



11 Dec 1964

The Missouri Miner, December 11, 1964

Follow this and additional works at: https://scholarsmine.mst.edu/missouri_miner

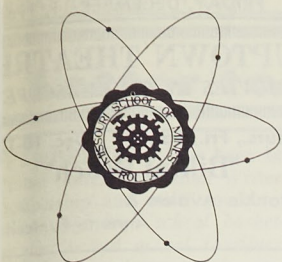
These newspapers reflect the attitudes, perspectives, and beliefs of different times. Neither the library nor the university endorses the views expressed in these collections, some of which contain images and language which may be offensive to some readers.

Recommended Citation

"The Missouri Miner, December 11, 1964" (1964). *The Missouri Miner Newspaper*. 1788.
https://scholarsmine.mst.edu/missouri_miner/1788

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.

Y, DECEMBER 4, 1964
ching record stands
d and fifty-six vict
pared to ninety-th
1962, Harris, und
n of Coach Key, swe
ampionship, competi
Washington Universi
University, and Co
nary.
accepted the posi
st summer, Coach K
"We will make
to try to improve
You as students
t by giving the Min
Key your support
g year.
dar
ee College, at MSM
el College, at MSM
el College, at MSM
d handball contin
College, at Fulton
g!
d we want to
nd the wheel,
ROLET
la Sport Coupe
s. You could
or the price.
hp. A softer,
Sport Coupe
and—V8's
ly.
Sport Coupe
available—
dealer's



The Missouri MINER

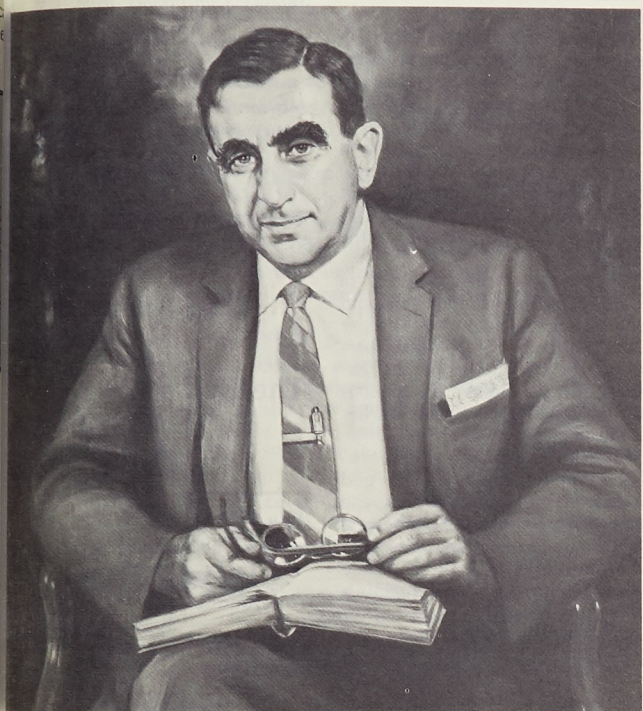
UNIVERSITY OF MISSOURI AT ROLLA

6TH ANNUAL
MIAA CONFERENCE
HOLIDAY BASKETBALL
TOURNAMENT
DEC. 21, 22, 23

VOLUME 51

FRIDAY, DECEMBER 11, 1964, ROLLA, MISSOURI

NUMBER 12



"Father of the Bomb" To Speak at NES Meeting

Dr. Edward Teller, renowned nuclear physicist, will speak to the MSM Nuclear Engineering Society at 7:30 p.m. on Friday evening December 11th. Teller will speak before the group in the auditorium of the Civil Engineering Building and the speech is open to the public.

Dr. Teller was born in Hungary

and educated in Europe, and in 1941 became a United States citizen. His early research dealt with theoretical physics, but discovery of the fission process and the menace of Nazi Germany soon drew him into the small group of men who started the atomic energy effort in America.

Unlike many of the nuclear physicists who helped develop the atom bomb, Dr. Teller continued to work on nuclear weapons after World War II, convinced that the United States would need advanced weapons to be prepared for future dangers. In his remarkable career he has made significant contributions to the development of atomic weapons and the hydrogen bomb.

He was a member of the Gen-
(Continued on Page 6)

ROTC Band Invited to Play At World's Fair

The ROTC Concert Band of MSM has been invited to present several concerts at the World's Fair in New York in late April and early May, it was announced by Dr. Merl Baker, Chancellor of the University. The 100 member band is directed by David L. Oakley and is one of four bands co-sponsored by the school and the Department of Military Science. If travel and other arrangements can be worked out, Baker said the band would play in the Tipperello Band Pavilion while in New York.

The program for bands at the university was re-organized in 1960 when Oakley became the university's first full time band director. Since that time football, concert, military and dance groups have appeared through the area, and have had special invitations to events throughout the nation. The band has appeared three times on national television at marching events, and has made some 70 concert performances. The band's personnel represents students from 11 states and includes 94 men and 6 women.

Party Weekend Commences With Interfraternity Council Sing

Tonight the MSM Interfraternity Council will present the annual IFC Sing in the Student Union Ballroom. This program will feature entertaining competition between chorus and quartet entries representing nearly every fraternity on campus. Last year's winners, Kappa Alpha in the chorus division and Kappa Sigma in the quartet category, will have to face stiff competition from many strong contenders.

Master of ceremonies will be Gary Bardon, vice president of the Interfraternity Council. Serving as judges for the Sing will be Mr. Barry, Band Director at Rolla High, Mr. Manford Rhea, Music Director at Steelville High, and Mr. Lavere Barnett, Band Director at St. James High.

A total of 22 entries, thirteen choruses and nine quartets, have been received for this year's sing, and it promises to be one of the best ever.

The Interfraternity Council wishes to invite everyone to attend and enjoy the 1964 IFC Sing. No admission will be charged for the evening's entertainment which begins at 7:30.

Student Union Plans Xmas Dance For This Saturday

On December 12, 1964, in the Student Union Ballroom, the Student Union Board will present a Christmas Dance with the music being provided by the Egyptian Combo. This dance will provide the Miners who are fortunate enough to have dates, a source of entertainment on Saturday afternoon from 3:00 p.m. to 6:00 p.m.

Immediately preceding the Dance, from 2:00 p.m. to 3:00 p.m., there will be a faculty, student mixer. The refreshments for the mixer will be provided by the wives of the faculty. The students and faculty in attendance will be entertained by the MSM Glee Club.

NOTICE!

Due to the Christmas Holidays, the Miner will be issued next week on Thursday, December 17.

PROGRAM FOR THE 1964 IFC SING

"Battle Hymn of the Republic"	Sigma Pi Chorus
"Red Light, Green Light"	Sigma Phi Epsilon Quartet
"Shenandoah"	Pi Kappa Alpha Chorus
"The Seine"	Delta Sigma Phi Quartet
"Old King Cole"	Kappa Sigma Chorus
"Ghost Riders in the Sky"	Sigma Tau Gamma Chorus
"In the Good Old Summer Time"	Acacia Quartet
"Riding the Chariots"	Triangle Chorus
"Standing on the Corner"	Tau Kappa Epsilon Quartet
"Give Me Your Tired, Your Poor"	Kappa Alpha Chorus
"Ballad of the Greenland Whaler"	Pi Kappa Alpha Quartet



Last year's winning quartet from Kappa Sigma.

"High Noon"	Lambda Chi Alpha Chorus
"Harbor Lights"	Sigma Tau Gamma Quartet
"Green Leaves of Summer"	Phi Kappa Theta Chorus
"Fybeio"	Sigma Phi Epsilon Chorus
"Don't Let the Rain Come Down"	Kappa Sigma Quartet
"Round and Round"	Tau Kappa Epsilon Chorus
Medley: "You Had a Dream"	Kappa Alpha Quartet
"Sentimental Journey"	
"Chattanooga Shoshone Boy"	
"Little Drummer Boy"	Kappa Phi Chorus
"I Believe"	Lambda Chi Alpha Quartet
"Today"	Sigma Nu Chorus
"Unchained Melody"	Delta Sigma Phi Chorus

Military Ball Board Announces Annual Dance

The Military Ball Board is proud to announce that the big band sound will once again come to MSM in the form of the Gary Dammer Orchestra. This group of hard-swinging musicians will furnish the music for the annual Military Ball to be held February 13.

Highly regarded in the St. Louis area, this experienced and dynamic unit has won the applause of many local organizations and has appeared with name personalities such as Buddy DeFranco, Buddy Morrow, and Nancy Wilson. Top name arrangers are included in a book that covers everything from the Twist

and Bossa Nova through "The Blues A La Basie" to slow ballads.

This year the Board decided to change the date of the dance because of conflict with the Interfraternity Council's sing. In the past it has always been held on the Saturday evening of the Christmas party weekend.

This year the "Ball" will be held at the National Guard Armory at a cost of \$3.50 per couple which most Miners will realize is quite a saving over last year's ticket prices. The "Ball" is sponsored by the Military Department and is planned and conducted by the Military Ball Board.

Centennial Committee Learns Long Range University Goals

Mr. Ray Kasten, Chairman, welcomed the members of the Centennial Committee to the second meeting and to the 1964 Homecoming. Dr. Merl Baker, Chancellor of the University of Missouri at Rolla, reviewed the concepts and goals of the Centennial Committee. Dr. Baker spoke about the long range plans for the Centennial and emphasized the need for a definite time schedule for the goals to be achieved by 1970. He acknowledged the importance of faculty assistance in the determination of anticipated academic needs and achievements by 1970. Goals of excellence in the UMR program by 1970 must include the following: (1) Strengthening the present undergraduate, graduate, and research programs; (2) Encouraging student achievement; (3) Determining capital needs.

Dr. Baker further noted that the anticipated 1970 financial needs of a public institution are not the same as those of a privately financed school. But they

share the common difficulty in obtaining funds for the following items: (1) Student aid, such as needed for attracting excellent students; (2) Faculty development will require an estimated \$300,000.00 for study, leaves of absence, and special equipment for initiating faculty research and graduate study; (3) Capital requirements for 1966-67 have been approved by the Board of Curators; the estimated additional resources from the State for the next six years will be \$20.5 million.

Additional required financial support was estimated at 13.5 million dollars from Federal Government loans, 7.5 million from Federal matching money, and 2.5 million from gifts and grants from private sources. The

projected capital needs by the date of the Centennial total 44 million dollars. The 2.5 million dollars (or six percent) proposed from personal gifts and industrial grants will act as seed money to encourage other support.

Dr. Baker explained that the objective of the Centennial preparation is the achievement of excellence.

Mr. Stephens set down several objectives to be achieved by 1970 in the quest for excellence. The programs are: (1) Research—research to advance the frontiers (Continued on Page 8)

Randolph Sees Library Size and Needs Double

In eighteen years the library at MSM has grown nearly twice its size. Mr. Randolph, head librarian, says that the library has expanded in size faster than most average libraries. The number of books has increased from nearly sixty thousand to one hundred thirteen thousand. Periodicals, also have increased to one thousand five hundred from about six hundred in 1946. Because of the rapid expansion, one can readily see the need for a new library building.

Mr. Randolph, head librarian at MSM for the last eighteen years, attended college at Colorado State University. He received a Liberal Arts and Master of Arts from the University of Michigan. He worked as a librarian at Georgia Tech and Dayton Public Library. Contributions have been made by Mr. Randolph to the following novels: Who's Who in America, Who's Who in Education, Who's Who in the Middle West, and Who's Who in Library Service. He is a trustee for the Rolla Free

Humanities to Provide Modern Drama Course

"Modern Drama," English 108, will be offered next semester for the first time in several years. It is a three-hour course and will satisfy the literature requirement in any curriculum.

The course will consist of a study of modern plays, including those of such contemporary playwrights as Arthur Miller, William Inge, and Tennessee Williams. Recent recordings of plays will be used to enhance lectures and discussions. It will be taught by Prof. Karl Moulder.

Increasing Costs Raise Dorm Rates

Next September the new forty dollar increase of dormitory rates will go into effect. This will bring the price for a double room to \$770 per academic year. According to Mr. Mott, housing director, the rate increase is due to the general increasing price of food, labor, and materials, which increase in cost at an average rate of two to three per cent per year. At the present rate, it will be necessary to increase the dormitory rates about five and one-half percent every two years.

Three Youths Rob MSM Student of Money and Clothes

A student at the University of Missouri at Rolla was robbed of 65 cents and his boots, socks, belt and gloves early Sunday by three youths who gave him a ride in their car.

Roger R. Laughlin, 18, of Gillespie, Ill., told the Missouri highway patrol he was hitch-hiking on U. S. 66 three miles east of Rolla, when he was given the ride.

The youths took Laughlin to a point two miles west of Rolla and then robbed him. Before being put out of the car, Laughlin was given a pair of shoes by one of the youths.

The student then walked to highway patrol headquarters and reported the incident to Trooper J. L. Willenbrink, who remembered giving the driver of the car described by Laughlin a summons for improper registration earlier in the night.

Willenbrink forwarded the information to Rolla police, and Rolla officer Donald Isgregg stopped three suspects who were identified by Laughlin. Troopers said one of the trio, Wesley Dale Jones, 19, was wearing Laughlin's boots and socks.

Held for investigation in the Rolla city jail were Jones, William Earl Pitts, 20, and David Anthony McCullough, all of Rolla.

Library. Serving the school before, Mr. Randolph returned to the school in 1946.

Friday Night Forum Inspires Forming of Mock United Nations

Due to interest shown in recent meetings of the Friday Night Forum, plans are under way to organize a group from our campus to participate with students of other colleges in mock United Nations sessions. Delegates will be drawn from both foreign and American students. There are thirty-five nations represented on the MSM campus. It is hoped that all of these countries will be represented by Miners in sessions planned for March, 1965, on and off campus.

Both foreign and American students are needed to make this project a success, and thereby create a revitalized interest in international politics on our campus. Participants will enhance their knowledge of the positions of all nations in world affairs and help to bring the ideas shaping our world into public view. All interested persons are urged to sign the list posted on the Student Union Bulletin Board. They will be contacted before Christmas vacation.

LONG INSURANCE AGENCY

A. E. Long, M. S. M., Ex '22
810 Pine St. ROLLA, MO. Phone 364-1414
"Service Is Our Business"



VOLKSWAGEN
Sales and Service

BILL SOWERS MOTORS

Phone 364-5178 Hwy. 66 E. in Northwy

ENGINEERING OPPORTUNITIES

for Seniors and Graduates in

**MECHANICAL,
AERONAUTICAL, CHEMICAL,
ELECTRICAL,
and METALLURGICAL
ENGINEERING**

**ENGINEERING MECHANICS
APPLIED MATHEMATICS
PHYSICS and
ENGINEERING PHYSICS**

CAMPUS INTERVIEWS

TUESDAY, DEC. 15

Appointments should be made in advance through your College Placement Office

Pratt & Whitney Aircraft

U A
DIVISION OF UNITED AIRCRAFT CORP.

An Equal Opportunity Employer

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

**SCHLITZ — OLD MILWAUKEE
SCHLITZ MALT LIQUOR
DRAFT BEER**

Broyles Distributing Co.

ROLLA, MO.

Letter to the Editor

WHEREAS, it has been brought forcibly to the attention of the United States Basketball Writers Association through reports from its membership and other sources that crowd behavior at a great many college and high school basketball games has reached the point of unruliness and actual rowdiness, both verbal and physical, that is completely contrary to the concepts of fair play and even common decency;

AND WHEREAS, members of the basketball coaching profession themselves, freely admitting that in many cases it is the coach's actions on the court during a game that can incite the unruliness and unsportsmanlike conduct of spectators, have asked your Board of Directors for help in solving what is now a national problem;

AND WHEREAS, the United States Basketball Writers Association deprecates and even condemns such crowd behavior as a shameful detriment to a great game;

BE IT THEREFORE RESOLVED, that the Board of Directors of the United States Basketball Writers Association take the following steps to alleviate this national disgrace:

1. The Association award a scroll or other citation to those colleges where crowd behavior meets the American standard of decency and fair play, such citations to be awarded on the recommendation of members of the Association in each section of the country.

2. The Association make available to tournament sponsoring groups a citation to be awarded, if merited, at every holiday basketball tournament of 1964-65, and each year thereafter if its impact is felt, to the team that has conducted itself in the most mature and sportsmanlike manner throughout the course of the tournament, such award to be a contribution by the United States Basketball Writers Association to the principle of sportsmanship on the court as well as off it.

3. The Association call on its entire membership, the press services and other media of communication to disseminate as widely and as vigorously as possible the establishment and purposes of these two forms of merit awards.

AND BE IT FURTHER RESOLVED, that copies of this resolution be distributed . . . to college presidents, athletic directors, coaches, sports information directors and other college administrative officials, academic as well as athletic, who are trying to cope with this serious problem.

IRVING T. MARSH
President
United States Basketball Writers Assn.

On the Other Side of The Transit

By Don Ward

It slipped furtively onto the record counters. There was no big publicity campaign. It was just there one afternoon. Yet, within three weeks of its release, it was the top album in the country. Who is it that could be so popular with the public that people are looking for their music? None other than the top folk group in the country — Peter, Paul and Mary.

Yes, they have a new album out and it is called *In Concert*. All of the songs were recorded live during a recent West coast circuit. But this is not just folk music. It is far more than that. It is an insight into what this trio is, and how they have evolved during the past three years.

The album has several oldies — but they are different. They have grown right along with Peter and with Paul and with Mary. *If I Had My Way* is stronger and more forceful than their earlier recording. So is *Blowin' in the Wind* and *Puff*. They seem to have gained a richer quality.

The album also has that brand of song which has lifted the trio above that label of "commercial" folksingers. In *Times They Are A-Changin'* and *Jesus Met the Woman* we see again that quality of the trio not to be "public pleasers," but to be "public influencers." They are still spokesmen of commonmen as displayed so well as Paul introduces *If I Had a Hammer*, dedicating it "to all those who have given their lives or who are giving their lives so that we may walk this land free and equal."

The album also shows the versatility and humor of the group. *Blue* is a pleasing sound whether the trio does it ethnic or rock and roll and *Paultalk*, a 12 minute monologue by Paul Stookey, is a rival to any Shelley Berman or Jonathan Winters.

This album is Peter, Paul and Mary. It captures the feeling and respect of their concerts. It captures the meaning of the trio. And as the record and another concert ends amid the shouts of "more . . . more," we can only hope they continue along their present route.

Study Says Intellectuals Work Alone

By Collegiate Press Service

Chances are you won't become an Organization Man if you're academically talented, according to a Columbia University study.

The study, entitled "Talent and Performance," indicated that nearly seven out of 10 persons with high intellectual capability take jobs which give them freedom to work alone or power to lead individually and dominate others. They tend not to be the type who enjoy being team members in the Organization.

Columbia economics Professor

Eli Ginsberg, one of the study's authors, said that 70 per cent figure "is much higher than we expected. It's an important finding because it indicates how very large the search for self-determination, self-expression and autonomy looms in talented people's plans for their life work."

Ginsberg, chairman of the President's Manpower Advisory Committee, teaches at the Columbia Graduate School of Business. He collaborated with John Herma, a psychologist and member of the university's Conservation of Hu-

man Resources Project, and five other Columbia researchers in the survey.

Their findings are based on extensive and detailed questioning of 342 persons who demonstrated high intellectual potential between 1944 and 1950. All had received fellowships for graduate or professional training at Columbia University during that period.

Among the study's findings:

—"Undergraduate performance . . . is a poor criterion of later achievement." Doing well in college doesn't necessarily mean you'll do well later in your work.

—"The most successful tended to marry early (while) those who had difficulty launching their careers . . . tended to marry late. Single men were not conspicuous among those in the top achievement level."

—"Those who did the best in their work found the most time to engage in activities outside their work."

—"The talented persons found far more satisfaction in their work than a look at their salaries would indicate."

—"Those who served in the military services and never rose above enlisted rank were likely to be in the lower achievement level."

Million Dollar Business Foiled By Revenooers

Way down in Chatsworth, Georgia, the revenooers have gone out in them hills and got themselves another still, but this time it ain't no ordinary type whiskey brewer.

It seems this contraption is sort of a technological first in the field of illicit manufacturing. Reports are that it is an "electronic, push-button," marvel that operates automatically on a 24-hour basis and produces 1,000 gallons during that period.

"They must have spent \$10,000 to rig it up," the sheriff is quoted as saying. "It looks like it would take an engineering graduate to hook it up."

As though in an after thought the sheriff added that at present retail prices the still could make \$2 million a year for its owners.

Let's see, whatever happened to that copper tubing we used to have around here . . .

NEWS OF THE WEEK

Pasadena, California: The Mariner 4, sometimes reluctant to obey commands, executed an important midcourse maneuver last week. This maneuver will make the Mariner 4 come close enough to Mars to take pictures and then transmit them back to earth. These pictures are to be taken 12,000 miles from Mars' surface and will provide Scientists with data on the canal-like surface patterns on Mars.

Saigon, Viet Nam: Twenty-three U.S. helicopters rushed Viet Name reinforcements to guard a military convoy against ground attack. Fifteen of the helicopters carried 120 men while the other eight were

armed with rockets and machine guns. Now 22,000 U.S. troops are stationed in Viet Nam. These extra troops were used to help protect Da Nang air base against further guerrilla attack. Guerrilla attacks continue. In Binh Bia five rangers were killed and seven wounded.

Manila: Fifty persons lost their lives in flash floods in northern Mindanao Island. Six villages in Misamis oriental province were flooded. Because of this disastrous flood about 200 persons are missing and 100 families are homeless. The floods were caused by the overflowing of the Kahulogan river after heavy rains.

Khartaum, Sudan: Airport officials have acknowledged that plane loads of weapons, apparently destined to bolster retreating Congolese rebels, are passing through Khartaum en route to one airport 100 miles from the Congo's northern border. There have been at least a dozen planeloads processed since last Wednesday. These weapons were believed to be for Christophe Gbenye's Peking backed forces. These shipments strengthen the belief that Sudan is becoming the key supply base for the rebels opposing Premier Moise Thshombe's Congo government.

MINER
The Missouri
UNIVERSITY OF MISSOURI AT ROLLA



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 Greg Junge
505 E. First Street

Business Manager Charles Hansen
500 W. 8th Street—364-3787

Managing Editor Gary Rueter
Make Up Editor Ken Kuebler
Copy Editor Don Flugrad
Features Editor Bill Treibal
Advertising Manager Dave Riley
Circulation Manager Jim Chase
Sports Editor Jim Weinel
Technical Advisors Bob Fick, Larry Yates

Old Timers Turn Back the Clock; Recall MSM's Perfect Football Season

By Harold Tuthill
Of the Post-Dispatch Staff

ROLLA, Mo., Nov. 28 — A few old timers here turned back the clock here Thanksgiving and recalled the football glory that belonged to Missouri School of Mines 50 years ago when the team won all eight of its games and did not allow a point by the opposition.

The school is now called Missouri University of Rolla.

Particularly interested was Helen Houston of nearby Newburg whose twin brother, Homer, played right tackle. Homer died several years ago.

"I should remember those boys," Miss Houston said, "because they were always camped on our doorstep but so many of them were known by nicknames. Homer, for instance, was called 'Dog.'"

"One of the Millers, E. A. I believed, was nicknamed 'Eggie.' J. C. Miller was called 'Kelly.'"

Noel Hubbard, for years the Miner registrar and now retired, chimed in with a note about Kelly Miller, "I'm pretty sure he went to Louisiana, struck it rich in oil and became a millionaire. Kelly lives at Owensboro, Ky., now."

It may be a long time before the Miners come up with another team like the 1914 aggregation. This year they won only one out of nine games.

Volunteers are Asked to Arouse Interest in MSM

Letters are now being sent to all the professional societies on campus. The purpose of these letters is to obtain volunteers who would be willing to recruit at their alma mater high schools over the Christmas Vacation. Their intentions are to interest those high school students who will be graduating in the spring of 1965 in coming here to the MSM campus in the fall. It is thought that through the professional societies a better representation will appeal more generally to the students in pointing out the qualities of the campus. As of the last meeting of the student council, it was announced by William Gilbert that the letters were already in the possession of the professional societies and that representatives from each will recruit and promote those interested in attending MSM next year.

COIN COLLECTORS

Rolla Coin Club meets on the third Thursday of each month at the Fire Station at 7:30 p.m. Visitors welcome.

If you have any old coins for sale call Robert E. Williamson, Tel. 364-4668.

Fifty years ago, MSM started the campaign with a 9-0 victory over Missouri, all points coming on field goals by Earl Freeman. The triumph was the only one ever recorded by the Rolla athletes over their big brothers from Columbia.

The following week the Miners swamped Kansas School of Mines, 87-0. They polished off a good Washington U. team, 19-0, then ran wild against Arkansas, 40-0, and Drury, 68-0.

With momentum in their favor, they trounced Kansas State Normal, 104-0, and set a national

scoring record of 150 points against the Kirksville Osteopaths. Quarterback Walt Kiskaddon converted on 18 chances. The game was shortened because of the one-sided score.

Then came the great Thanksgiving battle with St. Louis U. Virtually no one was left to mind the store here when the game was played. Two of the Miner stars—Houston, a husky tackle and St. Louisian Clark C. (Pitts) Bland, left halfback — were sidelined for the big St. Louis attraction.

Despite their absences, the

(Continued on Page 6)

Mrs. Edwards Serves as Technical Adviser to Nobel Prize Winner

Mrs. Anne M. Edwards, wife of MSM nuclear reactor director Doyle R. Edwards, served as a technical aid to the 1964 Nobel Prize winner for medicine. The prize was awarded jointly to an American, Konrad Bloch, and a German, Feodor Lynen; and Mrs. Edwards worked as a technical assistant to Bloch while he was working on the prize-winning project, which concerned the mechanism and regulation of cholesterol and fatty acid metabolism at the Conant Chemical Laboratory at Harvard University.

Mrs. Edwards worked with Dr. Bloch and Dr. B. R. Clayton at the Harvard University Laboratory and as their technical assistant, her name appears on several of the papers that they wrote on the cholesterol research that have been presented and published in this country and Great Britain. The work of Bloch and Clayton was supported by grants from the American Heart Association and

the National Institutes of Health.

The project on which Mrs. Edwards' primary efforts were directed, concerned cholesterol and other sterols in the tissues of certain insects. These investigations were carried on with the *E. Florida*, a cockroach found naturally in the Southern states; *Blattella Germanica*, a German cockroach; *Dermestes Vulpinus*, a carpet beetle; and the silverfish. A part of Mrs. Edwards' duties included breeding, rearing, dissecting and analyzing these insects, and the use of the IBM 1620 computer in processing data from experiments.

Investigations in this area are a part of the battle against the high number of deaths caused by circulatory diseases, and such information about the build-up and actions of cholesterol will aid in developing therapy and eventual prevention of such diseases. Included in such diseases are coronary heart attacks and the harden-

Etiquette is Topic At UMR Dames Meeting

Etiquette, as defined by accepted authorities and modified by local custom, was the main topic of discussion at the November meeting of the University Dames on Wednesday evening, November 18. The panelists were the sponsors of the group, Mrs. Merl Baker, Mrs. Paul Proctor, Mrs. J. Kent Roberts, and Mrs. Dudley Thompson. Armed with a host of facts from Emily Post and Amy Vanderbilt, and the equally important knowledge they have gained through their own experiences as wives and homemakers, the sponsors were well prepared to

give helpful information ranging from social do's and don'ts to the handling of individual problems within the home itself.

Emphasizing throughout the discussion that there will not be an abrupt change in the way of life once the husband graduates and takes a job, the panelists attempted to give sound advice which student wives could follow now to form a foundation upon which to continually build in the future to achieve a happy married life. The four main topics discussed were family relations, home management, dress and manners, and home entertainment.

NOTICE!

The Office of Traffic Safety wishes to announce that if any change in ownership of a motor vehicle occurs, the student must bring the remnants of his old registration decal to the Traffic Safety Office before this office will issue the student a new decal.

DOUBTING THOMAS? HOPEFUL AGNOSTIC?

Christianity has more to offer than hope, it has positive proof in the form of a MIRACLE which was foretold, described and is intensely personal. Ask the Religious Leaders or send me a card marked ESP-17. My reply is free, non-Denominational, Christian. Martyn W. Hart, Box 53, Glen Ridge, N.J. 07028 (USA).

"can IBM use my ideas?"

IBM's computers must solve many kinds of problems. Your ideas can contribute now to new methods and new computer systems. What you'll need: intellectual curiosity, the will to stick to a problem, competence in your field.

If you are earning a degree in engineering, the sciences, mathematics, or business administration, see IBM. You might work in Research, Development, Manufacturing, Programming, or Marketing.

Ask your college placement office for our brochures and an appointment with the IBM interviewers. Or write directly to Manager of College Relations, Dept. 882, IBM Corporate Headquarters, Armonk, New York 10504. IBM is an Equal Opportunity Employer.

Interviews Feb. 23, 24

Applied Mathematics, Applied Mechanics, Data Communications, Digital Computers, Guidance Systems, Human Factors, Industrial Engineering, Information Retrieval, Marketing, Manufacturing Research, Microwaves, Optics, Reliability Engineering, Servomechanisms, Solid State Devices, Systems Simulation, and related areas.

IBM

M. S. M. Class Rings

BY L. G. BALFOUR CO.
Both Old and New Style

BULOVA ACCUTRON

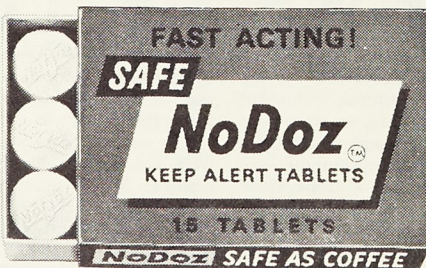


OMEGA WATCHES

DIAMONDS & ENGRAVING
WATCH REPAIRING

Christopher Jewelers

805 Pine Street



THE SAFE WAY to stay alert without harmful stimulants

NoDoz™ keeps you mentally alert with the same safe refresher found in coffee. Yet NoDoz is faster, handier, more reliable. Absolutely not habit-forming. Next time monotony

makes you feel drowsy while studying, working or driving, do as millions do... perk up with safe, effective NoDoz Keep Alert Tablets.

Another fine product of Grove Laboratories.

GREEK NEWS

Fraternities Prepare for Party Weekend

Pikes Make Who's Who, Party, Win Basketball Games

Congratulations are in order to Brothers Owen Lasker, Larry Littlefield, Clyde Vandivort, and Gary Koch on their selection to Who's Who in American Universities and Colleges.

Over Thanksgiving the Pikes enjoyed a party in St. Louis at Brother Ron Candido's home. This weekend is a combined Pledge Dance and Christmas Dance. Saturday night the Pikes will dance to the moving music of the Crescendos from 9:00 until 1:00.

The big news is the undefeated basketball team. Thus far the Pikes have beaten Sigma Tau Gamma, 36 to 26, and Prospectors, 48 to 40. Army and Engineers were played this week and the finale will be against MRHA on January 14, 1965.

Kappa Phi Will Celebrate First Anniversary

This weekend Kappa Phi will celebrate its first anniversary as a fraternity on campus. Kappa Phi was founded by eighteen men on December 5, 1963. Since then, the fraternity has grown to twenty-nine members, whose purpose it is to promote brotherhood, scholarship, and leadership. Upon returning to school in the fall of 1964, Kappa Phi moved into a new thirty-six man house. The house is a brand new brick house which is located on eight spacious acres.

The weekend will start with a party Friday night the 11th of

December, with the Conotones furnishing the music. Saturday will be designated as Founders' Day. Kappa Phi has made great progress the past year and has big plans for the future.

Congratulations are in order to Steve Grieger who was recently initiated into Sigma Pi Sigma Honor Society.

Sig Eps Swing From Vines in Leopard Skins

The annual Pledge Dance at Sigma Phi Epsilon was carried out in a party at the house on Saturday, November 7. The theme was Jungle Party. The dance floor was surrounded by devilish natives and bamboo stalks, while overhead hung many vines. To enter the den of the Big Red, one had to slide down a slippery path, there they were met by the music of The Lyndells. Everyone had a great time. Some of the attendants even dressed the part as they danced in their leopard skin cloths.

Sports at Sig Ep stands at one and one in the basketball side, while two fourth places were recorded in the intramural swimming meet.

Theta Chis to Have Yuletide Shipwreck

Theta Chi will usher in the Yuletide season here at MSM with plenty of spirit this weekend. The brothers have been planning for this event for some time.

The celebration will be started Friday night with the annual "shipwreck" party which will take place in a deserted island theme.

Saturday afternoon the brothers will have their annual Christmas party for underprivileged children

in the Rolla area. This party is enjoyed by both the children and the brothers.

Saturday night will bring music by the "Lyndells," who drew a large crowd of Miners to Theta Chi for Homecoming.

Sunday morning will find the brothers and dates at the Christ Episcopal Church, to round out a well-planned weekend with a sermon by Father Joseph Carlo, alumni advisor.

Bourbon Barrel Slips Grasp of MSM Beta Sigs

The Tuesday evening before going home for Thanksgiving vacation was the occasion of the annual Beta Sig Thanksgiving banquet. It was a special banquet in that the guest speaker, Mr. Elmer Kraemer, was initiated into

honorary membership following the banquet. Mr. Kraemer is a prominent St. Louisan, and the chapter is very happy to have him as one of its members.

The annual Bourbon Barrel Football Game with Iota Chapter at Mizzou was played just before Thanksgiving. The game ended in a tie, but the playoff saw Beta Sig losing the Bourbon Barrel to its Mizzou brothers.

The pledges recently held a very successful pancake supper, and are currently engaged in other money making ideas. The money will be used to purchase a gift for the chapter.

Kappa Kappa Psi Elects Officers

Officers have been announced for this semester for the chapter of Kappa Kappa Psi at MSM. Kappa Kappa Psi is the national honorary band fraternity for college and university bandsmen and MSM's Delta Gamma Chapter was organized in 1959. The fraternity serves not only to honor outstanding members of the band, but also to provide a service organization to assist in the operations of the bands.

Officers are: Richard L. Burkhalter, president; James D. Hunter, vice-president; James A. Schoffel, secretary; and Stephen F. Bugg, treasurer.

STUDENT UNION MOVIE

"IMITATION OF LIFE" Color with Lana Turner, John Gavin, Sandra Dee.

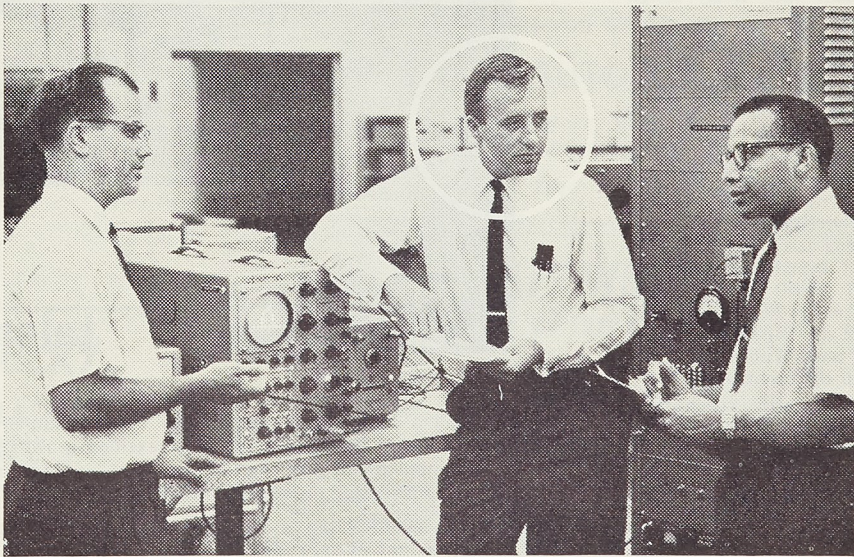
"Imitation of Life" is a modern version of Fannie Hurst's powerful best selling novel. Brilliant performances enhance a sensitive

story of a woman whose unflagging determination to become a great actress fogs her responsibilities as a mother.

The movie will be shown December 13 at 2:30, 5:00 and 7:00 p.m.



Tom Huck sought scientific excitement



He's finding it at Western Electric

Ohio University conferred a B.S.E.E. degree on C. T. Huck in 1956. Tom knew of Western Electric's history of manufacturing development. He realized, too, that our personnel development program was expanding to meet tomorrow's demands.

After graduation, Tom immediately began to work on the development of electronic switching systems. Then, in 1958, Tom went to the Bell Telephone Laboratories on a temporary assignment to help in the advancement of our national military capabilities. At their Whippany, New Jersey, labs, Tom worked with the W.E. development team on computer circuitry for the Nike Zeus guidance system. Tom then moved on to a new assignment at W.E.'s Columbus, Ohio, Works. There, Tom is working on the development of testing circuitry for the memory phase of electronic switching systems.

This constant challenge of the totally new, combined with advanced training and education opportunities, make a Western Electric career enjoyable, stimulating and fruitful. Thousands of young men will realize this in the next few years. How about you?

If responsibility and the challenge of the future appeal to you, and you have the qualifications we are looking for, talk with us. Opportunities for fast-moving careers exist now for electrical, mechanical and industrial engineers, and also for physical science, liberal arts and business majors. For more detailed information, get your copy of the Western Electric Career Opportunities booklet from your Placement Officer. And be sure to arrange for an interview when the Bell System recruiting team visits your campus.

Western Electric MANUFACTURING AND SUPPLY UNIT OF THE BELL SYSTEM
AN EQUAL OPPORTUNITY EMPLOYER
Principal manufacturing locations in 13 cities □ Operating centers in many of these same cities plus 36 others throughout the U.S.
Engineering Research Center, Princeton, N.J. □ Teletype Corp., Skokie, Ill., Little Rock, Ark. □ General Headquarters, New York City

Most expensive
"housecleaner" on record!



Police record, that is. He can clean you out in minutes.

Inexpensive answer: A steel box in our Safe Deposit vault for all your valuables. Costs just pennies a week!

Rolla State Bank

Downtown 210 West 8th St. Hillcrest Hwy. 72 & Rucker
The Drive In Bank With Parking

Fifty-five Members Added to Faculty

Fifty-five new staff members have been added to MSM's faculty this year, according to Chancellor Merl Baker.

Four new administrative officers have been appointed, and new members of the academic staff include five new department chairmen.

The largest number of new appointees, 16, will teach in the School of Engineering, which includes the Departments of Chemical Engineering, Civil Engineering, Electrical Engineering, Engineering Graphics, Mechanical Engineering and Mechanics. Dr. Dudley Thompson is director of the School of Engineering.

The Chemical Engineering Department, headed by Dr. Mailland R. Strunk, has added two members to its staff, Dr. Harvey H. Grice, professor of chemical engineering and Dr. Efton L. Park, Jr., assistant professor of chemical engineering. Kenneth G. Mayhan, who has been an instructor in chemistry since 1962, is now an instructor in the Chemical Engineering Department.

Dr. Grice comes to Rolla from

Lamoni, Iowa, where he had served since 1958 as president of Graceland College, a private liberal arts college supported by the Reorganized of Colorado and the University of Oklahoma and in thermodynamics at Rice University. During summers he has been employed by American Potash and Chemical Company, United Carbon Research, and Union Carbide Chemicals Company.

BSU Plans Xmas Activities for Coming Week

Next week at the Baptist Student Union will be a very busy one with something special planned for every night. All the meetings will start at 6:00 p. m.

Monday night, Dec. 14 — A Christmas worship service.

Tuesday night, Dec. 15 — There will be a sample of the program that should take place in the student's home church on December the 27th. It is an annual

affair held the last week in December to emphasize the ministry of home church and the place of the BSU in student life.

Wednesday night, Dec. 16 — The installation of Freshman BSU Council. They serve as assistants to the Executive Council so that they might learn more about the operations of the BSU. They are also responsible for the enlistment of freshman students on campus.

Thursday night, Dec. 17 — There will be a caroling party. All interested will meet at the BSU at 6:00 p. m. The carolers will sing at McFarland Nursing Home and the Old Soldiers Home at St. James. They will return to the BSU for refreshments.

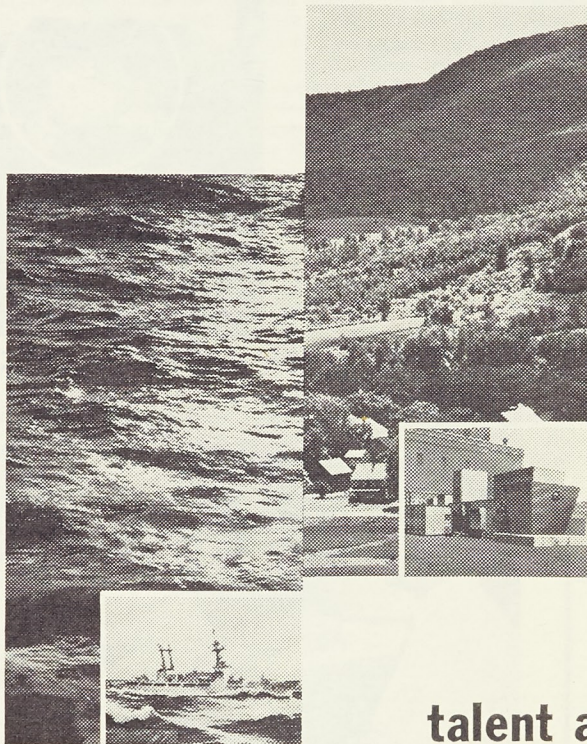
Dr. Teller

(Continued From Page 1)

eral Advisory Committee of the Atomic Energy Commission from 1956 to 1958, and he helped establish the nation's second nuclear weapons laboratory at Livermore, California, serving as its director from 1958 to 1960.

Dr. Teller has been on the faculties of George Washington University, Columbia University, the University of Chicago, and the University of California, where he is currently Professor of Physics at Large. At present he is concerned with the peaceful applications of nuclear explosives.

Providing power for every environment...



provides challenge for virtually every technical talent at Pratt & Whitney Aircraft

Being a technically trained man... we assume you are looking ahead to a career of exciting growth and accomplishment and that you are looking for a company possessing these same qualities.

If our assumption is correct, we would like you to take a close look at us. For this Company, while solving the problems of the day, thrives on a sort of creative restlessness which anticipates the challenges of tomorrow. And more important to you, it recognizes its engineers and scientists as the master key to its present success and future progress.

From a solid foundation of basic and applied research, our Company has gained a firm foothold in the land, sea, air, and space programs that are helping to shape our nation's future. Our engineers and scientists are exploring ever-broadening avenues of energy conversion for every environment. Should you join them, you'll be assigned early responsibility... to apply your engineering talents to such areas as advanced gas turbines... rocket engines... fuel cells and nuclear power.

Such trail-blazing projects command the best of varied

talent. That's why you'll find at Pratt & Whitney Aircraft men with college training as diverse as their responsibilities. You will also find that opportunities for professional growth are further enhanced by our corporation-financed Graduate Education Program. Your degree? It can be a B.S., M.S. or Ph.D. in: MECHANICAL • AERONAUTICAL • ELECTRICAL • CHEMICAL and NUCLEAR ENGINEERING • PHYSICS • CHEMISTRY • METALLURGY • CERAMICS • MATHEMATICS • ENGINEERING SCIENCE or APPLIED MECHANICS.

For further information concerning a career with Pratt & Whitney Aircraft, consult your college placement officer—or—write to Mr. William L. Stoner, Engineering Department, Pratt & Whitney Aircraft, East Hartford 8, Connecticut.

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



Pratt & Whitney Aircraft

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

DIVISION OF UNITED AIRCRAFT CORP.
U A
An Equal Opportunity Employer

Spirited Miners Expelled After Charity Contest

(Continued From Page 4)

63-0, climaxing a year in which the Rolla athletes scored 540 points, leading the nation in that department.

Right half Jack Imlay scored 180 points.

Bob Zuppke, the Illinois coach, called Imlay as "great as Grange." Of the Rolla team, Notre Dame's Knute Rockne said, "It was the most powerful team I ever saw."

The Rolla lineup consisted of E. A. Miller and Richard L. Mountjoy, the captain, at end; Jim Copely, Homer Houston and Emery Long at tackle; Walter H. Askew, Al Brandenburg and Joe Wilson at guard; J. C. (Kelly) Miller at center; Pitts Bland, Jack Imlay, Walt Kiskaddon, Earl Freeman and William H. McCartney in the backfield.

The Miners were coached by Tom Kelley of Chicago, who played for the Maroons in 1908 and '09 and by W. H. Saunders, who played quarterback for Missouri in 1909 and '10.

Like all good stories, there is an epilogue.

Christian Brothers College in St. Louis had challenged the Miners to a post-season contest but was turned down by the Rolla faculty which claimed excessive football would detract from the school's serious purposes, probably the first case of de-emphasis in college history.

Although some of the key players were out with injuries most of the Rolla team disregarded the faculty decree and journeyed to St. Louis for an unofficial charity exhibition with CBC. No one was sure the game would be played until the Miners arrived but they won easily, 27-6, in a cold December drizzle.

The MSM faculty expelled every player who appeared on the field in uniform against CBC. Thus ended Rolla's greatest year of football.

MINER SPORTS

FRIDAY, DECEMBER 11, 1964

THE MISSOURI MINER

PAGE 7

Miners Lack Rebounding in Opener; Bears Take 82-69 Win

Rebounding power is one of the most important elements a basketball squad can have. Coach Billy Key of the University of Missouri at Rolla Miners will tell you that fact, and he will also tell you that the MSM Five just didn't have it last Tuesday against the Washington University Bears. In the season opener for both teams, the St. Louis squad defeated the Miners 82-69 in a contest which was closer than the final score indicates, considering that the Bears have many key men returning this year.

Statistics show that MSM was out-rebounded 57-22. These figures point to the Miners' main weakness, since the field goal percentage established was .436 as compared to Washington's .500. The Miners out-shot the Bears from the free throw line, totaling 21 for 35 (.600).

Farber Scores 19 in First Half

The Miners were led by veteran Ralph Farber during the first half of the game. The 5-foot-11 senior burned the nets with 19 points in the first two quarters, but totaled only 22 for the entire game. Multiple defense tied up the All-Conference star, accounting for the three-point total for the second half. At the mid point, The Miners were down by ten, 46-36.

With Farber subdued, Rich Cairns, one of Key's most promising freshmen, went into action. Keeping MSM in the second half, Cairns scored 16 points by the time of the final buzzer, the only other Miner to reach double figures. Rich hit 6 for 10 from the field and shot .500 from the foul line.

Marty Howard was next in the scoring column with 8 points. The four-year letterman hit 4 out of 7 from the field and grabbed 4 rebounds. Gary Cassidy, a freshman forward from Normandy High in St. Louis, did a commendable job in his first college varsity contest. Scoring 7 points, Gary hit 3 out of 5 field goals and pulled in three rebounds. Jim Good totaled 6 points.

Bears Use Fast Break

Chuck Smith's Bears used the fast break frequently with marked success, and the scoring column points out five Bears in double figures. Wayne Williams led the squad with 16 points and 16 rebounds. Dancy, Spencer, and Vaughn tied with 13 apiece. Ron Jackson totaled 10 points.

The 13-point loss last Tuesday

was a far cry from the 107-66 thrashing given by the Bears in the opener last season. It is obvious that the outcome of this year's battle would have been decidedly tighter with better rebounding, and you can be sure that Coach Key has taken this to mind at practice. With a ten-day wait until the next encounter, the Silver and Gold of MSM should be ready to sweep the boards against McKendree on December 11.

MISSOURI MINERS (69)

Name	FG	FT	F	TP's
Good	1	4	5	6
Howard	4	0	1	8
Mitchell	0	2	4	2
Cairns	6	4	3	16
Farber	7	8	2	22
Cassidy	3	1	0	7
Head	0	2	0	2
Huegerich	2	0	2	4
Hornbuckle	1	0	2	2
TOTALS	24	21	19	69

WASHINGTON U. (82)

Name	FG	FT	F	TP's
Williams	7	2	2	16
Dancy	5	3	4	13
Kramer	4	2	4	10
Jackson	3	2	5	8
Spencer	5	3	4	13
Levitt	2	1	3	5
Vest	5	3	1	13
Vaughn	1	0	0	2
Heidbrink	1	0	2	2
TOTALS	33	16	26	82

INTRAMURAL BASKETBALL SCHEDULE

December 15 — January 7

	6:30 p. m.	7:30 p. m.	8:30 p. m.
Dec. 15	Wesley vs. Tech Club	Lambda Chi Alpha vs. Shamrock Club	B. S. U. vs. Sigma Pi
Jan. 4	Triangle vs. Sigma Phi Epsilon	Wesley vs. Kappa Sigma	Sigma Nu vs. Shamrock
Jan. 5	Tech Club vs. Delta Sigma Phi	Lambda Chi Alpha Tau vs. Kappa Alpha	Kappa Epsilon vs. Theta Xi
Jan. 6	Prospectors vs. Sig Tau Gamma	Fifty-Niners vs. Beta Sigma Psi	MRHA vs. Army Assn.
Jan. 7	Wesley vs. Theta Chi	Shamrock vs. Alpha Epsilon Pi	Sigma Pi vs. Tech Club

Junior Varsity Rolls Over Washington U.

The MSM Junior Varsity basketball squad scored its first win of the season last Tuesday in St. Louis as they defeated the Washington University JV's 83-74. Mike Huett led both teams in scoring, totaling 26 points. Herzing scored 24 for the Bears.

Len Borneman played a fine defensive game, and Coach Leo Christopher commented that the entire team did a good job. Vessells had 11 points, Meyers 13, and Cassidy totaled 10.

In a game Monday night, Drury College of Springfield downed the Miner JV's 75-64. High point man for MSM was Randy Vessells with 19, and he was followed by Cassidy with 11. Grace scored 24 for Drury, the high of the game.

The Miners will seek revenge against Drury on Monday, December 14, when the Springfield team will be visiting MSM for a junior varsity contest. Game time will be 7:30 p.m.

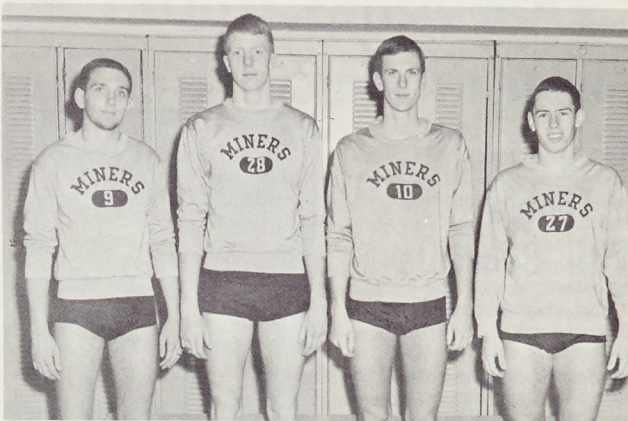
MSM Swimmers Look For Victory at Fulton

By Tom L. Joslin

The Miner varsity swimming team will begin its season Tuesday, December 15 when it meets Westminster at Fulton at 4 p.m. On Thursday of the same week, the squad will meet the Tigers of Columbia there at 7 p.m. Coach Burr Van Nostrand looks forward

year. Kent competes in the 200-yard butterfly and the 160-200 yard individual medley as well as in the 400-yard medley relay and the 400-yard freestyle relay events.

Other returning lettermen this year are: Tom Jones, competing in the 50-yard individual medley



Norm Nuss, Ken Krueger, Tom Jones and Rich Virtue.

to a successful season, with many returning lettermen and some good freshmen swimming for the Miners this year.

"The team should develop as the season progresses," Van Nostrand noted. "The first part of the schedule is on the road, so if we can come out even on the road, we should have a good season."

The most promising member is Kent Horner, a senior. His chances are good for getting the all time total season record this

and in the 100-yard freestyle; Ken Krueger, competing in the 200-yard backstroke; Reg Nations, in the diving event; Reg Short, in the 200-yard breaststroke; Norman Nuss, in the 200-yard individual medley, the 100-yard freestyle, the 200-yard butterfly, and the 500-yard freestyle; Blaine Rhoades, in the 100 and 200-yard freestyle and in the 500-yard freestyle; and Rich Garret, in the 200-yard backstroke and

(Continued on Page 8)

"STUDENTS"

WE SELL YOU WHOLESALE

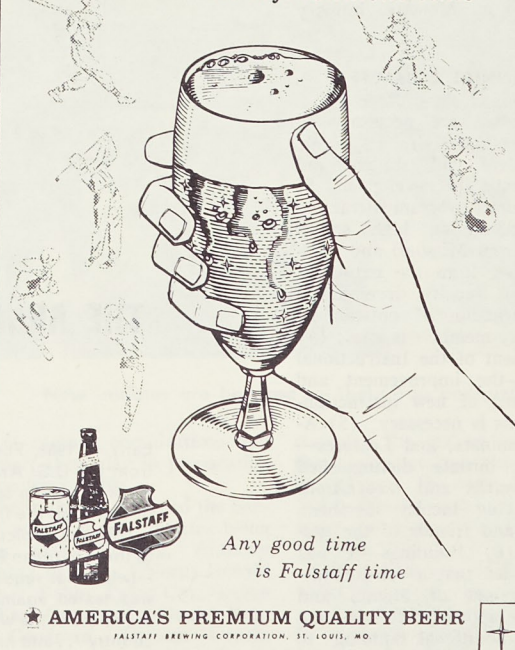
HOOK AUTO SUPPLY

513 Highway 63 South
ROLLA, MISSOURI

"Our Prices Are Right"

FALSTAFF WINS

at refreshment time



Distributed by

MUELLER DISTRIBUTING CO.

217 W. 6th St.

Rolla, Mo.

FULLER JEWELRY

THE FINEST IN DIAMONDS
AND JEWELRY
MSM CLASS RINGS and
MSM JEWELRY

715 Pine

Rolla, Mo.

Diehl Montgomery, Inc.

625 WEST 7th STREET
ROLLA, MO.

Your Ford, Mercury, Continental Dealer
Special Prices to All Students

GRADUATING STUDENTS

We Will Sell You any Ford Product for a
Small Down Payment!

MSM Varsity Swimming Schedule

Tuesday, December	15	..... Westminster, Fulton	4:00 p. m.
Thursday, December	17	..... Missouri U., Columbia	7:00 p. m.
Saturday, January	9	..... CMS, Warrensburg	2:30 p. m.
Saturday, January	16	..... St. Louis U., St. Louis	2:00 p. m.
Saturday, February	6	..... SWMS, Rolla	2:00 p. m.
Tuesday, February	9	..... Westminster, Rolla	4:30 p. m.
Friday, February	12	..... Indiana State, Rolla	4:30 p. m.
Saturday, February	13	..... Principia, Elsah, Ill.	2:00 p. m.
Tuesday, February	16	..... Pittsburg State, Rolla	4:30 p. m.
Saturday, February	20	..... Louisville U., Rolla	4:30 p. m.
February	26-27	..... Interstate Championships, Warrensburg	
Tuesday, March	19	..... N. C. A. A., St. Louis	

Miner Five To Tangle With Bearcats

Undeclared in their first four starts, the Bearcats of McKendree will visit Jackling Gym tonight for the first real test of the 1964-65 season. The Bearcats have beaten Concordia 100-75 in their most recent tangle, and closer to home they have downed the Cape Girardeau Indians, one of the topseeded teams of the MIAA Conference.

Boasting a basic attack built around two sharp-shooting guards, McKendree is not especially big, but they jumped well and move the ball with considerable speed. This contest will be a good indication of what the Miners will have to show for the remainder of this young season.

Bethel College of McKenzie, Tennessee, will be the next opponents for the MSM group. Two straight nights, December 16 and 17, will find the Wildcats here on the MSM campus for the third and fourth games of the year. Bethel is currently displaying a 2-win, 1-loss mark. Preliminary reports say that the squad has many junior college transfers on the roster. This "loading-up" technique is often used to promote team improvement.

Game time for all three games will be 7:30 p. m. Regularly scheduled basketball games will resume after the Christmas holidays with the first MIAA Conference game of the year. The Miners pay a visit to SMS at Springfield on Monday, January 4.

CENTENNIAL COMMITTEE

(Continued From Page 2)

of knowledge are necessary to enable the university to excel; (2) Student aid—student aid would permit the development of an admissions program attracting many outstanding high school students from Missouri and a select number from the nation at large; (3) Faculty development—the attraction of outstanding new faculty members is vital; (4) Improvement of the Instructional Program—the improvement and development of new instructional programs is necessary; (5) Awards, Seminars, and Lectures—we must initiate distinguished service awards and recognitions for deserving faculty members, students, and friends of the university; (6) Buildings—it was recommended that a sub-committee, composed of alumni and faculty, be appointed to stimulate plans for additional buildings to be completed by 1970; (7) Equipment—Equipment to meet the needs of research and instruction will be needed in increasing amounts.

MSM SWIMMERS

(Continued From Page 7)

the 200-yard individual medley events.

Freshmen joining the team this year include: John Rydberg, Bob Rands, Jim Goessling, Steve Ohnimus, Bill Meeker, Tom Pokrefka, Colin Cuneo, Jim Eason, and John Thompson. Wade Auld, a sophomore, is joining the team this year, too.

Many of the team's new members have already made a name for themselves at MSM in the intramural meet held recently. Their performance on the varsity squad is expected to be a great asset to the effectiveness of the team.

Sports Calendar

BASKETBALL

December 11	..... McKendree College, at MSM
December 16-17	..... Bethel College, at MSM
December 21-23	..... MIAA Christmas Tournament at MSM
January 4	..... Springfield, at SMS (MIAA)

SWIMMING

December 15	..... Westminster College, at Fulton
December 17	..... University of Missouri at Columbia

FORD MOTOR COMPANY BUILDS A TOUGH ONE

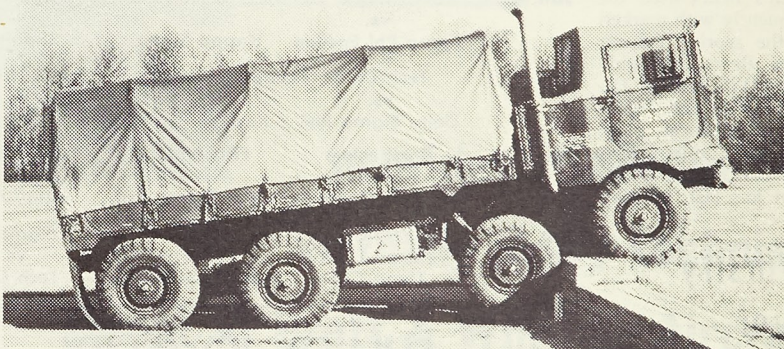
IT SWIMS

Ford Motor Company's new military truck floats. Air-inflated seals and internal air pressure keep the body and mechanical components dry. Its water speed is 2.5 mph.



IT CLIMBS STEPS

Climbing over a 27-inch high step or negotiating a 60% grade when fully loaded is no problem for this Ford vehicle. Proof that it can go over rough cross-country terrain.



IN FACT, THE ARMY'S NEW TRUCK GOES ALMOST ANYWHERE

Early in 1963, Ford Motor Company received a contract from the U.S. Army to design and develop a 5-ton cargo truck for use in tactical military operations. Before the end of that year, the first test unit had been designed and built.

This new vehicle, called the XM656 cargo truck, was sent to the Aberdeen Proving Ground for 40,000 miles of testing—twice that required for military acceptance. The vehicle was tested against road conditions that might be found anywhere in the world: swamps... loose sand... hilly back-country... and highways. During the test, the truck carried

a 10,000-lb. payload and, half the time, towed a 13,000-lb. load. Outstanding characteristics of the truck's design are its floatability, improved cross-country mobility, light weight, reduced need for maintenance and a multi-fuel power plant that will run on anything from diesel oil to gasoline.

This is only one of many exciting new developments at Ford Motor Company. From manufacturing to marketing, we are finding better ways to do things. Career opportunities at Ford Motor Company have never been better. Schedule an interview with our representative to find one just right for you.

THERE'S A FUTURE FOR YOU WITH... **Ford** MOTOR COMPANY

The American Road, Dearborn, Michigan

SIDELINES

by BRUCE T. GREGG



The intramural events each semester are conveniently scheduled before the main varsity sports. In this way individuals who show promise in intramural competition can be recruited for the varsity teams. This is another way in which the school can increase its varsity prowess.

Last week the MSM Junior Varsity Basketball team bested the Washington University JV's with a score of 83 to 74. Mike Huett was high point man for MSM with a total of 26. Mike is a freshman and plays guard for the team. Unfortunately the varsity squad was defeated 82 to 69 in their competition with the Washington University varsity squad.

The MIAA Christmas Basketball Tournament preparations are in full swing. As you know it will be held here in Rolla, on December 21, 22, and 23. There promises to be some stiff competition and attendance will be well worth your time. This is quite a big undertaking and students from all over the state will be attending. Student prices will be \$.75 for two games and \$1.00 for the two final games. General admission will be \$1.25 and \$1.50 respectively.

Last year's runner-up in the intramural swimming competition took the championship this year. This was the MRHA whose first place amassed a total of 140 intramural points. MRHA took first place in 4 events and consistently placed in the upper three in all the others. Last year Lambda Chi Alpha captured the team championship and in this year's competition they receded to second place with 135 intramural points. There were 26 teams in competition and the intramural points ranged from 140 to 47.5.

Former De
ship in MSM

I that "our
ade depends
lied as well
said that p
rch for know
ractical aim,
d scientist ha
pursuit of wh
nowledge and i
lained that
ad of the a
that the co
lear energy
es can prov
Is for the fut

Dr. Pla
Of Fiv

Five new facul
n added to the
1. Metallurgy,
Departments
eering, Geolog
tallurgical E
ring Enginee
nre, director
J.

Dr. Gordon I
faculty of t
ociate profess
eering and r
tessor of ma

NOT

With the ho
the coming Ch
tion, all stu
minded to dr
Check road c
fore starting t
and drive ac
The Traffic
wishes you a
py Christmas,
cessful New Y