



23 Oct 1946

The Missouri Miner, October 23, 1946

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 23, 1946" (1946). *The Missouri Miner Newspaper*. 1225.
https://scholarsmine.mst.edu/missouri_miner/1225

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.

EDITORIAL PAGE

To The Student Body

THE MISSOURI MINER

Missouri School of Mines & Metallurgy

SPORTS PAGE-Page 4

Maryville
vs.
Mo. Miners

VOLUME 33

ROLLA, MO., WEDNESDAY, OCTOBER 23, 1946

NUMBER 5

Dean Wilson Elected To ECPD, College Accreditors

At its 14th annual meeting held in New York City on October 18, 1946, the Engineers' Council for Professional Development elected Dean Curtis L. Wilson to serve a three-year term on its important committee on engineering schools. This committee supervises ECPD accreditation of engineering curricula. There are some 167 colleges and universities in this country offering engineering curricula so the country is divided into eight regions, each region having sub-committees for visitation and inspection. These sub-committees report to the main committee on engineering schools, which is made up of eight members.

Dean Wilson succeeds Dean E. A. Holbrook of the University of Pittsburgh. Dr. D. B. Prentice, President of Rose Polytechnic Institute, Terre Haute, Indiana, is Chairman of the committee on engineering schools.

A. P. O. Invites All Former Boy Scouts To Meet

Alpha Phi Omega, Beta Omicron Chapter will meet this Thursday in the Chapter Club Room in the Power Plant Building at 7:30 p. m. All men who were at last week's meeting and any other students who were once Scouts are urged to be present at the meeting tomorrow night.

The chapter met last Thursday to discuss plans for the coming semester and to explain to the many guests the purposes of A. P. O. Among projects for this semester are the acting as guides for Parents-Engineers Day, printing of desk size blotters which the chapter has distributed to the students in previous years, and the enlarging of the chapter room and conversion into a study lounge for students. This study-lounge will occupy the complete second floor of the old power plant except for the small portion now used as a dark room. The process of converting these rooms into the lounge will begin shortly and it is hoped that they will be ready for use by the end of next month.

The main speaker of the evening was Assistant Dean Williams whose topic was "Scouts on the Campus". He discussed the services that can be rendered by Scouts on the campus through a service fraternity such as A. P. O. and gave some examples of projects for development in the near future. One of the most interesting portions of the talk was his discussion of the various service organizations of the world.

Shanfelt Of Eng. Club Wins Cross Country

The Intra-Mural Cross Country run, held last Saturday, between the halves of the Miner-Maryville football game, was won by M. Shanfelt of the Engineers Club, in the slow time of 5:31.5. He was followed to the tape by Herman (TKP), Maag (Eng. C.), and Bush (PKA), in that order. There has been considerable talk among members of the Intramural Board, in regards to protesting Shanfelt's victory, because he received an "M" as a member of MSM's track team, last spring.

On the first lap, Theta Kappa, red-haired, Herman sped to a 20 yard lead, only to lose it to Shanfelt, as they re-entered the stadium and started down the "home stretch."

With Shanfelt and R. Maag winning first and third respectively, the Engineer's Club won the most points in the meet, taking 360. The Pi Kappa Alpha's won second, on points scored, with 220, when Joe Bush and Bob Geverker won fourth and sixth. The Theta Kappa Phi's won third place, winning 175 points on the strength of Herman's second.

The results:

1. M. Shanfelt, (Eng.)—2. Herman, (TKP)—3. R. Maag, (Eng.)—4. J. Bush, (PKA)—5. J. Cook, (Sig Nu)—6. B. Geverker, (PKA)—7. J. Calhoun, (Frosh)—8. R. Walker, (La Chi)—9. T. Long, (Triangle)—10. Mirosek, (Sig Nu)—11. Schirmer, (K Sig)—12. Gardner, (K Sig).

G. E. House Of Magic Show To Be At Parker Hall Fri.

General Electric's "House of Magic," one of the hit shows of the New York World's Fair and of every major exposition since Chicago's Century of Progress, will be presented at Parker Hall Auditorium Friday, Oct. 25, 2 p. m. 3:15 p. m. and 8 p. m.

A man walking away from his own shadow, the world's first sun motor of its size and kind, and visible sound and audible light are some of the demonstrations which startled World's Fair audiences and will be seen here by arrangement with the research laboratory of the General Electric Company.

The presentation will be under the direction of C. E. Gluesing, who in private life is a real magician as well as a scientific one, and whose gift of showmanship makes the "House of Magic" as entertaining as it is educational.

The "House of Magic" is the name originally given to the research laboratory of the General Electric Company, over the protests of the nearly 400 serious-minded scientists who work there.

From the research laboratory come the effects and demonstrations of the "House of Magic" show which suggest new developments for the future that the average layman never dreamed of.

A phosphorescent screen enables Gluesing to walk away from

his own shadow, shake hands with his shadow and roll it up into a box.

Music is sent across the stage on a beam of light with the aid of a special lamp and a phototube, commonly called the electric eye. The special lamp sends a beam of light which changes with all the musical vibrations of a phonograph record. While the human eye is too slow to see the light changes, the electric eye sees each change and records it as a change in sound on the loudspeaker. This same experiment of carrying sound on a beam of light has been performed in Schenectady for a distance of more than 25 miles, from airship to earth and from a moving train to station platform.

While the electric eye is making it possible to "hear" light, a cathode ray oscillograph at the same time makes it possible to "see" sound in the form of waves recorded on the tube.

Many other interesting demonstrations will be seen in the "House of Magic" presentation, including a miniature electric locomotive controlled by commands of the voice, a "kidnap detector," and beautiful color changes produced under "black light."

MINER SPIRIT RETURNS AFTER WAR TIME LULL

On Saturday afternoon, October 19, 1946, that long lost commodity called school spirit came back to Rolla after a prolonged absence during the war. Immediately following the football team victory over Maryville, several hundred students and dates formed an impromptu parade behind the school band, and marched from the football field to 8th and Pine. There, a circle was formed with the band in the center and a rousing celebration in the old fashion way was held.

Many songs filled the air, and after the departure of the band the traditional bonfire was started in the middle of the intersection. The good citizens of Rolla joined in the festivities like good sports and everyone enjoyed themselves.

"Hats off to the police, who understand the difference between vandalism and good, clean, enthusiastic celebrating that followed the first ringing of the old bell by the Freshmen in announcing the victory," many MSM men are saying. Many of the students are thanking the local movie man, Carney, for the free show he gave the Miners at the Uptown at the close of the celebration.

The inspector was paying a hurried visit to a slightly over-crowded school.

"Any abnormal children in your class?" he inquired of one harassed-looking teacher.

"Yes," she replied, with knitted brow, "two of them have good manners."

Miner Football Team Defeats Oklahoma A & M 14-0, St. Louis U. 63-0, Pittsburg 104-0 In 1913-14

By Fred Springer

Intercollegiate and intramural sports have always held their place in Missouri School of Mines history but the 1913 and 1914 football team will probably remain longer in the hearts of true Miners than anything else. The athletic events for the school in those years were carried on under the supervision of two agencies—The Athletic Association and the Athletic Board of Control. The coaches during those years were Thomas Kelly and Wm. Saunders.

During the 1913-14 year this team, under the coaches named, played with the following results:

Miners 51 Cape Girardeau Normal 0
Miners 7 Christian Brothers 7
Miners 60 St. Louis U. 0
Miners 26 Drury College 0
Miners 14 U. of Missouri 44
Miners 19 Washington U. 3
Miners 74 Verona A. C. 6
Miners 14 Oklahoma A & M 0
Total Points: Miners, 265; Opponents, 60 points.

The following season, in the fall of 1914, the Director of the School,

Professor Garrett, stated that one of the purposes of his administration was to put the Missouri School of Mines on the map by having a great football team. This purpose was most fully achieved as you will see from the following results of this famous all star team.

Miners 19 Washington U. 0
Miners 40 Arkansas U. 0
Miners 87 Kansas Miners 0
Miners 68 Drury College 0
Miners 104 Pittsburg (Kansas) Normal 0
Miners 150 Kirksville Osteopaths 0
Miners 9 University of Missouri 0
Miners 63 St. Louis U. 0
Total points: Miners, 540; Opponents, 0.

For the first and only time in the history of this school, the Miners defeated the Missouri Tigers and sent them running away. The following two excerpts from various newspapers tell the story.

"Columbia, Missouri, October 3.—Three fields goals from place-

Safety Engineer To Talk At Open Meeting Of ASME

ASME has been able to obtain a prominent safety Engineer from St. Louis to be guest speaker for their Wednesday meeting, Mr. B. S. Cornwell, graduate of MSM, class of '22, is at the present time Safety Engineer for the Insurers Service Corporation of St. Louis, and has consented to come to Rolla to speak to the students of MSM on the subject of "Industrial Safety," a subject of vital interest to all good successful engineers. Because of this general interest of all engineers in the subject, the members of ASME have decided to hold the meeting in the Auditorium and invite all students to attend. The meeting will begin promptly at 7:15. This will be an excellent opportunity for obtaining first hand practical engineering ideas from a well known professional engineer on a subject so closely connected with all types of engineering.

J. W. Bronson To Address A. I. E. E. Group Tonight

Mr. J. W. Bronson, manager of the Power and Light Utilities of Rolla will speak to the AIEE Wednesday night on the subject of "Power Distribution." Samples of distribution wire and cable, plus bus wires and cable connector units, will be exhibited, and the methods of making such connections will be demonstrated.

The nature of this meeting will be primarily instructive, since the subjects covered will be those not usually encountered in the classroom. The demonstration of cable specimens and conductor fastenings will be particularly instructive in a practical way, since there are very few if any such connections to be made in a laboratory.

Other Sports Weaken Fencing Club Membership

The "gay blades" of the Fencing Club still continued to clash this week; although they are somewhat weaker due to the organization of the basketball team and intramural sports. The spirit of turning up for one meeting and then doing a fade-out is rapidly giving the coup de grace to the club.

Hard-working prexy Perry, has been sitting up nights trying to figure out ways to get enough representatives from the various organizations on the campus to decare the club on the intramural list of sports but, so far, cooperation from the fellows has been slow.

Young man who gets paid on Monday and is broke by Wednesday would like to exchange small loans with someone who gets paid on Wednesday and is broke by Monday.

CEILING PRICES

Chili 15c
Chili in a bowl 20c
Chili in a bowl with crackers... 25c
Chili in a bowl with crackers, spoon, and glass of water... 30c

Three Weeks Of Events To Mark Mo. School Of Mines 75th Anniversary Celebration

Events To Start On Oct. 26 With A. S. E. E. Meeting

The first event of the Missouri School of Mines Seventy-Fifth Anniversary Celebration will be held on October 26 when the Missouri Selection of the American Society for Engineering Education holds its annual meeting.

Included in the program of events for the meeting will be group conferences and addresses by prominent educators in various fields of engineering.

Among those giving addresses will be Professor H. O. Croft, Chairman, Department of Mechanical Engineering, University of Iowa, and President of the American Society of Engineering Education—Dr. Curtis L. Wilson, Dean, School of Mines and Metallurgy, University of Missouri—Professor A. S. Langsdorf, Dean, Schools of Engineering and Architecture, Washington University—Professor Harry A. Curtis, Dean, College of Engineering, University of Missouri—and Professor H. W. Wood, Jr., Department of Civil Engineering, University of Missouri.

Professor Croft who will speak on "Scientists, Engineers and Peace" at the engineering society's dinner meeting was formerly a Professor of Mechanical Engineering at Stanford University and the University of Illinois. He attained professional prominence as Chief Engineer for Swift and Company, Denver, Colorado, and Construction Power Plant Engineer for Durbin Van Law. His scientific articles concerning heat transmission in boilers are outstanding documents in mechanical engineering.

After having attended Baltimore City College, Montana School of Mines, Columbia University and obtained his Doctor of Philosophy Degree at the University of Göttingen, Germany, Dean Wilson became Assistant Research Director for Anaconda Copper Mining Company in 1920. He was then awarded a Professorship in Metallurgy at the Montana School of Mines. In 1941 he became Dean of the Missouri School of Mines. An outstanding educator in the field of Engineering, Dean Wilson is a member of the American Institute of Mining and Metallurgical Engineers, Institute of Metals (London), American Chemical Society, and Montana Society of Engineers.

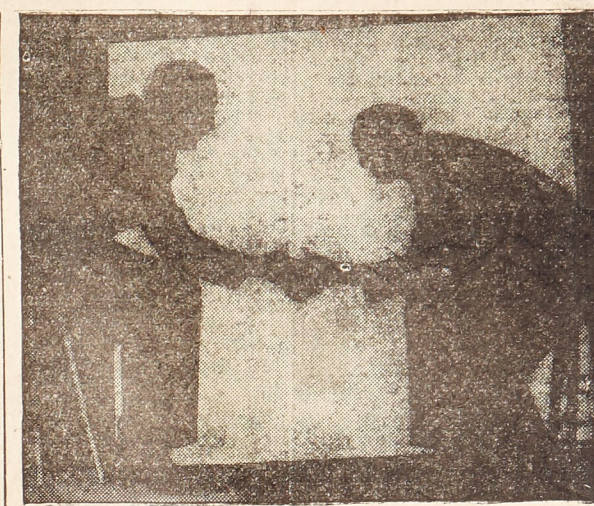
Dean Langsdorf of Washington University was formerly Engineer and Secretary of the Cruden Martin Manufacturing Company, Vice President and Chief Engineer of the Alvee Manufacturing Company, and Director of Industrial Engineering and Research at the University of Washington. He has written books on "Principles of Direct Current Machines" and "Theory of Alternating Current Machinery."

An eminent authority in his field, Dean Curtis of the University of Missouri, was the Chief Chemical Engineer of the Tennessee Valley Authority in 1933. He has also been a Chemical Engineer for the Army Ordnance Department, Chief Chemist for International Coal Products Corporation, General Manager of Clinchfield Carbocool Corporation, Chairman of the Chemistry Division of the National Research Council, as well as Professor of Chemical Engineering at Yale University, Northwestern University, and University of Colorado.

Before becoming president of the Missouri Section of the American Society of Engineering Education, Professor Wood of the University of Missouri was Chief Engineer of the Current River Power Company and Canadian River Power Company at Kansas City. He was also Field Engineer of the National Line Association, Field Representative of the Portland Cement Association, and Sales and Service Representative of the Missouri Portland Cement Company.

The complete program of events for the Missouri Section of the American Society of Engineering Education on October 26 will be as follows:

9 a. m.—Registration.
10 a. m.—General Meeting.
(1) Address of welcome by Dean Curtis L. Wilson.
(2) Announcements by Professor Langsdorf.
Continued on Page 3



C. Edward Gluesing shakes hands with his own shadow in the General Electric "House of Magic" science show. A phosphorescent screen enables him to walk off the stage and leave his shadow behind, fold his shadow up in a box, or to do any of the many things you may have wished you could do with your shadow.

State Meeting Of Acad. Science To Be Here Nov. 1

Local Chapter Plans State Meeting

The local chapter of the Missouri Academy of Science met last Wednesday in Norwood Hall to discuss the plans for the state meeting which will be held here November first and second. This meeting will begin November first around noon, at which time there will be a meeting with the presentation of scientific reports as the main topic. It was learned that two papers will be presented by M.S.M. students. Following this meeting a banquet will be held. This banquet will be open to anyone who was, is, or desires to be a member of the organization. Although the cost of tickets has not been determined, it is urged that anyone desiring to attend the banquet call Fred Springer at 13 and make reservations.

The topic of discussion for the meeting held last Wednesday was, "The Prospect for Engineers upon Graduation". The discussion was led by Mr. George W. Farrar, head of the Veterans Guidance Center. He gave the various fields which would offer promise for the future and those which would not. The fields which have the best prospects include Chemical Engineering, Civil Engineering, Electrical Engineering, Industrial Engineering, Mechanical Engineering, and Mining Engineering. Probably the best field will be Ceramics due to the small number of men in that profession and to its great advancement in recent years. He concluded by stating that the engineer should not be swayed too much by the prospects.

Continued on Page 3

LOCAL LAWYER TO SPEAK AT CVA MEETING

The second meeting of the Campus Veterans Association of this semester has been scheduled for Wednesday night, October 30th at 7:00 P.M. in the auditorium of Parker Hall. With the general election coming up November 5th, the program committee has secured Mr. Northern, prominent Rolla attorney, as a guest speaker for the evening. Mr. Northern has expressed a desire to address the veterans organization concerning the new Missouri constitution in regard to the eligibility of veterans voting here who do not have a legal residence in Rolla. Since it is the duty of every eligible person to vote, Mr. Northern's address should be of interest to all veterans.

At the last meeting of the CVA, it was agreed that boxes should be made and placed in various parts of the campus for the purpose of collecting suggestions from students and faculty. Through the past two semesters the Campus Vets have been fighting successfully for adequate housing for veteran students, and now that that program is nearing completion, the Association is now looking for new projects and reforms. With a numerical membership equaling almost one half the number of enrolled students now in school, the organization feels itself large enough to launch itself on a new project. The suggestion boxes are for the purpose of collecting any ideas concerning new projects from any student or faculty member. A prize of five dollars has been offered for the best suggestion made during this semester.

Continued on Page 3

Precious Metal Zirconium Is Rolled By Campus Met. Students

Graduate students of the Department of Metallurgical Engineering last week had the unusual task of rolling zirconium ingots into thin sheets. The exceptional nature of this operation can only be appreciated when it is realized that ductile zirconium metal is so rare that it has a sales price greater than that of gold.

The ingots of zirconium were produced in Oregon by the U. S. Bureau of Mines and shipped to Rolla to be rolled under the direction of Dr. W. A. Schlechten, Chairman of the Department of Metallurgical Engineering, who has had experience in treating the metal. The raw material used in making the zirconium is zircon sand, which is a mineral of the same composition as the gem zircon that are used in jewelry.

Zirconium metal has been known for many years; the chief difficulty has been to produce it in pure enough form so that it will be soft and can be forged and rolled. The pure metal has outstanding resistance to corrosion as it is not attacked by either concentrated hydrochloric or nitric acids.

War time research has shown that zirconium is an excellent metal for vacuum tube construction. For this reason many investigations are being carried on to determine methods of lowering the cost of production of the metal.

The rolling operation was carried out under carefully controlled conditions using the large rolls of the Rolla Station of the U. S. Bureau of Mines. Roger Moeller and Bob Ray, graduate students in the Metallurgy Department, operated the furnaces and the rolls that were used.

Dr. Schlechten states that it is of great value to the students to become familiar with such metals as zirconium and titanium that will be of importance in the future. The cooperation of the U. S. Bureau of Mines, under the direction of Mr. C. T. Anderson, in making available their excellent equipment to the students of M. S. M. means that in combination with the laboratories of the school we have the best facilities of any metallurgical laboratory in the country.

Pres. Of Union Pacific Coal To Speak Here Nov. 6

Convocation commemorating the Seventy-fifth Anniversary Celebration of the Missouri School of Mines will be held on November 6. Dr. Frederick A. Middlebush, President of the University of Missouri, will preside, and Dr. Eugene McAuliffe, president of the Union Pacific Coal Company, will deliver an address on "The Engineer's Contribution to Society and the World."

Dr. McAuliffe, known throughout the world as the founder of modern-day mining codes, received a Doctor of Engineering Degree, Honoris Causa, from the School of Mines and Metallurgy, University of Missouri, in 1927. In addition to being Chairman of the Executive Board of the Union Pacific Coal Company, he is also president of the Washington Union Coal Company, Southern Wyoming Utilities Company, and Union Pacific Water Company.

Recognized as an eminent authority on fuel, coal traffic, and coal mine development and operation, Dr. McAuliffe, having served as a consultant to the late Franklin D. Roosevelt on labor problems, is also widely known for his contributions to the field of labor relations. It was Dr. McAuliffe who directed the establishment of the world-famous social colony in Rock Springs, Wyoming, the seat of the coal mining operations for the Union Pacific Coal Company.

Although he was born in Maidstone, Kent, England, McAuliffe was educated in private and public schools of Toronto, Canada; Fargo, North Dakota; and Moorhead, Minnesota. From 1886 to 1903 he was an engineer in the motive power departments of various railways of the United States and Mexico, after which he became Fuel Agent for the Rock Island Lines as well as president of the Brazil Coal Company. After returning to the Frisco Lines as General Coal Agent in 1910, a position which he held for seven years, he was then made a president of the Union Pacific Coal Company. In 1923 he was made president of the Union Pacific Coal Company, a position he has held to the present.

Dr. McAuliffe served as Manager of the Fuel Conservation Section of the United States Railroad Administration and at various times since 1929 has served as director, vice president, and president of the American Institute of Mining and Metallurgical Engineers. He is a member of the American Mining Congress and has written several books in the field of mining engineering, the most outstanding of these being Railway Fuel and the Romance and Tragedy of Coal. At the present time he is sponsoring the Employees' Magazine, a monthly periodical devoted to the interest of the coal miner and his family.

Attending the convocation will be visiting alumni, delegates from other educational institutions in Missouri, faculty members and their wives, townspeople of Rolla, guests of the Board of Curators of the University of Missouri, and representatives of student organizations of the Missouri School of Mines. Also in attendance will be Phillip Donnelly, Governor of the State of Missouri.

According to Dean Wilson, the Board of Curators of the University of Missouri will attend the academic convocation and will hold afternoon and dinner meetings in Rolla on November 5. It is planned that a reception will be given by the Board on the evening of November 5 in Jackling Gymnasium. Dr. Frederick A. Middlebush; Mr. Leslie Cowan, Vice President of the University of Missouri; Dean Curtis L. Wilson; Dr. Eugene McAuliffe; and members of the Board of Curators will be in the receiving line.

Members of the committee in charge of the convocation ceremony include Professor E. A. Goodhue, chairman; Dean Curtis L. Wilson, Assistant Dean Rex Z. Williams, Mr. Gale Bullman, Professor W. J. Jensen, Professor J. B. Butler, Professor Paul G. Herold, and Dr. W. T. Schrenk.

Little Boy: What makes the traffic light turn red?
Friend: You would too, if you had to stop and go on every corner!

THE MISSOURI MINER



THE MISSOURI MINER is the official publication of the students of the Missouri School of Mines and Metallurgy. It is published at Rolla, Mo., every Tuesday 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.

Subscription Price 75c per semester. Single Copy 5c.
(Featuring Activities of Students and Faculty of M. S. M.)

STAFF OFFICERS

EDITOR-IN-CHIEF CECIL A. BRANSON
MANAGING EDITOR GEORGE RAMSEY
ASSOCIATE EDITOR PETE VAIDA
BUSINESS MANAGER ARTHUR FULDNER
CIRCULATION MANAGER ERIC ROLAFF
SPORTS EDITOR GENE TYRER
EXCHANGE EDITOR FRED SPRINGER

Staff Members

News Department
E. L. Aubuchon, Will Bishop, Berny Enfield, Richard Farrell, Frank Fennerty, Carl Hechinger, Bill Hickman, J. F. McCarthy, John Mitino, John Ratcliff, Willard Schaeffer, Fred Springer, David Wisdom, George Wood.
Business Staff
Don Eason, Stan Johnson.
Circulation Staff
Peter Bernell, Henry Kruse, Tharp Mann.
Reporters:—Padfield, Murney, Weber, Raymer, Bouchart, Fields, Castleberry, Hetherington, McCallister, Flynn, Miller, DeBolt, Martin, Walrath.

Member
Associated Collegiate Press
Distributor of
Collegiate Digest
Represented for National Advertising by—
National Advertising Service, Inc.
College Publishers Representative
420 Madison Av., New York, N. Y.

To The Student Body

On both of the last two week-ends the Miner football team has won conference games. Everyone has been pleased with these victories, and has rejoiced with the student body. Everyone has been glad to hear the Victory Bell ring again, and to witness the bonfires. But, along with these traditional methods of celebrating a football victory have come some new innovations, not traditional, and not in keeping with the Miner spirit. That the huge majority of the students does not condone these new and destructive innovations is indicated by the relatively small portion of the student body involved in them. Unfortunately, the entire student body is blamed for the acts of a few, and therefore those few deserve the criticism and chastisement which the bulk of the student body might feel is due.

The specific acts which have not been in keeping with tradition include the method followed when ringing the Victory Bell. Prior to this year the Rolla Building was occupied by the Missouri Geological Survey. The Victory Bell was rung only after proper admittance to the building by some person with a key. Celebrating students were present in small numbers only, and did not have access to all parts of the building. There was some supervision to guard against fire, and the students did not go to the roof of the building. Furthermore, after a reasonable amount of bell ringing, the visitors ceased and did not ring the bell again until the next football victory. Now the Rolla Building is used as a class-room and office building. It is directly under the school's jurisdiction, and is locked at the end of the day. Students are not supposed to be in the building after closing hours except under the jurisdiction of some organization whose officers have a permit for use of the building. Upon presentation of such a permit, the building is unlocked by the watchman or other authorized person, and the visitors proceed with whatever activity the permit calls for. On the last two week-ends these regulations have not been observed. Doors have been broken open, locks have been ripped off, windows have been broken, the roof has been damaged, and cigarettes have been tossed on combustible floors. Scores of students have milled around on a roof which was not designed for such loads and which has no guard rails. Such actions now must end. It must be understood that persons in the building after hours must have the authority of a permit. It is not intended to prevent ringing of the Victory Bell, but it is intended to regulate such ringing in the traditional manner. The Student Council is being requested to oversee this activity, and it will receive full support from the school.

The action at the bonfires held in the downtown section is another example. It is not the bonfires, nor the singing, nor the cheering that the general public objects to. In fact, the citizens even seem willing to permit traffic to be blocked and pavements damaged in order that the student celebration may go on. But when delivery trucks are stopped and their contents burned, and when building materials stored at construction jobs are pilfered and burned, the general public does object. And the 2000 or 2050 students not guilty of such acts should object to the 50 or 100 who are branding the entire 2100 with an off color reputation. Why not sponsorship of the bonfires by some student organization? Then fuel could be provided without taking some \$40.00 or \$50.00 worth of lumber from a church that is struggling to reconstruct its building. Do you expect a church to finance your celebration? Do you expect private citizens to pay the cost of redecorating buildings smeared by a few thoughtless students? Do you expect to stop trucks on a public street and take what you want without thought of permission or payment? If your answer is no, then regulate those few who make it appear that the student body approves of such vandalism!

Dean, Curtis L. Wilson



How many men have transferred from this school since all the departments have not been accredited? And more important yet, when are our un-accredited departments going to become accredited? How will it affect the men who are graduating from an unaccredited department? Will they have to return here after their department becomes accredited if they are to receive the same consideration as those graduating from the fully accredited departments? Is a degree any use to a man if it comes from an unaccredited institution? How does industry receive such a certification? These questions are being asked over and over again in bull-sessions all over the campus. In view of the point that the answers to these questions and related topics is of concern to us all, a comprehensive statement concerning this problem should be forthcoming from responsible sources. It is suggested that a statement be made by the department heads for the entire school as well as for their own students, so that a full knowledge of the facts are in the hands of every interested party. Let no MORE malicious rumors about our school get started.

ED. NOTE: We shall try to have answers for all questions for next week's edition.

Love is when she sinks in his arms and ends with her arms in his sink.

Letter To Ed.

Dear Sir:
I've known for a long time that I'm not brilliant. I certainly was not brilliant enough to find all the things wrong with Bill Bucha's letter, printed two weeks ago that Mr. A. Typhus Shot was able to find. On the other hand, it did not take a large portion of brains to see what was wrong with the letter by Mr. Shot.

Perhaps the letter by Bucha was sort of dramatic in spots. However, he did bring out some very good points about the Miner's lack of mention the various recreation spots in and around the town, and the fact that Saturday afternoon classes force some fellows to miss the football games.

Now we come to Mr. 'Shot's' great literary effort. First of all, I don't believe that anyone has the right to criticize anyone else without putting his signature to the criticism. Secondly, it's very easy to just criticize someone, but not quite so easy to do so constructively. So, if you're going to take the trouble to criticize at all, why not do it right? Instead of just writing a meaningless paragraph, filled with a lot of adjectives, and some phrases which were meant to be funny, say something worthwhile. This would be far better than just taking up space which could be used to better advantage, to 'knock a guy' for making an effort to get the Miner to do the job it's supposed to do, to be of service to the student body.

Yours for a bigger and better Miner,
S. Megiff

Father: Johnny, what makes you skip school all the time?
Johnny: Class hatred.

"Your greatest asset can be protected so cheaply
Why not investigate today?"

John W. Warsing, Jr.

Health — Accident — Hospitalization — Life
INSURANCE
Phones: 746—630J Rolla, Mo.

Wanted M.S.M. STUDENT Linotype Operator

Earn good money working part-time outside your regular class hours. You must be experienced and capable of setting a fair amount of clean type per hour.

APPLY AT
Rolla Daily News

G. L. CHRISTOPHER, JEWELER
FINE JEWELRY
Guaranteed Repairing
805 Pine St.

WELCOME MINERS

To Our Fountain
GADDY'S DRUGS
9TH & PINE
Drugs & Sundries

MINERS!
Be Well Groomed
Come To

Modern Barber Shop
9th and Pine

POP. KELLEY'S

1005 PINE

PHONE 972



The first big dance week really started the fall social season at MSM off right. What with two good dances and a 25-0 victory in the football game, everybody was bound to be happy.

Possible exceptions are those two bonnie lassies from Salem who came down to Rolla to be the dates of J. Brooklyn Sarzin and Bob Shroyer, two of the brighter luminaries around school here. It seems that the two fellows had a change of heart and decided that they didn't want dates with aforementioned bonnie lassies after all. With a parting kiss and two bucks apiece, Brooklyn and Shroyer sent the girls out to Dean's Air Castle — what imagination it took to name that place!—and to there await their coming. As far as anyone knows, the damsels are still waiting.

The thought of Dean's Air Castle brings to mind one of the cheaper tricks of the trade. The management has a cute little trick worked out to get a little more cash from the poor suckers that go out there. First they sell you drinks, being careful to retain a quite adequate deposit on the bottles. This goes on merrily all evening, until you get ready to pack up and go home. Then you discover that the drink concession has apparently folded up, long, long ago. You also discover that you are stuck with all the empty bottles. Of course no warning has been given as to this closing up business. Few care to bother taking the bottles home, so Dean gets bottles plus deposit. Nice, hey?

The bonfire that graced Rolla's main intersection this last Sat. afternoon was a "beaut" as was the one that came a little later in the day. The only thing that happened to mar the crystalline brilliance of the scene of the fire department complete with hose and water. Soon the once beautiful fire was a smoldering mass of charred plank and ashes. The next fire could well be put out the same way if preventive measures are not taken.

Roses to Doc Carney, who finally broke down and gave the Miners a free show.
The show by the loudness of the Signs of the times: An enthusiastic section (about four men) yelling for their football hero, No. 62; "Put him in, Coach, he's fresh." Apparently the coach didn't agree on sending 62 in, but he certainly was fresh, even after the game. . . . Doc Caldwell of Organic fame, amusing all his students no end, as he attempts to insert an individual personality into each and every little molecule. . . . Fuller, of PIKA, floating dreamily around the floor Saturday night with a ravishing female, and looking very much in love. . . . Bob Devine, with a pleased expression on his puss and the inevitable pipe in his mouth, squiring his wife to the social doin's. . . . Half of the unmarried men of the Snake house fighting over a beautiful blonde from St. Louis complete with new car. . . . Charlotte's eyes a bitter green after the Lambda Chi party, quote Charlotte, "That she-devil just better leave him alone." . . . also Charlotte's date, Ronnie, wondering if she was his date or a half dozen other fellows'. . . . Fowler, giving out once again with his incoherent solos, while waving that pitcher full of sloe gin. . . . The mighty and terrible sheriff of Phelps County ineffectually waving his popgun after the Miners took away his hat and blackjack. . . . The same sheriff, two drinks later, heaving happily on the proceedings and reaching for another free swig. . . . The good cheer that prevailed at the football game and after coming equally from football spirits and Pop Kelly's spirits. . . . Aubuchon gaily walking the lonelier streets of Rolla with a very cute blonde. . . . Jammed in at the dances like sardines in a can, but having considerably more fun. . . . MacPheeters of KA, the buyer and seller of cars and peanuts, looking around eagerly for another car that he can buy, fix up, and sell for a loss



DR. BAKER
715 Pine St., Rolla Mo.
Phones—Office 560 Res. 620-R

WHAT WHERE & WHEN

WEDNESDAY, OCTOBER 23
American Institute of Electrical Engineers — 103 Old Chem. Bldg. — 7 p. m.
American Society of Mechanical Engineers — Auditorium — 7:15 p. m.
American Society of Civil Engineers — 300 Harris Hall — 7 p. m.

Junior Class Meeting — 193 Old Chem. Bldg. — 5 p. m.
Rollamo Board — 104 Norwood Hall — 7:30 p. m.
THURSDAY, OCTOBER 24
American Institute of Chemical Engineers — 103 Old Chem. Bldg. — 7 p. m.
Glee Club — Auditorium — 7 p. m.
Alpha Phi Omega — Chapter Room — Power Plant Bldg. — 7:30 p. m.

FRIDAY, OCTOBER 25
House of Magic Program — Auditorium — 2 p. m., 3:15 p. m., 8 p. m.
Alpha Epsilon Pi — 228 Metallurgy Bldg. — 7:30 p. m.

SATURDAY, OCTOBER 26
Sigma Nu Dance at Sigma Nu House.
Triangle Dance at Triangle House.

TUESDAY, OCTOBER 29
University Dames Style Show — Auditorium — 7:30 p. m.

The lock on the door to the roof of the Rolla Building splintered and the bell tolling (Hint to eager bell ringers: there is an easier way to ring the bell on the second floor without splintering doors, why don't you try it!). . . . Joe Schulte trying to be objective as he dances with a cutie from Jeff City. . . . The same Joe, playing football the next day. . . . Wow, what a man. . . . The cheer leader from Mu Theta Nu, continually advising the crowd to "Talk it up, talk it up." Been listening to too many Cardinal games? . . . Dale Boyd seemingly coming out the winner in fight for a beautiful blonde. . . .



Cooking handsets with Radio Waves

After V.J. Day, the demand for telephone equipment was at an all-time high. Total requirements for telephone handset handles, for example, were 33 per cent above the highest previous production rate. New molding presses were being built at a rate of one per month. It was up to Western Electric engineers to find a way to make these important parts twice as fast as they had ever been made before. So they called on wartime experience with electronic pre-heating of plastics — cooking with radio waves.

The method formerly used to produce the handles was to mold granular plastic into solid handles with conductor wires imbedded in them. In the new method, granular plastic is first molded into a "pre-form," about the size and shape of a hockey puck. These forms are then "cooked" or heated to the consistency of butter by subjecting them to high frequency current—then placed in molds for final shaping. The new handles have hollow cores through which the insulated conductors are pulled.

This method doubles the output of handles, increases strength due to more uniform heating, improves finish, reduces amount of material used.

Manufacturing telephone and radio apparatus for the Bell System is Western Electric's primary job. It calls for engineers of many kinds — electrical, mechanical, industrial, chemical, metallurgical — who devise and improve machines and processes for large scale production of highest quality communications equipment.

Western Electric

A UNIT OF THE BELL SYSTEM SINCE 1882

EAT
at
EARL'S
★
Earl's Sandwich Shop
Across from Kroger's



An Engineer — Friend In Need

One day three men, a Lawyer, a Doctor, and an Engineer, appeared before St. Peter as he stood guarding the Pearly Gates.

The first man to step forward was the Lawyer, with confidence and assurance, who proceeded to deliver an eloquent address which St. Peter dazed and bewildered. Before the venerable Saint could cover, the Lawyer quickly handed him a writ of mandamus, pushed aside, and strode through the open Portals.

Next, came the Doctor. With impressive, dignified bearing, he introduced himself: "I am Dr. Brown." St. Peter received him courteously, and many who preceded him said, "I feel I know you, Dr. Brown. Many who preceded you said, 'Welcome here. Welcome to our City.'"

The Engineer, modest and diffident, had been standing in the background. He now stepped forward. "I am looking for a job," he said. St. Peter warmly shook his head. "I am sorry," he replied. "I have no work here for you. If you want a job, you can go to Hell, have no work here for you. The Engineer, and made him feel response sounded familiar to the Engineer, and made him feel at home. "Very well," he said. "I have had Hell all my life and I can stand it better than the others." St. Peter was puzzled. "Oh yes," said St. Peter, "Do you belong to the Locomotive Brotherhood?" "No, I am sorry," the Engineer responded apologetically. "I am a different kind of Engineer." "I do not understand," said St. Peter. "What on earth do you do?" The Engineer recalled a definition he had once read: "I apply mathematical principles to the construction of natural forces." This sounded meaningless to St. Peter, and he got the best of him. "Young man," he said, "You can go to Hell for your mathematical principles and try your hand on some of the forces there!" "That suits me," responded the Engineer. "I am glad to go where there is a tough job to tackle." Whereupon he departed for the Nether Regions.

And it came to pass that strange reports began to reach St. Peter. The Celestial denizens, who had amused themselves in the looking down on the less fortunate creatures in the Inferno, were asking for transfers to that other domain. The sounds of the angels suffering were stilled. Many new arrivals, after seeing both selected the Nether Regions for their permanent abode. Puzled, St. Peter sent messengers to visit Hell and to report back to him. He turned, all excited, and reported to St. Peter:

"That Engineer you sent down there," said the messenger, "completely transformed the place so that you would not know it. He has harnessed the Fiery Furnaces for light and power. He has cooled the entire place with artificial refrigeration. He has drained the Lakes of Brimstone and has filled the air with cool perfumed breezes. He has flung bridges across the bottomless Abyss and has built tunnels through the Obsidian Cliffs. He has created beautiful falls paved streets, gardens, parks and playgrounds, lakes, rivers, and everything you could desire. He has gone through Hell and has made it a realm of happiness, peace and industry."

SALLY'S FINE WINES and LIQUORS

604 ELM ST.

Newsworthy Notes for Engineers



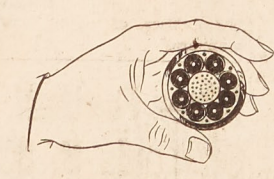
Coaxial Cable by the mile

To meet future needs for long distance telephone and television circuits, the Bell System is constructing a nationwide network of coaxial cable. Ingenious machines designed by Western Electric engineers are now turning out coaxials like spaghetti.

A coaxial unit consists of a copper wire supported centrally in a copper tube by plastic disc insulators. The copper sheath is covered by two layers of steel tape.

One machine punches out the plastic discs. A second machine feeds the discs through chutes onto wheels which force them onto the wire at precise intervals. The wire then travels through mechanisms which notch and form the copper tape around it and finally apply the double wrapping of steel tape.

All these processes are carried on continuously. Copper wire goes in one end of the machine—complete coaxial units come out the other end.



A cable like this, with eight coaxial units, can carry as many as 1440 telephone messages simultaneously—can handle television frequencies up to 2,800,000 cycles per second.

It takes 17,000 insulated pieces to make one piece

It sounds fantastic—but it's the unusual feat accomplished by Western Electric engineers in producing compressed powdered for induction coils used in the telephone system.

Thin "overcoats" of an insulating material are put on every part of the molybdenum-permalloy of which the cores are made. The pieces—averaging about 40 millionths of an inch in diameter—are coated with a thickness of insulating material precisely controlled mixing.

The resulting film has some major requirements. It must break away during compressed heat treatment of the cores; it must isolate the particles electrically; it must reduce eddy current loss; it must remain chemically inert throughout the life of the magnetic core.

Developing quantity manufacturing processes calling for secret controlled laboratory procedures is an interesting part of the high quality production job of Western Electric has long been

You can't analyze your

DODGE - 216 W. 7
ASTOR - 216 W.

ES

708 Pine

Coco

FEDE

LARGE

STRO

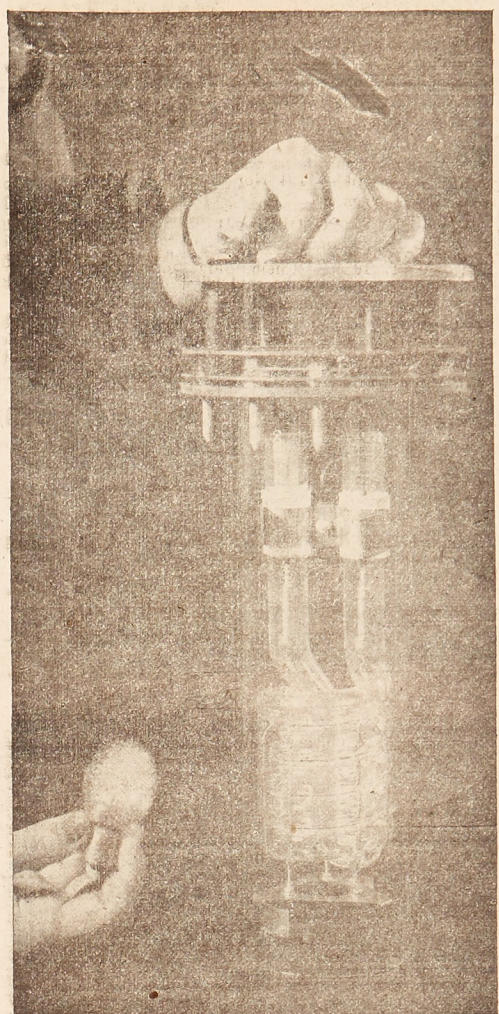
R.C

New Repeating Flash Bulb Aids In Peace-time Aerial Photography

The repeating Flash Tube, which played an important war role in aiding night aerial photography, has been converted to peacetime uses. In addition to photographic applications, it is being used in airway and waterway beacons.

Its operation, say General Electric lighting engineers who developed the tube at Cleveland, Ohio, is based on the instantaneous discharge of electricity through an atmosphere of an inert gas. Powdered by a special electronic source, the tube gives flashes of illumination so intense that night photographs are made possible from altitudes up to two miles.

An improved blue lacquer, produced by General Electric, is used on some of the lamps, increases the transmission of light. The bulb nearly 50 per cent, and the photographic effectiveness in the same order. Of a lighter blue, it has spectral characteristics suitable for a greater number of daylight-color films than that previously used.



The G-E Flash Tube, for taking pictures from airplanes, compared with ordinary photographers' flash bulb.

75th Anniversary
Continued From Page 1

id the messenger H. W. Wood, Jr., would not know (3) Addresses by Dean Harry Light and power, E. Curtis, Dean A. S. Langsdorf, tion. He has drafted Dean Curtis L. Wilson, a cool perfume (4) Business session.

Abyss and has 30 a. m. — Election of officers. created beautiful 12:30 p. m. — Luncheon. 2 p. m. — Conferences: Engineering Drawing, Chemical Engineering, Electrical Engineering, and Civil Engineering. 6 p. m. — Dinner

(1) Unfinished business. (2) Address by Professor H. O. roft, National President of the merican Society of Engineering ucation. (3) Adjournment.

Officers of the Missouri Section of the American Society of Engineering Education are Professor H. W. Wood, Jr., University Missouri, President—Professor H. Van Wambeek, Washington university, Vice President—and professor W. T. Schrenk, School Mines and Metallurgy, Secretary.

Music Notes

The M.S.M. Band is getting well under way with their practice. (Or is it racket?) Anyway, we have a large band this year. It looks entirely different from the small group that struggled vainly all last year to make itself heard at the various football games. It was all that could be done to make the marching rank as long as it was wide. This problem was finally solved by forming the band in three ranks. In this way we had a formation three men broad and three men long. Some people even thought that perhaps this band was a legendary body created only to fill in space in the M.S.M. weekly, the "MINER." But don't let them fool you. We had a band, and we played the music. If we didn't have any trombones present, the drum took the trombone part and made it sound fairly good. Or, if we didn't have any clarinets or trumpets, it was an easy job for mighty Brands on his cymbals, along with a little pantomime, to fill in their part. It was surprising what a piccolo could do with suspense music.

Now with a band of forty or more members, it is easy enough to form a marching group with a five man front and still be seen from the side, and with Drum Major Branson (yes, he is also editor in chief of this paper) leading this group across the field, it certainly forms a thrilling sight of precision, or at least it intends to.

The band has three sousaphones and eight trombones and any former student knows that in previous years these instruments have been as scarce as Miners at a tea party. Along with a battery of trumpets, the ever present clarinets, and a wide-spread array of other instruments, including the rhythm section composed of: Mitchell on the bass drum, Hawthorne on snares and again mighty Brands, solo and our one and only cymbalist, the members of the band plan on making themselves heard this year.

There is one instrument that I have not, as yet, identified. It looks like a baritone and a cornet combined, and has five valves instead of the usual three. If anyone knows the name of this instrument, please write "The Miner" Missouri School of Mines, so that it may be bragged about in one of the future issues.

At the football games and mass meetings to come, get ready for some of the finest musical pep you have ever heard for all-in-all it's a great band and plans on making itself known.

Mitchell Insurance Agency
Representing
Travelers Insurance Co.
of Hartford, Conn.
Life — Fire — Auto — Burglary
803 Pine Phone 342

STUDENT TAXI
Phone 750
24-hour Service
You Value Good Service—
We Value Your Business

THE RITZ ROLLA, MO.
ALWAYS COMFORTABLE
SUN. & MON., OCT. 27-28
MATINEE SUN. 2:30 P. M.
Van Johnson — Ester Williams
Lucille Ball — Keenan Wynn
"EASY TO WED"
In Technicolor
Also News and Cartoon
ADMISSION 10-25¢
Inc. Tax

As The Managing Editor Sees It

It's Done With RATIOS
The man in the street is coming to believe more and more in ratios. Where those ratios concern the economics of the nation they are an interesting but debatable topic. Most figures and ratios from a statistics office look like the modulus of elasticity for Beryllium-Copper.

One little ratio stands alone as the index of a country's prosperity. That is the one which shows how many things are produced, divided by the time spent making those things. It's simple — why spend four hours doing something that can be done in two? Or, why not spend less time making more definite, usable articles?

The trick comes in setting up a formula. Consider time alone. For most things time spent making them should be counted from zero, when the iron ore comes out of the ground, clear on to a finished product in a user's hands. Every minute spent working on that iron should be counted. That is what determines the basic price of any thing which can be bought—from a bulldozer to a chronometer. Time of handling material, time to obtain a given amount of material, time of storage.

The greater the development of machinery, the more carefully time must be divided. When the ratio comes to the point where one man produces twice as much as he can use while another man stands idle; time must be divided. That means shorter working hours. Shorter as long as that ratio of production per hour stays up. That's where engineers get their jobs—keeping the ratio up.

Unfortunately this index of wealth gives us all the information we might need, except for the fact that it cannot predict depressions. Something else comes sneaking in to determine that. Purchasing power. If a man doesn't make enough lettuce to buy what he has helped make; then the whole cycle of "ore to consumer" breaks down—nothing moves and cost goes up.

The whole idea of this production ratio is to put goods into the hands of the ones who can use them. If it were used right we could all have a new car, sail boat, three radios, and a prefabricated house of stainless steel and spun glass. Ignored, we will drift along as usual. Sometimes things are tough, and other times good.

Right now the States lead the race to larger production ratios. Russia has yet to learn the old phrase, "You can lead a horse to water, but you can't make him drink." Probably they never will. The more people who learn of the uses of a systematic method of evaluating the wealth of a country, the more informed we will be as a whole. It boils down to a matter of administering capital correctly, increasing production per hour, and the correct division of leisure time to keep us all well fed and reasonably happy.

When Rolla's Jerry Berrv started getting rough, R. Charles Hall expressed the feelings of all Central rollers.
"Kill that fullback! Smash him!" (or something like that), he yelled. The girl in front of him stood up and turned around indignantly.
"Shut your face!" she blasted.
"Why do you know him?"
"He's my husband!" she replied.

1913 Football Team

Continued From Page 1

and in fact every one at Rolla, being suddenly realized could bring but one result: The students howled and yelled, and so did many of the people. The fire bell was rung, and the students paraded through the streets headed by the band, giving their yells. Everybody felt like doing something to express their joy.

A post season game with Christian Brothers College team was demanded by St. Louis papers and football fans. The Rolla Faculty would not give permission to the team to play this post season game, and even members of the Board of Curators tried, but failed, to stop it. Instead of leaving Rolla at 5 P. M., as had been planned, the team left Rolla at 4 A. M. in order to elude any school officials who might try to stop them. The game was played on December 5, 1914. Below is a description of the game as quoted from the St. Louis Globe-Democrat.

"Rolla's Miners defeated the Christian Brothers College yesterday afternoon, 27 to 6. The points made against Rolla were the first of the season. The game was staged under the most discouraging conditions ever attending a game in St. Louis. The weather was rain and cold, and rain drizzled a good part of the afternoon. The crowd was a small one as a result. The field was in poor condition for play, though better than expected, considering the continued rain for the past week. Wrangling marred the contest, caused by the expulsion of players. The end of the contest dragged into darkness. And in the background was the fact that the Rolla players were playing without the permission of their Faculty, and did not know what the outcome might be."

The outcome was that upon its return to Rolla, members of the team were suspended from school, but later reinstated when the Director interceded in their behalf.

Thus ended the most triumphant of all the School of Mines football seasons. The Missouri School of Mines had been put on the map by a football team that had made history in every town of the U.S.A.

Academy of Science

Continued From Page 1

in certain fields. He said to pick the profession or branch you are interested in and you will do better in the long run than the man who chooses a field just because the prospects look better.

Gas Turbine Lecture Nov. 1
Dr. J. T. Rettaliata, nationally known authority on gas turbines, will address a meeting of the Missouri Academy of Science at the Missouri School of Mines and Metallurgy on Friday afternoon, November 1. This announcement was made yesterday by Dr. A. J. Miles, head of the department of Mechanical Engineering, after receiving definite assurance that Dr. Rettaliata would be able to appear in Rolla for this meeting.

This meeting will be a part of the program sponsored by the Missouri Academy of Science in conjunction with the observance of the 75th anniversary of the founding of the Missouri School of Mines and Metallurgy.

University Dames To See Style Show On Oct. 29

The M.S.M. Chapter of University Dames will hold their next meeting Tuesday, October 29, at 7:30 P.M. in the auditorium of Parker Hall.

Mrs. Kenneth Vaughan, chairman of the Program Committee, has arranged with the dress shops of Rolla to present a style show at this meeting. The shops will show their newest of all ensembles.

Mrs. C. J. Millar will direct and announce the program. Those shops participating will be The Nadine Sease Shop, The Marling Hat Shop, The Lorraine Shop, The Louise Shop, The Walk-Up Shop, The Standard Store, The Junior Shop and Bishop's Store.

All student wives are invited and urged to attend this meeting, the organization's president stated.

"Do insects ever get in your corn, Farmer Jones?"
"Yes, but we just fish 'em out and drink it, anyway."

"I hear you lost your husband. How did it happen?"
"He was kelt by a veasel."
"Killed by a weasel? That's unusual."
"Yep, vas drivink der hotomobil. Is commeneig to railroad crossing. Deedn't hear no veasel."

Scholarship Loan Open To Mining Or Met. Students

The Woman's Auxiliary of the A. T. M. M. E. announces a limited number of Scholarship loans open to students of American citizenship who are enrolled as candidates for a degree in Mining or Metallurgy or in the allied subjects of Geology or Chemistry as applied to Metallurgy.

Recipients are expected to make honor grades in college and the renewal of the Scholarships from year to year depends upon the making of such grades. Recipients are expected to repay, after graduation, 50% of the money advanced. They must likewise apply on graduation for membership in the A. T. M. M. E.

Students interested are advised to call:

Mrs. J. D. Forrester, 1100 Lynwood Drive, Rolla, Missouri, Phone 789-W, as early as possible, as all information must reach New York headquarters by December 1, 1946.

FULLER BRUSH CO.
16 Green Acres Phone 1000
Special Rates to Miners

NOW-- Toky's offer you

Bar - B - Q Chicken

- RIBS
- PORK
- BEEF



Cooked with hickory wood. A treat you'll never forget.

TOKY'S

Old Kentucky Bar - B - Q

1/4 Mile East Rolla on Highway 66
11 a. m. to 10:30 p. m. Every Day
EXCEPT MONDAY
UNDER NEW MANAGEMENT
MR. & MRS. JAMES VIESSMAN

FAULKNER'S DRUG STORE

THE REXALL STORE

Stationery, Candy, Fountain Service

NEXT TO THE RITZ

SNO-WHITE GRILL

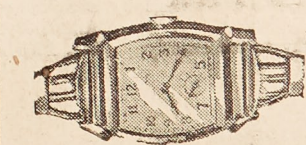
—STEAKS & SHORT ORDERS—

Long A Favorite With Miners

And As Always
EXCELLENT FOOD

HARVEY'S RESTAURANT

Miners



We have the largest jewelry stock in South Central Missouri.

Come In And See What We Have Before Buying.

J. J. FULLER, JEWELER

Dealer in Watches

Hamilton — Elgin — Bulova
Gruen — Helbus — Westfield
Also Keep Sake Diamonds

Time out for Coke

DRINK Coca-Cola

BOTTLED UNDER AUTHORITY OF THE COCA-COLA COMPANY BY
Coco-Cola Bottling Co. St. Louis Mo.

MODERN DRY CLEANERS
9TH & PINE STREETS. PHONE 392

ROLLA STATE BANK
Member of
FEDERAL DEPOSIT INSURANCE CORPORATION
LARGE ENOUGH TO SERVE YOU
STRONG ENOUGH TO PROTECT YOU
SMALL ENOUGH TO KNOW YOU

Crumpler's
THE STANDARD STORE
for
CAMPUS SWEATERS — COOPER SOCKS
STETSON HATS
702 Pine Street Phone 1081

Maryville Bears Bow To Miners 25-0

Take Lead In MIAA With Upset Victory

By Carl Hechinger.

Scoring one of the great victories of the year in the M. I. A. A., the Miners trounced the Maryville Bears here Saturday afternoon, 25 to 0, to set themselves up as potential conference champions for 1946. The Silver and Gold completely outplayed the visitors, and except for two desperation passes in the final moments of play, the Miner goal line was never threatened.

The Miners punched over their first score in the second quarter, when Berry smashed over from the two yard line. They had taken the ball on Maryville's 30 after a short punt, and in six running plays had a touchdown. Their next touchdown came on the best run of the ball game, when Stallman, the Miner center, intercepted the pass yards to score with beautiful downfield blocking clearing the way. Another short punt led to the Miners' third six-pointer. They took the ball on Maryville's 28, and after two runs had gained little, Kemper passed to Gammon in the end zone with a 25 yard pass. The fourth touchdown was the result of a beautifully executed reverse from Whitney to Gammon, who traveled the last forty yards to pay dirt.

The Miners' hard charging line was a big factor in their victory, with McGrath, Fulghum, and

on the Miner 40, and raced 60 Stallman standing out in their defensive play. As a whole, the line prevented Maryville from making any large gains.

The game play by play:

Starting Lineups	
Miners	Maryville
McGrath	LE
Wood	LT
Seabaugh	LG
Stallman	C
Fulghum	RG
Leone	RT
Hazelett	RE
Reichelt	QB
Fullop	LH
Whitney	RH
Carafiol	FB
	Buthers

Score by Quarters

	1	2	3	4	Tot.
Miners	0	12	0	13	25
Maryville	0	0	0	0	0

Miner Scoring: Gammon (2);

Mother Goose M. S. M. Style

There was an old woman, her name it was Peg.

Her head was of wood, and she wore a cork leg.

But none of these things stopped her full circulation.

A Miner gets tired of complete celibation.

Him is a goof;
Him is a gink;
Him's personality
It stink.
Me luff him,
Tho' him's face is funny.
Wana know why?
Cause him's got money!

Many Enthusiasts Appear At First Meeting Of Miner Basketball Cage

Wednesday, October the 16th, Coach Hafeli held a preliminary meeting of the prospective basketball men on the campus. One of the prerequisites for eligibility was previous experience in high school. This, however, does not imply that a good high school player will make college material. It is also possible that a man who has no high school experience, but has gained knowledge elsewhere, will be good college material.

Over Seventy Tryouts

The meeting was short, starting at 7:30 and ending at 8:00. Coach took the names of all those present, numbering in the seventies. Two try out periods are scheduled for next week. One will be at 7:00 Monday night and the other at 7:00 Wednesday night. It is Coach Hafeli's proposal to utilize these periods to choose some thirty men who show promise on the court. This will be a very difficult task in so short a period of time.

In order that no man will be overlooked, it may be necessary to hold additional practice sessions. Coach plans for an ultimate squad of twenty men, fifteen of which will travel to out-of-town games. Judging from the quantity of possible cagers present, the outlook for the 1946-47 basketball season seems to be a favorable one. The quality of the material will be discovered during the practice sessions.

"Junior, do you like your new nurse?"
"No, mamma. I hate her. I'd like to grab her by the hair and bite her on the neck like daddy does."

Table Tennis Tournament Nears End

The Intramural Table Tennis Tournament is nearing completion with only seven organizations still represented in the singles and six in the doubles.

In the singles tournament, the teams remaining are the representatives of the Engineer's Club, Sophomores, Kappa Sigma, Sigma Nu, Sigma Pi, Triangle and Theta Kappa Phi. Tringle and Sigma Pi play their semi-final match on October 23rd and the winner will then be scheduled to play the winner of the consolation bracket in the finals. On October 22nd the participants of the quarter-finals will be determined in the matches between K. Sig—Sig. Nu and Eng. C Vs. winner on the Soph.—TKP match.

In the doubles competition, the teams of Theta Kappa Phi, Sigma Pi, Sigma Nu, Triangle, Kappa Sigma and the Engineers Club, still remain. K. Sig plays the Eng. Club on October 23rd in the semi-finals with the winner playing the winner of the consolation bracket. In the consolation bracket, the winners of the TKP—Sig Pi and Triangle—Sig Nu matches on October 22, will enter the quarter-finals.

Off the Campus

Pi Kappa Alpha
The past big weekend was the time of a Pi K A celebration. Friday night, the local chapter threw a hay ride, which was a real bang up affair. Although the air was crisp and cold, there were many diversions to provide warmth. On Saturday night, October 19th, the chapter house was the scene of the pledge dance for those members newly initiated on October 17th. Many dates were present, including several from Springfield, St. Louis, Columbia, and Rolla.

The brothers are now uncles since the birth of a ten-pound boy to Mrs. Bob Phillips, and congratulations are certainly in order for the parents.

Bernie Enfield has handed out cigars in anticipation of saying, "I do", to Fran Porter on the 23rd of November. The gals will sure miss Bernie.

Triangle
On last Wednesday, the local chapter held its annual pledge-active football game. With more than a little help from the several actives playing on the pledge team, the pledges won by a score of 18 to 4. Since every touchdown was scored by an active either on the pledge or active team, the actual score was 22 to 0 in favor of the actives.

The "Old Rock House" will hold its first dance of the fall semester on Saturday, October 26. The dance, which will be in honor of the pledges, will have a Halloween atmosphere, and dress for the dance will be blue jeans and plaid shirts or sweaters. Because of crowded conditions, attendance will be by invitation, only.

ROLLAMO NEEDS AID

Have you ever helped to edit a yearbook? Would you like to help edit one? You may be able to help publish the 1946-47 M.S.M. yearbook, THE ROLLAMO.

You may have noticed that there is an announcement on the Bulletin boards today asking that tryouts for the Rollamo Board be present at the Rollamo Tryouts meeting tonight. Check the bulletin boards now! Find out where and when the meeting is to be held.

The Rollamo Board has the biggest job in its history this year in editing the biggest, most complete and most interesting yearbook in M.S.M.'s seventy-five years of College life. Students with editing, advertising, and photography experience are needed. If you would like to be a part of this book, to add your ideas, suggestions and help do this last year's book of your college days, come to the meeting tonight and find out how you can help in doing this big job.

Highlights Of The Game

The old bell atop the Rolla building rang out the joyous news again and again Saturday afternoon and intermittently through the night, that once again a fighting Miner team had scored a brilliant victory. The Bearcats suffered their first football game loss since 1942 and though it was a bitter pill to swallow they played a clean, sportsmanlike game at all times. Congratulations again to Coaches Bullman and Hafeli for molding the finest team we've had in recent years at the school. Congratulations too, to the volunteer cheerleaders, and to all students and faculty members responsible for their efforts to get all the students solidly behind the team. And as long as we are throwing bouquets to everyone, mention should be made of those fellows who are largely responsible for a winning team and yet receive little publicity. Fellows like Feldbaum, Bannick, Birch, Bauman and all the others who keep to varsity on their toes five days a week by playing on the "B" squad...

Tom Jones, watching the Bearcats swarm up before the game. "They may be big—but they aren't Oklahoma City U!" Cecil Branson twirling a baton and leading his olive drab musicians through town... and John Scott also on hand for the festivities dressed like a dude General... Jerry Berry ran so hard when he scored the first touchdown he couldn't stop after he had gone over, and Wilkens thought he was going in the gym after a drink of water... Ralph Stallman's pass interception and touchdown run, which was a thriller... Maryville had a hard time with their passes. The second completion in twelve attempts came as the last play of the game...

The interest displayed at half time by the cross country race. The large number of runners who disappeared down State Street contrasted with the number who finished the race. The others must have stopped off for a short beer at Montgomery's... Clyde Stauffer, head chairman for the afternoon, got so excited when the Miners made their first first down he jerked his co-worker off his feet... Reinert and Johnson yelling themselves hoarse when Al Schwartz went through the Bearcat line for nine yards on the play immediately before Gammon's final dash across Maryville's goal line... "Preacher" Martin, genial chaplain of the Campus Vets,

while leading the cheers in front of the grandstand... Poppitz, student manager for the team, biting his fingernails back to his knuckles when the Miners failed to score once in the third period... Prof. Eshbaugh watched the game with an expert eye near the bench... someone stopped to congratulate Gil Carafiol for playing a good game in the locker room after it was over. "There's the guy that really did some running," he said, pointing to Berry... Coach Bullman, calm amidst all the noise and confusion, reminding everyone that the important game against Cape Girardeau was still to come, and for everyone to be sure and report for practice Monday afternoon.

If the West Texas drought doesn't end soon, the trees will be chasing the dogs.

Love is blind, which is why Miners must depend on their sense of feeling.

Miner calling up girl friend: "I'll be up at seven thirty, honey, don't have nothin on but the radio!"

Miner Grid To Meet Tou Cape Girardeau Team Friday

The Miners of M. S. M. will journey to Cape Girardeau Friday night to meet the Cape Girardeau Indians. In Cape, the Miners will probably face their toughest team in the M. I. A. A. conference. The Indians have played five games, and have yet to taste defeat. Both the Miners and Cape have met Warrensburg, and though comparative scores mean little or nothing, it would seem that the Indians

have the better team. Cape the Mules of Warrensburg, while the Miners took the field blocking lines in the once according to experience ball observers. In Branch Klostermann they have two finest pass receivers in the Since 1938, the Miners have en 4 from Cape, and dropped The probable starting

Football Schedule 1946

Oct. 25 Friday night—Cape Girardeau (there)
Nov. 2 Sat. Aft. 2:30—Springfield (here)
Nov. 9 Sat. Aft. 2:30—Pittsburg, Kansas S. T. C. (here)
Nov. 16 Sat. Aft. 2:30—Kirkville (here)

are:
Miners Pos. Cape Girardeau
McGrath LE Klostermann
Wood LT Lee
Stallman CG Sapp
Stallman L D. An
Fulghum RG Brubaker
Leone RT Konx
Hazelett RE Branch
Reichelt QB Griffitt
Fullop LH Halber
Whitney or coming Smoker
Hoehn FB Barr
Carafiol R H rary Convo
Mitchell game between



MAYBE YOU NEED A PIANO LESSON

When you look inside a piano you see a harp-shaped metal plate on which the strings are strung. Even in a spinet it ordinarily weighs well over 100 pounds.

"Too heavy!" thought Winter & Company, who make pianos. (If you've ever moved a piano, you'll agree.) "Let's have Alcoa make an aluminum plate."

So, Winter's piano designers and Alcoa engineers put their combined experiences together to develop an aluminum plate. First, a strong aluminum alloy had to be found because the strings put an 18-ton pull on the plate. A special alloy was produced, but...

As the strings don't pull in the same direction or with the same force, in time the plate would creep, cause distortion, and the strings get out of tune.

Alcoa engineers found a way to tell exactly

where and how great the strains were... figured out how to balance the stresses and then stabilize the plate by an Alcoa-developed heat-treating process.

The result: The first successful aluminum piano plate, weighing only 45 pounds instead of 125, with tone quality enhanced.

That piano plate offers this lesson for young engineers to remember when they step from college into industry: Take a look at aluminum—with Alcoa engineers at your side—when you want strength with lightness in anything you are designing. Ideas click when men with imagination plus engineering—"Imagineering"—as we like to call it at Alcoa—work with this versatile metal and with the greatest fund of aluminum knowledge in the world—Alcoa's, ALUMINUM COMPANY OF AMERICA, Gulf Building, Pittsburgh 19, Pennsylvania.

ALCOA FIRST IN ALUMINUM



TRIPLE SMOKING PLEASURE

A ALWAYS MILD

B BETTER TASTING

C COOLER SMOKING

Dorothy Richards
ONE OF THE BEAUTIES IN
"ANNIE GET YOUR GUN"

You hit it again, Dorothy... THEY SATISFY

Always Buy CHESTERFIELD
ALL OVER AMERICA—CHESTERFIELD IS TOPS!

Copyright 1946, Liggett & Myers, Inc.

MINERS Text Books and Drawing Supplies **SCOTT'S**