My first edition's hot off the presses. Have a copy."

I said I liked the simple, pithy name, "Good News." But I did question the accuracy of the headlines: "EVERYBODY LOVES LBJ!"

* * * * *

The Kindly Old Philosopher was offended. "It's honest journalism, son," he said. "Now you read down past all those quotes about folks sleeping better nights and him having extra glands and it says plainly we're referring to everybody in the White House. Now I ask you, who knows him best?"

Well, maybe, and the paper certainly had an interesting and unusual picture page.

"Yep," he said proudly, "all of them different. Now in this he's looking fearless and in this one he's folksy and in this one he's. . ."

But what, I said, about the issues of the day? Like Vietnam?

"We don't cut and run from that. Now here's an interview with an average, typical man on the street in Vietnam who says what a great war we got going out there."

General Westmoreland is a man on the street?

"We caught him leaving the Officers' Club. And here's a warm human interest story about a mom in Dubuque who says how proud and happy she is to have her son being shot at over there. You can always count on some mom somewhere."

How about domestic issues, like the state of the economy?

"We fearlessly cover that, too. Here's a hard-hitting interview with an experienced authority or unemployment who says tight money, higher taxes and credit controls don't worry him a whit. 'Not,' he says, 'as long as that there welfare check keeps comin' in.'"

But did Good News contain nothing but good news?

"Nosireebob," he said indignantly. "What kind of balanced journalism would that be? Here's a whole page devoted to bad things that happened to folks. See, here's a sad story about Bobby Kennedy and one on Teddy and one on de Gaulle and. . ."

* * * * *

Well, frankly, I said, it was a terrible newspaper, it would never sell and I couldn't see what he hoped to gain by putting out such distorted, biased, misleading news.

"Shake hands," said the Kindly Old Philosopher, extending his kindly old palm, "with the next White House press secretary."

Homecoming Coronation

(Continued From Page 1)

sity. She has been active on her own campus where she is a member of the Student Senate, Social Council, Orchestras, and Kappa Delta Epsilon Honorary Educational Sorority. She was also a member of the Illinois State University Homecoming Court and a finalist in the Miss Illinois Pageant. Mike Keller, a senior in Chemical Engineering, was her escort.

The second runner-up was Pam McAlpine, representing Kappa Alpha. Pam, a sophomore at Drury College in Springfield, Missouri, is majoring in French. She is a member of Pi Beta Phi sorority where she served as assistant scholarship chairman and worked on the Executive Council. She is also a member of the Student National Education Association, the French Club, and Alpha Lambda Delta honorary sorority, and she

is also on the Dean's list. She was a 1966 Sou'wester Queen Attendant at Drury. She was escorted by Gary Burks.

MINER



THE MISSOURI MINER is the official publication of the students of the University of Missouri at Rolla. It is published at Rolla, Mo., every Friday during the school year. Entered as second class matter February 8, 1945, at the Post Office at Rolla, Mo., under the Act of March 3, 1879.



The subscription is \$1.25 per semester. This Missouri Miner features activities of the Students and Faculty of U. M. R.

Editor-in-Chief Don Flugrad
706 B. E. 12th - 364-6423
Business Manager Charles Hansen
500 W. 8th Street - 364-9993
Managing Editor Darrell Pepper
Make Up Editor Frank Fix
Copy Editor Bob Mildestein
Secretary Charles Painter
Features Editor Ray Behrens
Advertising Manager Tom Sauer
Circulation Manager Jerry Adams
Ass't Managing Editor Steve Tacke
Ass't Make up Editor Bob Fick
Sports Editor Jim Weinel
Proofreader Gary Burks

New Fieldhouse Paragon of Luxury And Usefulness

An important part of the University's expansion plans is the new, multipurpose athletic building. Professor Gale Bullman, head of the athletic department, stated that the new fieldhouse will be located at Tenth and Bishop, just north of the tennis courts. Although its primary purpose is for physical education, the building itself also will be used for indoor intramural and intercollegiate athletics.

Among the many features of the multipurpose building is an Olympic size swimming pool with an adjoining diving area. Also included are separate gymnastic areas, handball courts, and weight rooms. The physical education facilities will be co-educational with a gymnasium and dressing facilities for women's physical education. All locker, shower, and training rooms will be modern and spacious. Another comfortable feature is air-conditioned classrooms.

The fieldhouse, as yet nameless, will cover approximately one hundred thousand square feet. Space will be saved inside with metal stands that fold back to the wall.

The whole project will cost about two and one half million dollars. The legislature of the state of Missouri has appropriated most of the money, though additional funds may be available.

The Week Before 'The Week'

Recently Student Council representatives have polled their respective constituencies concerning the quizzes held during the week before finals last semester. Of those Miners asked, nearly all indicated they had taken at least one quiz during the period, and many of these said they had two, three and even more hour tests — all at a time when they should have been reviewing for the final exams.

One student had to face as many as seven such quizzes.

Instructors teaching lab courses might justifiably feel that they must give their finals during the week before finals, since no time is scheduled for their courses during the regular examination week. Last minute quizzes given in courses for which final time is allotted, though, might be considerably harder to justify. An extreme example of this occurred last semester when the Physics Department gave an hour quiz in their two basic courses on the day before the final exams were given.

This problem of final exams should be seriously considered by the faculty and student body alike. Does the present policy further the objectives of education? Is it a just way of measuring a student's knowledge and understanding of a subject . . . or are we trying to see who will be the first to fall from nervous tension and mental fatigue?

LITTLE MAN ON CAMPUS



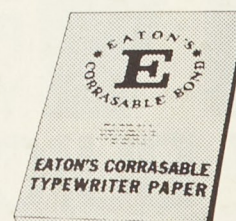
"WELL, TO START ON A BRIGHTER NOTE, MISS COLLINS, YOU CERTAINLY DID PASS YOUR STUDENT PHYSICAL."

DON'T

fight it.

Get Eaton's Corrasable Bond Typewriter Paper.

Mistakes don't show. A mis-key completely disappears from the special surface. An ordinary pencil eraser lets you erase without a trace. So why use ordinary paper? Eaton's Corrasable is available in light, medium, heavy weights and Onion Skin. In 100-sheet packets and 500-sheet ream boxes. At Stationery Departments.



Only Eaton makes Corrasable.®

EATON PAPER CORPORATION, PITTSFIELD, MASSACHUSETTS

Diehl Montgomery, Inc.

ROLLA, MISSOURI

FORD — LINCOLN — MERCURY — T-BIRD — CONTINENTAL

DRIVE YOUR NEW CAR BEFORE YOU GRADUATE!

See Us for Your Special Student Pay Plan

on New or Used Cars.

Payments Tailored While You Are in School and Out.

Forum Committee Anticipates Monthly Series of Lectures

Prior to three years ago, UMR students had no real planned, organized means of intellectual stimulation or sounding-board here their opinions on great and pertinent issues could be expressed and intelligently criticized other than what happened to be offered in the classroom. At this time, a group of nine UMR professors who recognized the importance and value of such discussion sessions on a college campus were distressed at our school's dire and urgent need of these sessions and took it upon themselves to furnish UMR students an effective intellectual stimulus and an outlet for their opinions on provocative subjects. Thus, from

the initiative of these interested faculty members who donated their time and money evolved what is now known as UMR's "Friday Night Forum."

Forums are held for all interested persons on a Friday evening approximately once each month and usually feature a free speaker or lecturer on some provocative or controversial topic, which has in the past included civil rights, the NAACP, the Watts riot, the Supreme Court, and the Poverty Program. Following the guest speaker's presentation is an interesting discussion, question-and-answer period, in which the topic at times is heatedly debated, since both the left and right wings

of the political spectrum are usually well represented in the average assemblage of fifty.

This year, with a larger budget than previous yearly outlays and the added financial support of the Intercollegiate Knights, the "Forums" prove to be even livelier than ever before. The probable date of the first "Friday Night Forum" is set for November 4, 1966, with the subject being "Black Power." The topics tentatively scheduled for this year also include, the discussion of the civil rights of college students, hallucinatory drugs, Southeast Asia, and Man's problem of coping with his technological world.

The "Forums" have attracted approximately 1,000 persons yearly, showing that there indeed is need of such a campus activity. With its purpose as intellectually arousing UMR students, then, "Friday Night Forums" have certainly been successful.

Coaching Staff Honored During Alumni Reception

Alumni, faculty and friends of the University of Missouri at Rolla were invited by Chancellor and Mrs. Merl Baker to a post-game reception Saturday at the Student Union Ballroom.

One of several Homecoming events, the reception was held especially to honor Coach and Mrs. Dewey Allgood and Athletic Director and Mrs. Gale Bullman. Also in the receiving line was the Bakers, Ray Kasten, president of the Alumni Association, Mrs. Kasten, and Francis C. (Ike) Edwards, executive secretary of

the Alumni Association.

Presiding at the refreshment table was Mrs. Rodney Schaefer, wife of the chairman of the UMR athletic committee, and Mrs. Floyd Wills, whose husband is president of the Miners' Booster Club. They were assisted by wives of married Miner football players: Mrs. Eugene Ricker, Mrs. Art Verdi, Mrs. Ralph Ozorkiewicz, and Mrs. William Henehan.

NOTICE!

The Student Union movie will be "Operation Petticoat" and will be shown at 2:30, 5:00 and 7:30 p.m. Also the Student Union Chess Tournament starts October 31. All interested please sign up.

NOTICE!

Chi Epsilon will provide help sessions in course work. Civil Engineering freshmen and sophomores. See C. E. bulletin board for times and rooms.

TKE Takes Display Award



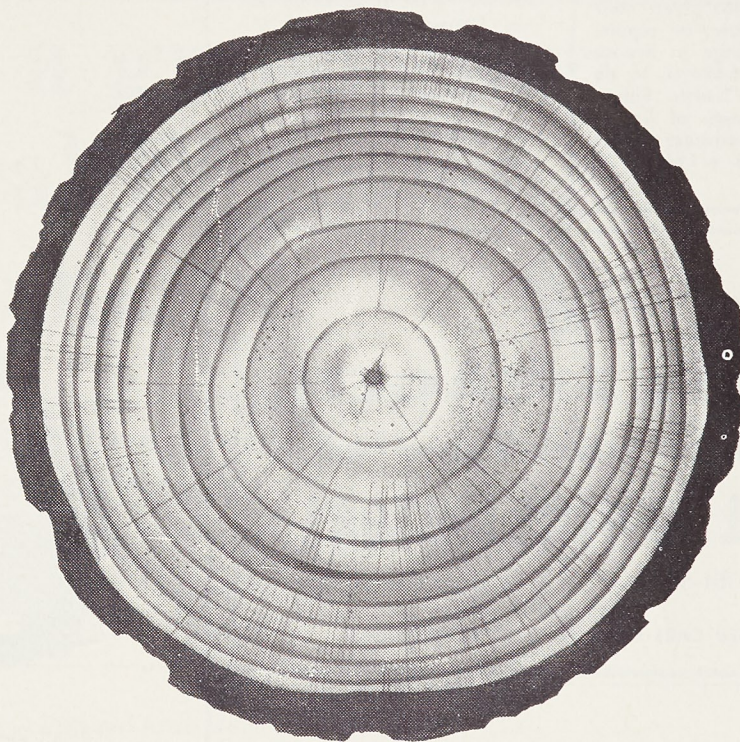
TKE'S RIPEM UP

Joe Miner activates the controls to send the Central Mule into Tau Kappa Epsilon's rip saw. The IFC officially awarded TKE first place for this ingenious homecoming display. Kappa Sigma took second place with their "Jolt the Mules" theme, and Kappa Alpha took third with their glue factory scene.

\$\$\$ SAVE \$\$\$
WE SELL TO EVERYBODY WHOLESALE
 Open 8 to 8 Monday thru Saturday — 9 to 1 on Sunday
HOOK AUTO SUPPLY
 PHONE 364-5252

BAXTER'S
CUT RATE LIQUOR
 LIQUOR — WINE — BEER
 CHAMPAGNE
 Special Prices on Case Buying!
 Telephone 364-2004
 Highway 63 East Rolla, Missouri

4,500 MINERS
Can't Be Wrong
THEY SAY WE HAVE THE BEST FOOD IN ROLLA!
 * * * * *
STUDENT SPECIALS EVERY SUNDAY
 1/2 Pan Fried Chicken \$1.35
 with French Fries and Cole Slaw
 Spaghetti With Meat Sauce \$1.10
EL CHAREVE HICKORY HOUSE
 Hiway 63 South 364-9900



Like trees, most companies show their age.
So how does a growing company keep young?

With people. Skilled and trained.
 Imaginative and motivated.
 The best people we can get.
 People who want to make Westvaco the best name in paper.
 Who want to make Westvaco the best company to do business with.
 That's one way to do it.
 Come to think of it, it's about the only way.

INTERVIEWING ON CAMPUS:
TUESDAY, NOVEMBER 1, 1966



West Virginia
Pulp and Paper

Want to grow with Westvaco? With over 20 locations to choose from and openings for engineers, scientists, business and liberal arts majors, we've probably got the career combination you want. See your placement officer for details, or write West Virginia Pulp and Paper, 230 Park Avenue, New York, New York 10017.

Hoffman-Taff Uses UMR's Unit Operations Lab

Trying out different methods of drying for the manufacture of a pharmaceutical chemical, representatives of Hoffman-Taff, Inc., Springfield, used the unit operation laboratory of the chemical engineering department to study the effect of spray drying for the manufacture of their product.

An international manufacturer of bulk vitamins and other pharmaceutical and fine chemical products, the firm has plants in Springfield and Verona, Missouri, and in Milan, Italy.

Representing the company on the campus were James Poarch, development Engineer and UMR graduate; Roderick Friedhofen, development chemist, and James Stiles, development unit operator.

NOTICE!

The Traffic Safety Committee reminds students, who have not given their license number, or reported any change in license number or address, to do so at the Traffic Safety Office. Change of license number or address should be reported within 24 hours.

Petroleum Honor Fraternity Chartered on UMR Campus

The Missouri Alpha Chapter of the Pi Epsilon Tau Fraternity is being initially chartered on the UMR campus Friday October 28, with the local initiation of 9 honor petroleum students and 2 honorary faculty members. The initiates include: T. K. Ghen, J. R. Ghole, J. P. Govier, D. L. Keith, J. R. Knepler, D. W. McCaw, N. W. Nuss, A. J. Nute, C. D. Owens, G. E. Vaughn, and T. C. Wilson.

Twelve student members and guest faculty of Pi Epsilon Tau at Tulsa University and Texas University will be present at this meeting to perform the charter initiation of the local chapter and new members. The guest speakers for the evening will be Dr. Kermit E. Brown, Head of the Petroleum, Engineering Department at Tulsa University; Dr. Don Hellander, Director of the Information Services Department at Tulsa University; and Dr. Ken Gray, Chairman of the Petroleum Engineering Department at Texas University. Following the fraternity meeting the new members and their guests will attend a banquet at the Student Union.

This Pi Epsilon Tau chapter at UMR is the 13th and newest chapter of the nationwide Honorary Scholastic Petroleum Fraternity. The fraternity honors scholastic accomplishments, leadership, and sociability. Its main objectives are to foster a closer bond between its members and the petroleum industry and to maintain the high ideals and standards of the engineering profession.

Charter officers for the 1966-67 academic year include: Norm Nuss, President; John Knepler, Executive Vice-President; David Owens, 2nd Vice-President; Bill McCaw, Secretary-Treasurer; Dick Keith, Corresponding Secretary.

Phi Kappa Theta Elects Officers

Phi Kappa Theta national fraternity at UMR has recently elected its new officers for the 1966-67 school year. They are Bernard E. Schweigert, president; James L. Braun, executive council; Tony Lexa, executive council; Mike Evans, executive council; Tom Mertens, vice president; Frank Fix, secretary; Michael J. Connell, steward; Robert W. Roos, Jr., treasurer; Robert J. Weiss, pledgemaster; Gordon J. Schade, financial secretary; Frederick J. Rocchi, Jr., sergeant-at-arms; Bob Mildenstein, chapter editor; Bod Morfeld, social chairman; Clem Drag, Jr., rush chairman; David W. Ihler, historian; Stephen J. Kaiser, assistant treasurer; Jim Bensko, alumni secretary; and Walter Joseph Gregory, assistant steward.

Alpha Phi Alpha Names Officers And Fall Pledges

The brothers of Alpha Phi Alpha social fraternity have elected the following officers for the 1966-67 school year: President, Robert Coleman; Vice President, Maurice Murray; Recording Secretary, Howard Manning; Treasurer, John Abrams; House Steward, Henry Brown; Assistant Steward, John H. Jackson; Dean of Pledges, Eugene Jackson.

They have pledged eight students of U.M.R. for the fall semester: Loyal Denton, Dwight Ramsey, Ronald Johnson, Reginald Marsh, Frank Winfield, Fred White, Robert Hishaw, and Robert Davis.



VOLKSWAGEN Sales and Service BILL SOWERS MOTORS

Phone 364-5178 Hwy. 66 E. in Northwye

"USED CARS HWY. 66 W. BY BIEDERMAN'S"

FOR MAN-SIZE PLEASURE

THIS IS THE ONE



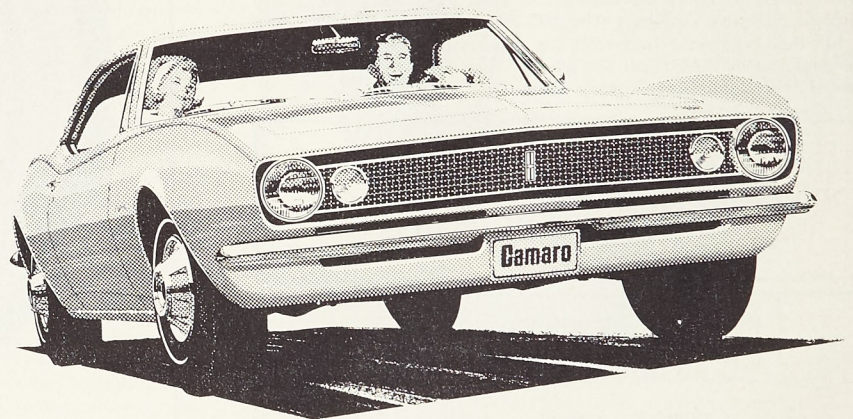
In handy no-deposit, no-return glass cans

FALSTAFF

Distributed by
MUELLER DISTRIBUTING CO.
217 W. 6th St. Rolla, Mo.



This is Camaro, buckets and all.



Camaro Sport Coupe with style trim group you can add.

All standard—Strato-bucket seats. Carpeting. Rich vinyl upholstery. A 140-hp Six or a big-car V8 (210 hp!), depending on model. New safety features like dual master cylinder brake system with warning light.

Whatever else you want, ask for!

Camaro Rally Sport—Pull the switch "on" and headlights appear at each end of the full-width grille. You also get special exterior trim and RS emblems. Then order the Custom Interior, something else again.

Camaro SS 350—Besides Camaro's biggest V8 (295 hp!), SS 350 comes with a scoop-styled hood, bold striping around grille, big, fat red stripe tires. Add Rally Sport equipment, too. Camaro's your idea of a car!

Command Performance
CHEVROLET Camaro
the Chevrolet you've been waiting for

Everything new that could happen...happened! Now at your Chevrolet dealer's!

Dr. Scott Travels to Portugal, Attends International Congress

Dr. J. J. Scott, professor of mining engineering at UMR, returned recently from Lisbon, Portugal, where he attended the First Congress of the International Society of Rock Mechanics.

While he was abroad, Dr. Scott also spent several days in London, where he visited Imperial College, Royal School of Mines, toured research facilities and visited with professors of rock mechanics stud-

ies in English schools of mining in the London area.

Over 800 scientists and engineers from 42 countries attended the Lisbon conference which was arranged by the National Civil Engineering Laboratory, University of Portugal, Lisbon.

About 450 papers were presented covering all phases of civil, geological and mining engineering problems in foundation work and

subsurface structures. Eight themes were discussed: "Exploration of Rock Masses"; "Description of Rocks and Rock Masses with a View of their Physical and Mechanical Behavior"; "Properties of Rocks and Rock Masses"; "Residual Stresses in Rock Masses"; "Comminution"; "Natural and Excavated Slopes"; "Underground Excavations and Deep Borings"; and "Behavior of Rock Masses as Structural Foundations."

Included on the program of tours and excursions was a visit to the National Civil Engineering Laboratory where over 700 researchers work on basic rock mechanics and civil engineering problems.

The International Society of Rock Mechanics was established in 1962. The next Congress will be held in Yugoslavia within the next four years.

Research Grant Awarded To Study Gold Deposits

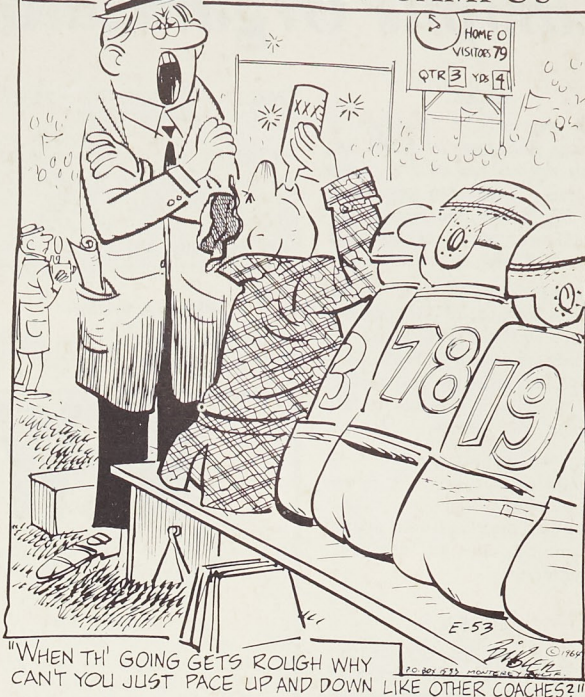
UMR has received a \$22,600 grant from the National Science Foundation for research in facilitating the detection of gold deposits.

The work entitled "Spatial Distribution of Trace Elements in Igneous Bodies Associated with Hydrothermal Gold Deposits," is under the direction of Dr. Ernst Bolter, assistant professor of geology. Associate investigator is Dr. Erwin J. Mantei, assistant professor, department of science, Southwest Missouri State College,

Springfield.

Funds from the grant will match a University allocation to meet the expense of the research which will be in effect until Aug. 14, 1968.

LITTLE MAN ON CAMPUS



Alumni Announce Area Directors

(Continued From Page 1)

Colorado, Nevada, Utah, and the Canadian provinces of Manitoba, Saskatchewan, and Alberta. Heiser, a 1939 graduate of UMR with a B. S. degree in mining engineering, is vice president of the Colorado Oil Co.

National officers of the association are as follows: President, Raymond O. Kasten, manager of wire and wire rope production engineering and development, ARMC Steel Corp; vice president, James J. Murphy, president of Murphy Co., Mechanical Contractors and Engineers, St. Louis and vice president, Plastic Industries, Inc., Los Angeles, Calif.; vice presidents, J. Craig Ellis, sales engineer, Maxon Premix Burner Co., Westfield, N.J.; Joseph W. Mooney, representative, New York Life Insurance Co., and William B. Fletcher, Industrial Systems, Inc., South Gate Calif.; treasurer-secretary, Dr. Thomas Beveridge, chairman of the UMR departments of geology and geological engineering.

Sigma Pi Honored For Improvement

Alpha Iota chapter of Sigma Pi fraternity at UMR has received the Grand Sage's award for the most improved chapter in the nation.

The award was based on performance over the previous two year period, and was presented at the 28th Biennial National Convocation of Sigma Pi held in Washington, D.C., in August.

Should a graduating Chemical Engineer be a "joiner"?

Yes. Providing he joins a company which is young and dynamically growing...and yet, at the same time, already an established leader in its field.

Mobay Chemical Company is just such a company. And its representatives will be on your campus in your Placement Office for talks with you on

Principal Areas of Interest Include:

CHEMICAL ENGINEERS

PROCESS ENGINEER

Conduct economic and process studies in existing production units; based on the results of these studies and/or operations request, recommend and facilitate any needed process changes; assist in start up of new process equipment. (Location: New Martinsville, West Virginia)

APPLICATIONS RESEARCH

Personality suited for dealing with customers in the area of cellular and non-cellular urethanes, polyesters and elastomers. (Location: Pittsburgh, Pennsylvania)

PROJECT ENGINEERS

Responsible for the engineering design of capital additions as assigned; provide equipment specifications required to carry out procurement and mechanical design of assigned facilities, prepare engineering and economic analysis;

maintain cost control of assigned projects and to carry out special assignments for the manager of project design. (Location: Pittsburgh, Pennsylvania)

CHEMISTS

Will perform applications research work in the department of coatings, foam applications, isocyanates and elastomer processes. These positions also entail customer service in close cooperation with marketing department. (Location: Pittsburgh, Pennsylvania)

ELECTRICAL ENGINEERS

Design of industrial plant, electrical power distribution systems, controls circuits and lighting systems; establish electrical maintenance schedules and procedures on all electrical equipment; conduct load surveys on existing power distribution systems. (Location: New Martinsville, West Virginia)

MECHANICAL ENGINEERS

MECHANICAL ENGINEER

Have aptitude for working with small scale precision machinery such as is encountered in the rubber and plastics industry as distinguished from the larger scale equipment as used in the steel industry; must desire to work with customers. This job is in the applications research section. (Location: Pittsburgh, Pennsylvania)

SALES

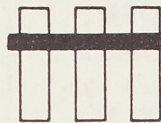
SALES REPRESENTATIVES

Any type of engineering degree if person is interested in industrial sales; develops and maintains optimum sales for performance through direct field contact with potential and established customers as directed by a District Manager. (Approximately one year training program in Pittsburgh before entering field.)

Urethane Chemistry's Unlimited Potential:

Allied with two of the world's most progressive chemical companies (Monsanto, third largest in the U.S., and Bayer, largest in West Germany), MOBAY has rapidly grown to a first position of leadership

and prestige in urethane chemistry...a vast area of unlimited potential...one which has already importantly affected nearly every major area of product manufacture...one where careers move ahead with dynamic growth.



Leadership in Urethane Chemistry

MOBAY CHEMICAL COMPANY

Pittsburgh, Pa. and New Martinsville, W. Va.

An Equal Opportunity Employer

Campus Organizations Select Fall Semester Officers

AICHE

The American Institute of Chemical Engineers at UMR has recently elected new officers. They are James J. Beeson, president; James W. Moore, secretary; Dennis R. Hanlon, vice-president; and Michael L. Keller, treasurer.

The student chapter of the American Institute of Chemical Engineers, a national professional society, helps students to begin their professional activities and associations which are valuable to the practicing professional engineer.

The student chapter, one of over 100 in the country, sponsors a number of activities, including regular meetings with speakers from the chemical engineering profession.

CIRCLE K

Circle K service organization at UMR has recently elected its new officers for the 1966 fall semester. They are James R. Sowers, president; William Keith Wedge, vice president; James J. Beeson, secretary; John C. Mor-

risey, Jr., treasurer; and Ralph E. Prinz, Jr., pledge trainer.

Circle K is a service organization for college men sponsored by the Kiwanis Club of Rolla. The membership is limited, and consists of male students of good character and scholastic standing.

PHI ETA SIGMA

Officers for Phi Eta Sigma have recently been elected at

UMR. They are as follows: Jerry K. Fuller, president; Robert J. Livengood, corresponding secretary; Daniel H. Kruvand, vice-president; Steven Ban, secretary; Allen L. Townsend, treasurer and Robert Nicodemus, historian.

Phi Eta Sigma recognizes outstanding scholastic achievements of freshmen students at the nation's colleges and universities. Requirements for membership in-

clude the earning of at least a 3.5 grade point average out of a possible 4.0 and no grades lower than a "B".

IEEE

Al Donaldson has been elected president of the Institute of Electrical and Electronics Engineers for the fall semester. Assisting him are Randy King, vice president; Mike Gossett, secretary;

and Lyndel Helmkamp, treasurer.

The purpose of the Institute of Electrical and Electronic Engineers is to aid in the dissemination of knowledge of the theory and practice of all aspects of electrical engineering and allied fields, as well as the furtherance of the professional development of the student. Regular meetings are held and some social events are sponsored by the chapter.

Mining Director Addresses AIME

(Continued From Page 2)

ber of the exchange delegation of United States metallurgists visiting the Soviet Union.

Holder of the doctor of engineering degree from Yale University, Dr. Hibbard is the author of more than 70 scientific papers and has been responsible for major contributions to the field of metallurgy.

Besides holding an office in AIME, he is a member of Phi Beta Kappa, the Sigma Xi, Alpha Chi Sigma and Gamma Alpha honorary and professional fraternities. He is a fellow of the American Academy of Arts and Sciences, the American Association for the Advancement of Science and a member of the New York Academy of Sciences.

The one-and-only
SNOOPY
in his first
full-length
novel!



SNOOPY AND THE RED BARON

by Charles M. Schulz

It's a war story filled with raw drama, romance, guts, and tears. And there's a picture of Snoopy on every page.

\$2 at your college bookstore
Holt, Rinehart and Winston, Inc.

NEWS for ENGINEERING GRADUATES

Continued expansion
of our military and commercial business
provides openings
for virtually every technical talent.

As you contemplate one of the most important decisions of your life, we suggest you consider career opportunities at Pratt & Whitney Aircraft. Like most everyone else, we offer all of the usual "fringe" benefits, including our Corporation-financed Graduate Education Program. But, far more important to you and your future, is the wide-open opportunity for professional growth with a company that enjoys an enviable record of stability in the dynamic atmosphere of aerospace technology.

And make no mistake about it . . . you'll get a solid feeling of satisfaction from your contribution to our nation's economic growth and to its national defense as well.

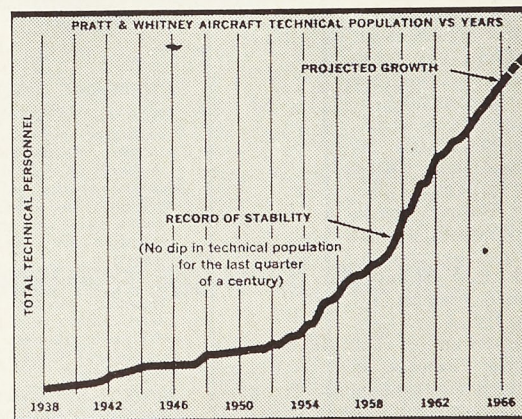
Your degree can be a B.S., M.S. or Ph.D. in: **MECHANICAL, AERONAUTICAL, CHEMICAL, CIVIL (structures oriented), ELECTRICAL, MARINE, and METALLURGICAL ENGINEERING • ENGINEERING MECHANICS, APPLIED MATHEMATICS, CERAMICS, PHYSICS and ENGINEERING PHYSICS.**

For further information concerning a career with Pratt & Whitney Aircraft, consult your college placement officer—or write Mr. William L. Stoner, Engineering Department, Pratt & Whitney Aircraft, East Hartford, Connecticut 06108.



Pratt & Whitney Aircraft

CONNECTICUT OPERATIONS EAST HARTFORD, CONNECTICUT
FLORIDA OPERATIONS WEST PALM BEACH, FLORIDA



Take a look at the above chart; then a good long look at Pratt & Whitney Aircraft—where technical careers offer exciting growth, continuing challenge, and lasting stability—where engineers and scientists are recognized as the major reason for the Company's continued success.

SPECIALISTS IN POWER . . . POWER FOR PROPULSION—POWER FOR AUXILIARY SYSTEMS. CURRENT UTILIZATIONS INCLUDE MILITARY AND COMMERCIAL AIRCRAFT, MISSILES, SPACE VEHICLES, MARINE AND INDUSTRIAL APPLICATIONS.

U A

DIVISION OF UNITED AIRCRAFT CORP.

An Equal Opportunity Employer

TOBER 28, 1966
icers
mkamp, treasure

MINER SPORTS

FRIDAY, OCTOBER 28, 1966 THE MISSOURI MINER PAGE 9

Miners Blow 20-Point Lead, Bow to Warrensburg Mules 28-26

By Greg Julian
A spectacular opening quarter of 20-0 for the Missouri Miners' Homecoming still wasn't enough to overcome Warrensburg as the Mules captured a heart-breaking 28-26 victory. This was one of those games where the PAT's counted. Each team made four TD's, but the Mules' Larry Johnson kicked all four extra points to the Miners' two.
Three Central State mistakes, all deep in their own territory, cost them an early 20 points while Art Verdi made the first two kicks good. A fumble on the Mules' own 9-yard line during the second play which was recovered by Rolla's Carpenter set up the first TD. A blocked punt recovered by Erxleben and Lewis's 22 yard TD pass to Bruce Starnes recorded a second score for the Miners while Glenn Adrian intercepted a pass and set the Miners up for an easy 4 yard TD.
Things looked good for the Miners until the second quarter when John Repp flipped two

Carlson to give CMS the lead for good. Two minutes later Repp himself ran a short 7 yards to give the Mules their winning score of 28 points. With 4 min. and 39 sec. left in the game Ken Blazek recovered a blocked kick in the end zone. A pass attempt for the extra point failed as the Miners lost, 28-26.

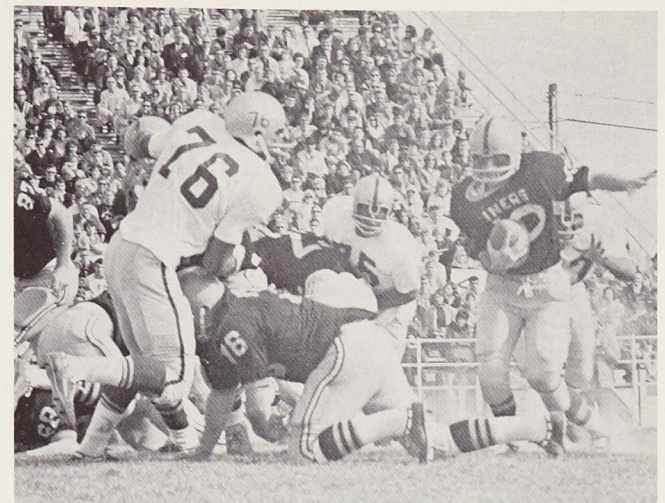


Photo by Greg Julian

AIR ATTACK GROUNDED — Ineffective passing forced the Miners to a rushing attack Saturday. UMR totaled 131 yards on the ground as compared to 116 yards passing.

Allgood Looks for First MIAA Triumph at Cape

Northeast Missouri State and the University of Missouri at Rolla remain the only two winless teams in the Missouri Intercollegiate Athletic Association, but coach Dewey Allgood expects his UMR Miners to break the spell this weekend at Cape Girardeau. Southeast Missouri, now 2-0 in league play, will host the Miners in a 2 p.m. Saturday contest.

UMR quarterback Ronnie Lewis will be trying to hitch halfback Gene Ricker on offense. Ricker was the nation's seventh leading small college receiver until Saturday's game, when he was unable to pick-out a single pass.

PROBABLE STARTING LINE-UPS		
Miners		Indians
Boyer	LE	Koerner
Sharp	LT	Dubis
Steenrod	LG	Coombs
Fridley	C	Richey
Dooms	RG	Widener
Owens	RT	Kujath
Starnes	RE	Gibbons
Lewis	QB	Brune
Erxleben	LH	Smallwood
Ricker	RH	Diep'brock
Nicodemus	FB	Farrell
Game Time — 2 p. m. at Cape Girardeau		

The Miners were surprised by Warrensburg this past Saturday, as a 20-0 first quarter lead vanished in the wake of Mule rallies in the second and fourth periods. Trailing 28-20 midway in the final quarter, UMR came to life once again when a blocked CMS kick was pushed back into the end zone by Miner tackle Ken Blazek. The attempted tying conversion failed, and the Miners lost 28-26.

It will be literally brother against brother on defense, with UMR senior halfback Charles Jerabek opposing his brother Steve, who is a starting defensive end for the Indians. All-conference sprinter Walt Smallwood, a tough running back, will be the toughest man UMR will encounter on offense. Greg Brune will call the signals for Cape.

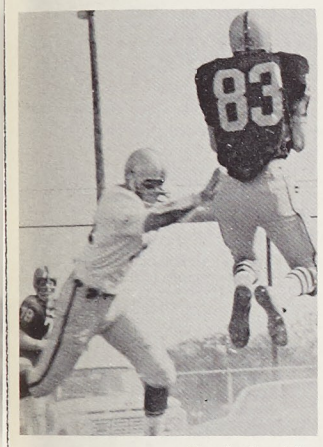


Photo by Greg Julian

FIRST DOWN—Ron Boyer, freshman end from Princeton, Mo., receives a toss from Lewis.

short TD passes to Jim Morton and Keith Brown, while Johnson kicked both extra points to bring the Mules to a 14-20 half-time deficit.

A third quarter deadlock was held by both teams, but early in the opening of the fourth Repp tossed a 17-yard pass to Rich

Springfield and Cape Undefeated in Conference

By Bill Conner
Southwest Missouri State's Bears remained undefeated in MIAA action by trampling the hapless Bulldogs of Northeast Missouri State 27-6. The Bears controlled the ball most of the game as Ardie McCoy and Mike Howell played the major ball carrying rolls with both gaining 108 yards of the 269 yard ground output.
Southwest drove 51 yards for their first touchdown, and the second came after Randy Wheeler recovered a fumble. The Bulldogs moved within 6 points at the half on a pass from Rick Gorzynski to Ron Bielinski. In the second half Dennis Scott intercepted a pass near midfield, and the Bears

drove from there for their third tally.

The Bears fourth touchdown came on a 63 yard drive with Ardie McCoy going the last six
(Continued on Page 10)

MALO'S ITALIAN RESTAURANT

SPECIALIZING IN ITALIAN FOOD,
STEAKS AND CHICKEN

STUDENT SPECIAL:
PIZZA AND COKE — \$1.00

DINE AND DANCE NIGHTLY

Hwy. 66 West Phone 364-9907

Freshmen Gridders Drub Springfield for Third Win

By Dave Kaufmann
The UMR junior varsity football team ran its winning streak to three games as they drubbed the Springfield gridders 20-6, on the UMR field, October 17. Quarterback Jack Growe engineered the Miner's offense as he completed 3 of 8 passes for 94 yards while scoring himself on a one yard plunge.

Leading the way in rushing was freshman Tom Schoemehl, who gained 127 yards in 23 carries including a 27 yard touch-down sprint. Also working in the backfield were Jim Berry and Ken Austin who both averaged 5 yards per carry. Split end Dave Pfefferkorn caught two Growe passes for 88 yards and one touchdown while Ken Francois rounded out the scoring by kicking 2 of 3 extra points.

Fifty-Niners Win Mural Cross Country

By little david
At 5:00 p.m. last Friday afternoon the gun sounded and amid the cheers of the crowd, 52 men began the first leg of the 1966 intramural cross country race held at the UMR golf course. The field was in excellent condition and despite the wind and cool weather fifty of the harriers succeeded in conquering the course and reached the finish line.

Standouts on defense were Ken Austin, Kent Florence, Paul Vaughn, and Frank Wuified, who combined for 29 tackles as well as 29 assists. Coach Bud Glazier is very pleased with his defense as well as offense. The team has scored 106 points while holding the opposition to only 2 touchdowns.

The new course record for the new two mile course was established this year by Totty of Pi Kappa Alpha Fraternity with his time of 12:04.4. Second place in the individual competition was won by Roesch of the Fifty Niners Club with a time of 12:05.0, and third place went to Scopero of Kappa Phi fraternity with a time of 12:22.

With one more game with Lincoln, Bud feels that his squad can complete the season undefeated with the most productive offense and strongest defense complimenting each other in making the UMR junior varsity football team a power to be reckoned with in the near future.

Varsity Runners Extend Record to Three Victories

The University of Missouri at Rolla varsity cross country team extended their season mark to three wins and two losses last week with a victory over Westminster College and a loss to Southwest Missouri State.

Coach Ted Moore commented that the squad ran close to their best at Springfield, however, the Bears were just too good. Dale Daniel of Springfield ran the winning time of 21:54.3 for the four mile course, and his teammate Joe Poe was just a tenth of a second behind him.

Brewer and Roesch combined to win the team championship for the Fifty Niners Club, next came Bokula and Doering of Sigma Tau Gamma fraternity in second place. Morgan and Spanel of Phi Kappa Theta Fraternity jointly won third and fourth place with Totty and Smee of Pi Kappa Alpha fraternity. Fifth place was claimed by Shafer and Goad of Kappa Alpha Fraternity.

Last year's winner on the 1.9 mile course was Shafer of Kappa Alpha fraternity with a time of 10:52. The old record for 1.9 mile course was 10:32, set by Dunn in 1962.

The cool weather and the gusty winds, no doubt, contributed to the slow times of this meet. The more difficult new course was also a deciding factor in this contest. However, the intramural harriers did admirably well under these conditions, and made the contest a down to the wire finish.

Stan Notestine was the first Miner to cross the finish line. His time of 22:11 gave him third place. Springfield's Shanholtzer placed fourth, and Miners Brown and Tracy were fifth and sixth.

The following day, October 19, the Miners hosted Westminster in a 4 p.m. meet. Gary Schmidt of the Westminster team came in first, posting a time of 21:55.5. Notestine clocked in at 22:10.3.
(Continued on Page 10)

TIGER TOWN

AT

CENTRAL PONTIAC

Le Mans and G. T. O.
TREMENDOUS DISCOUNTS!!

- Small or No Down Payment
- Deferred Payments as low as \$25 monthly until on the job
- 5% Interest
- Service After the Sale

If Central Pontiac Doesn't Have a Tiger for You . . .
TRY THE ZOO!!

Key Starts Practice For Basketball Squad

Official basketball practice for the 1966-67 season at the University of Missouri at Rolla got underway this past week, as UMR coach Billy Key gathered his forces in anticipation of a record breaking year. Last year's edition of the Missouri Miners compiled an 11-win, 8-loss mark, the best since 1947.

During the weeks between now and December 1, when the Miners open with Harris Teachers College, Key will be shaping up a squad of seven letterman and nine promising newcomers into a finely polished, winning group.

Three Men Lost

Unfortunately, what started out to be a rosy picture dimmed with the announcement of the scholastic ineligibility of two key men and the loss of another due to illness. The Miners will be minus the 13 point scoring punch of Rich Cairns and the fill-in of Dick Baggett. Len Bornemann is expected to be out the entire season on doctor's orders.

Returning to the squad will be scoring ace Randy Vessell (Farmington, Mo.), who led the Miners in points last season (13.8 average), and 6-foot-3 sophomore center Wayne Lewis. Lewis, from Greenfield, Missouri, pulled in 183 rebounds and averaged over ten points per game.

6-Foot-8 Freshman Center

Promising freshmen additions include Bob Brown, 6-foot-5, 200 pound forward from St. Louis McBride High School. Mike Brinkmeyer, a 6-foot-8 center from Riverview Gardens in St. Louis, and Dick Graham, from Williamsville, Illinois. Also ranking among the best are Mike Windish (St. Louis McBride), Gary Brookens (Holy Passionist Seminary), and Bill Shanks (Willow Springs, Mo.).

John Head, Charles Andrews, Lewis, and Vessell are expected to carry the brunt of the Miner attack, with support from Loris Piepho and Tom Borgemeyer. Borgemeyer and Andrews both

transferred to UMR as juniors last year, and each averaged about ten points per contest. Head was second in the rebounding department with a total of 133.

The twenty-game schedule will be no easy task for the Miners, and these next few weeks of intensive practice will be well spent in molding a tough, scoring unit. "We should have scoring balance with good speed," noted Key, now in his third year at UMR, "but it will still be the same old story of lack of size." Billy Key has a record of 22 wins at the University of Missouri at Rolla, and he is 139-65 at all colleges.

Harmon Picks Mizzou Tigers Over Nebraska

Saturday is the first reckoning day for two of the three leaders of the Big Eight Conference. 16th ranked Missouri meets 17th-rated Nebraska in Lincoln in a struggle for supremacy, and we'll pick the Tigers of Columbia to beat the Cornhuskers by three points. Oklahoma, No. 13, the other contender, is a seven-point favorite over Colorado.

In the Southwest Conference, both top teams are in trouble. Texas A & M, 3 and 0 in the conference, is a 7-point underdog to Arkansas, ranked 9th nationally. S. M. U., No. 11, is going to be upset by 14th-ranked Texas. The difference . . . one point.

Tulsa will lead the Missouri Valley Conference by itself on Sunday, disposing of co-leader Cincinnati by 22 points.

The two teams on the top rungs of the Atlantic Coast Conference should still be in a tie for the lead after Saturday. Maryland will whip South Carolina by two, and Clemson should win over Wake Forest by seven points.

SIDELINES

BY JIM WEINEL



The UMR passing combination of Ron Lewis and Gene Ricker received national recognition up until this Saturday's game against Warrensburg. Lewis was 16th among the country's leading small college passers, and Ricker was rated the seventh leading pass receiver by the NCAA. Unfortunately, Gene wasn't able to connect with a single one of Lewis' tosses in that Homecoming contest, and only nine of them were complete to other men.

Homecoming 1966 ended on a sad note Saturday night with the untimely deaths of two of those returning to celebrate. A highway accident took the lives of the wife of Donnell Agers, '59, and one-time Miner gridiron star Jim Wright. Wright was co-captain along with Tom Herrick (now an instructor in the EE Department) of the 1956 MIAA co-championship team and was one of five UMR squad members elected to the MIAA All-Conference team of that year. Many of the alumni of that squad returned to UMR for the tenth anniversary of that title-sharing (incidentally, shared with Warrensburg), and all along with the entire campus were shocked to hear of Saturday night's tragedy.

Who says that running two cross country meets back-to-back will wear a guy out??? Stan Notestine of the UMR group ran a third place time in last Tuesday's meet at Springfield, then came right back the following day to top the school record on the course. It takes a tough breed.

Address questions and comments to "Sidelines," c/o THE MISSOURI MINER, UMR, Rolla, Missouri.

MIAA REPORT (Continued From Page 9)

yards. The Bears are now 2-0 for the conference and 4-2 for the season, while the Bulldogs are 0-2 in the conference and 3-3 for the season.

The Indians of Southeast Missouri State also chalked up their second MIAA victory by edging Northwest Missouri State's Bearcats 24-21. Maryville led the Indians 21-0 early in the second period, but SEMO rallied with 18 points in the fourth quarter to win.

The Indian's winning field goal was kicked 43-yards by Bruce Noll with 3 seconds remaining in the game. The Indians are now 3-3 for the season and the Bearcats are 2-4 for the season.

VARSITY CROSS COUNTRY
(Continued From Page 9)
which is a new school record for the new course. Fennell was third, and Brown and Duren of the UMR group were fourth and fifth, respectively.

Tomorrow, October 29, the Miners take to the road for the Greenville Invitational. On November 1, Harris Teachers College will be in Rolla for a 4:30 p.m. meet, and the MIAA conference meet will be held in Rolla on Saturday, November 5.

MEET THE MINERS

Lane and Stroud Gain Varsity Football Berths

By Lloyd J. Lazarus

Edwin Dean Lane, a six foot, one inch, one hundred and ninety pound freshman came to UMR this year from Fredericktown, Missouri, where he played quarterback for the local high school. The coaching staff switched Eddie from quarterback to defensive right halfback this season. It seems like Eddie has adjusted well to his new position by picking off three interceptions so far this season. Last Saturday he showed his ability to pursue the plays, by making nine tackles.

Eddie feels honored to be able to play first string his first year on the team. He feels the team has the potential to be a winning team and that bad breaks are the main reason for our 2-4 record this season. Ed is also a member of Tech Club.

Joel Stroud a six foot, one inch, one hundred and ninety-five pound freshman is another newcomer this season. Joel hails from Paducah, Kentucky, and is playing one of the linebacker positions.

Joel contends that there is a big difference between high school and college ball. He said learning to handle men that are bigger than you takes time and experience. It looks like Joel is learning fast, since he made fifteen tackles Saturday.

Joel is pledging Kappa Alpha social fraternity this semester and is a member of ASME.

Sports Calendar

VARSITY FOOTBALL

October 29 Southeast Missouri, at Cape
November 5 Kirksville, at UMR (Parents Day)

VARSITY CROSS COUNTRY

October 29 Greenville Invitational
November 1 Harris Teachers, at UMR

The Harmon Football Forecast

TOP 20 TEAMS

(Forecasting Average: 872 right, 279 wrong, 29 ties758)

1 - NOTRE DAME	6 - FLORIDA	11 - S.M.U.	16 - MISSOURI
2 - MICH. STATE	7 - GEORGIA TECH	12 - MICHIGAN	17 - NEBRASKA
3 - ALABAMA	8 - TENNESSEE	13 - OKLAHOMA	18 - GEORGIA
4 - U.C.L.A.	9 - ARKANSAS	14 - TEXAS	19 - MISSISSIPPI
5 - SOUTHERN CAL	10 - PURDUE	15 - WYOMING	20 - HOUSTON

Saturday, Oct. 29 — Major Colleges

Alabama	30	Miss. State	0
Arkansas	14	Texas A & M	7
Baylor	21	T.C.U.	9
Boston U.	21	Rutgers	19
Brigham Young	26	Arizona	13
California	21	Penn State	16
Citadel	15	Davidson	14
Clemson	20	Wake Forest	13
Colgate	20	Lenigh	0
Corvallis	26	Columbia	7
Dartmouth	21	Yale	10
Florida	28	Auburn	7
Florida State	14	V.P.I.	10
Georgia	24	Furman	6
Georgia Tech	22	North Carolina	14
Harvard	21	Duke	8
Holy Cross	15	Pennsylvania	0
Houston	32	Buffalo	13
Indiana	18	Tampa	0
Kansas	17	Iowa	7
Kent State	16	Kansas State	7
Kentucky	27	Toledo	7
Louisville	30	West Virginia	8
Maryland	21	Wichita	7
Memphis State	21	South Carolina	19
Miami, Ohio	20	West Texas	14
Michigan	35	Bowling Green	0
Michigan State	37	Wisconsin	6
Mississippi	17	Northwestern	0
Missouri	17	L.S.U.	10
New Mexico State	38	Nebraska	14
North Carolina St.	35	Eastern New Mexico	0
North Texas	35	Virginia	12
Notre Dame	38	Drake	13
Ohio State	21	Navy	7
Ohio U.	17	Minnesota	7
Oklahoma	17	Dayton	15
Oklahoma State	13	Colorado	10
Oregon	21	Iowa State	10
Oregon State	28	Idaho	8
Princeton	14	Washington State	13
Purdue	21	Brown	6
Rice	17	Illinois	13
San Jose State	25	Texas Tech	8
**Southern Cal	21	Pacific	7
South'n Mississippi	30	Miami, Fla.	10
Syracuse	31	Richmond	0
Tennessee	26	Pittsburgh	6
Texas	15	Army	7
Tulsa	28	S.M.U.	14
U.C.L.A.	32	Cincinnati	6
Utah	26	Air Force	7
Vanderbilt	22	New Mexico	8
Washington	14	Tulane	20
Western Michigan	14	Stanford	8
William & Mary	13	Marshall	6
Wyoming	21	V.M.I.	0
Xavier	20	Colorado State	7
		Villanova	14

Other Games — East

Alfred	28	Ursinus	0
Amherst	41	Tufts	7
Bates	19	Bowdoin	7
Bucknell	20	Rhode Island	6
C. W. Post	21	Upsala	7
Central Connecticut	18	American Int'l	14
Clarion	22	California State	0
Connecticut	22	New Hampshire	6
Cortland	20	Trenton	7
Delaware	22	Temple	20
Frederick	23	Susquehanna	13
Grove City	27	Geneva	0
Indiana State	28	Slippery Rock	12
Ithaca	22	Bridgeport	7
Junia	20	Wilkes	15
Lafayette	17	Gettysburg	14
Maine	30	Colby	0
Massachusetts	14	Vermont	0
Moravian	21	Albright	20
Northeastern	19	King's Point	15
Norwich	14	Middlebury	0
Rochester	20	St. Lawrence	12
Springfield	14	Wagner	6
Waynesburg	40	West Va. Wesleyan	13
*West Chester	28	Kutztown	0
Williams	14	Union	6
Worcester Tech	14	R.P.I.	13

Other Games — Midwest

Alma	20	Adrian	6
Anderson	12	Indiana Central	7
Augustana, Ill.	18	Illinois Wesleyan	15
Ball State	15	Indiana State	6
Bethany, Kansas	15	Baker	12
Bluffton	15	Manchester	13
Bradley	21	Illinois State	13
Butler	18	DePauw	7
Central Michigan	19	Western Illinois	0
Central Oklahoma	22	NE Oklahoma	14
**Defiance	13	Salem	0
Doane	13	Peru	0
Dubuque	14	Buena Vista	6
East Carolina	28	Southern Illinois	13
E. Central Oklahoma	24	NW Oklahoma	0
Emporia College	25	Friends	13
Hamline	17	Augsburg	13
Kansas Wesleyan	15	Sterling	18
Michigan Tech	17	Northwood	13
Millikin	18	North Park	15
North Central	20	Carthage	19
NE Missouri	17	Central Missouri	0
Northern Illinois	17	Akron	14
Northern Michigan	17	Findlay	0
Northland	13	NW College, Wis.	12
Olivet	18	Albion	14
SE Missouri	30	Missouri Mines	7
SW Missouri	21	NW Missouri	7
Southwestern, Kan.	27	Bethel, Kansas	0
Stevens Point	20	Oskosh	13
Taylor	14	Franklin	13
Whitewater	21	River Falls	8
**William Jewell	20	Nebraska Wesleyan	15
Wittenberg	13	Ohio Wesleyan	0

Other Games — South & Southwest

Arkansas A & M	14	Conway	8
Arkansas State	20	Lamar Tech	7
Arkansas Tech	13	Henderson	7
Arlington	21	Tarleton	13
Centre	16	Maryville	7
Chattanooga	17	Jacksonville	6
Concord	40	Shepherd	0
Delta	27	Florence	0
East Texas	15	Howard Payne	14
Eastern Kentucky	23	Western Kentucky	7
Emory & Henry	19	Hampden-Sydney	13
Guilford	13	Newberry	9
Lenoir-Rhyne	14	Carson-Newman	0
Louisiana Tech	21	Tennessee Tech	19
Martin (U. of Tenn.)	21	Murray	0
McNeese	35	Louisiana College	0
Middle Tennessee	21	Austin Peay	10
Millsaps	14	Harding	6
Morehead	20	East Tennessee	15
NW Louisiana	23	Troy	0
Presbyterian	23	Catawba	14
S. F. Austin	21	Sam Houston	17
Samford	20	Mississippi College	6
Southern State	13	Ouachita	10
SW Louisiana	21	NE Louisiana	14
SW Texas	23	McMurry	7
Texas A & I	15	Sul Ross	14
Trinity	24	Texas Lutheran	0
Washington & Lee	17	Bridgewater	7
Western Carolina	12	Elon	8
Wofford	17	Appalachian	15

Other Games — Far West

Abilene Christian	21	Los Angeles	19
Cal Poly (Pomona)	20	Humboldt	7
Colorado State	18	Colorado Mines	13
Hawaii	24	Cal Western	13
LaVerne	32	Cal Tech	0
Long Beach	20	Cal Poly (S.L.O.)	12
Nevada	24	Chico	0
New Mexico High'lids	25	Colorado Western	8
Occidental	15	Cal Lutheran	14
Pacific Lutheran	18	Pacific U.	14
Pomona	15	Riverside	7
Portland	20	Central Washington	14
Puget Sound	20	Western Washington	7
Redlands	31	Claremont	0
Sacramento	14	Davis	6
San Diego	34	Fresno	7
San Fernando	21	Santa Barbara	20
San Francisco State	39	Hayward	0
Santa Clara	21	Whittier	0
Southern Utah	12	Western New Mexico	7
Weber	30	Idaho State	7

(**Friday Games)