



19 Oct 1938

The Missouri Miner, October 19, 1938

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The DIRECTOR'S COLUMN

By DR. W. R. CHEDSEY

You have doubtless noticed that the coming weekend brings to our campus three events—a Mineral Industries Conference, a meeting of the American Institute of Mining and Metallurgical Engineers, and Alumni Homecoming activities. These three events will bring to our campus quite a few prominent people. Outstanding in our interest undoubtedly is Mr. D. C. Jackling, a graduate of this school, who is this year President of the American Institute of Mining and Metallurgical Engineers. I know that you will all be interested in meeting and seeing him here.

Not because he is President of the A. I. M. E., nor because he has amassed sufficient wealth to have given liberally to a student loan fund here, nor for any of his other benefactions, important as they are, it strikes me that this is a good time to use Mr. Jackling's career as an illustration of perseverance.

Born and raised on a small farm in Missouri, education was a difficult process for Mr. Jackling, not because of lack of mental equipment, but because of lack of money and of time and opportunity. His perseverance in overcoming these obstacles, working his way through college under a handicap that few, if any, of our present student body approach, is most noteworthy. After graduation, his perseverance on his various jobs, finishing each one through to a definite conclusion, still marked him. In the early days of Cripple Creek, Colorado, in addition to his perseverance, there began to be noted his conception of possibilities beyond where others were satisfied to leave off. In other words, his imagination leading into improved methods that was not pure imagination, but had sound reasoning and judgment behind it—the pioneering spirit, but not just at random.

Big opportunities did not seem to come his way, although he had his share of moderate ones, and it was not until the problem of very low grade tremendous tonnage copper deposit in Bingham Canyon came to his attention that he was able to make an opportunity for himself, in the engineering and financing of this immense project, which we now know as the Utah Copper Company, and which stands as a monument to Mr. Jackling.

Although these things are a sufficient reason for lauding the man, my attempt here is to show rather how these accomplishments have been the results of perseverance and pioneering, both with determination and in a known direction. I think there is no member of our student body who could not profit from this example, and it is in this hope that I have stated it.

Wm. R. Chedsey.

Dr. Mann Will Speak at New York College

Dr. C. V. Mann, head of the department of engineering drawing, left Saturday for Alfred, New York, where he is to address the faculty and student body of the New York College of Ceramics, a division of Alfred University, on the evening of Tuesday, Oct. 18.

Dr. Mann will speak on a combination of two subjects: "Looking Ahead at the Engineering Profession" and "Selecting and Guiding Student Engineers." A discussion of Dr. Mann's work here on the Strong Vocation Interest Test and the freshman week testing program, will be a part of the last subject.

The head of the New York College of Ceramics is Dr. M. E. Holmes, who was the head of the Ceramic Engineering Department here immediately after it was organized. Dr. Holmes left here to accept his position in New York in 1931.

Enroute to New York Dr. Mann will visit Purdue University, where he will confer with college authorities in connection with an experimental testing program to be carried on there. He will also visit Pittsburgh, Pennsylvania, in an effort to obtain information concerning the Missouri School of Mines from a former Director. This information will be included in a history of the school that Dr. Mann is writing.

Pi K A's Awarded Trophy

The Alpha Kappa Chapter of Pi Kappa Alpha fraternity has been awarded a trophy for general efficiency of the chapter during the year 1937-38. Ranking 7th among some 80 chapters of Pi Kappa Alpha, it was awarded the trophy on a basis of points received for the promptness and efficiency of chapter reports.

The University of New Mexico has a special lightning research project.

THE MISSOURI MINER

MISSOURI SCHOOL OF

MINES & METALLURGY

Z 385

VOLUME XXV

ROLLA, MISSOURI,

WEDNESDAY, OCTOBER 19, 1938

NUMBER 6

CONFERENCE ON MINERALS OPENS FRIDAY

Complete Program Announced; A. I. M. E. to Meet Friday

The Missouri Mineral Industries Conference, sponsored by the Missouri School of Mines and Missouri Geological Survey, will open Friday, October 21, 1938, with the registration in Parker Hall at 9:00 A. M.

The first session of the convention will begin at 10:00 A. M. Friday morning in the Auditorium in Parker Hall with Wm. R. Chedsey as Chairman. A. P. Green is chairman of the second session which meets on Friday afternoon. The third and final session will be Saturday morning with W. M. Weigel as chairman.

The program for the convention includes at least one representative of each of the mineral industries in Missouri. The program will include a complete survey of the mineral industries and the problems connected with them. A copy of the program appears elsewhere in the Miner.

There will be a joint meeting of the St. Louis and Tri-State Sections of the American Institute of Mining and Metallurgical Engineers on Friday, October 21, with the M. S. M. Student Branch as host.

The Missouri Mining and Metallurgical Association is sponsoring a dinner and dance on Friday evening. The dinner will be at the Sinclair Pennant Tavern at 7:00. An address will be given by D. C. Jackling, President of the American Institute of Mining and Metallurgical Engineers. The D. C. Jackling Gymnasium will be the setting for the dance which will begin at 10:00. Music will be furnished by a St. Louis orchestra.

Entertainment for the Ladies will be provided by a tea on Friday afternoon, 3 to 5, at the residence of Director and Mrs. Chedsey. If desired, on Saturday morning a motor trip to Meramec Springs or other points of interest will be arranged. Mrs. Wm. R. Chedsey is Chairman and Mrs. H. S. McQueen is Vice-Chairman of the Ladies' Entertainment Committee.

Plans for Dad's Day Nearing Completion

Plans for Dad's Day, to be given at M. S. M. for fathers of students on Oct. 29, are being rapidly whipped into shape by a committee composed of six faculty members and a Student Council representative. Saturday morning will be available for inspection of the laboratory and class room facilities of the school, and becoming acquainted with the professors.

Most of the fraternities and clubs will give their special luncheon for their respective dads at noon. Then by courtesy of the Athletic Association, dad's will be furnished complimentary admission to the Cape Girardeau-Miner football game at 2:30 p. m. The committee expects to have a means of identification for fathers, giving a spirit of fraternalism to the respective fathers of football players, Freshman, Sophomores, Juniors and Seniors. At six thirty the fathers will be the guests at a banquet, prominent fathers, professors and students giving talks and getting acquainted.

Blue Key will furnish guides for the morning tour of the campus. Letters of invitation to fathers of all students have been sent out by Director Chedsey.

Ice Cream Plant Is Explained at A S M E

Bill Dickmann explained the operation of a modern ice cream plant at the meeting of the A. S. M. E. Tuesday, October 11. Bill has worked at various jobs for Beatrice Creamery, at Sedalia, for four summers. He stated that a modern ice cream plant must be very efficient, because of the stiff competition in the field. He then explained the methods the plant uses to keep up their efficiency.

Dr. Miles discussed the problem of obtaining speakers for future meetings. He also told of a film on aluminum that is available from the U. S. Bureau of Mines. It was decided that the film would be shown at one of the coming meetings.

PRESIDENT OF AIMME TO ATTEND MEETING



DR. DANIEL C. JACKLING

Jackling Most Celebrated of all Graduates of School of Mines

Brilliant Career of Prominent Alumnus Reviewed; Education at MSM Hard Financial Struggle; Development of Bingham Copper Deposits Outstanding Achievement

"See'st thou a man diligent in his business, he shall stand before kings."

Daniel Cowan Jackling was born near Appleton City, Bates, Co., Mo., August 14, 1869 to Daniel and Lydia Jane Jackling, and was educated at the State Normal School at Warrensburg, Mo., entering the School of Mines in 1888 and obtaining his B. S. in Metallurgical Engineering in 1892. Probably the widest known and the highest celebrated of all the celebrated graduates of the School of Mines, Jackling was as a student a typical Miner, well liked by his fellows, partaking in the general fun and nonsense of college life, and having the usual amount of scholastic difficulties. Poorly endowed, Jackling's collegiate life was a financial struggle, the major part of his expenses being covered by extra-curricular work, such as serving in the chemistry laboratories as assistant.

After graduating he followed the advice of Horace Greeley and "went West", leaving the impress of his professional ability in Colorado, Utah, and Nevada, until he finally arrived in San Francisco and there established his "permanent camp". In his march westward, Jackling developed the Metallurgy for the treatment of the gold ores of the Cripple Creek District in Colorado, worked out a process for the treatment in an entirely new way of gold ores at Mercur, Utah, where he built in 1898, just six years after graduation, the first all-steel non-ferrous metallurgical plant in the world and there used the first complete system of electric motive power.

The best known of Jackling's accomplishments is, however, the development on a commercial scale of the Bingham porphyritic copper deposits near Salt Lake City, Utah. This ore ran so low in copper that the assayer's reports scared nearly all capital and operators from the district. A few old timers in the mining game, however, firmly believed the immense deposit of ore to have possibilities. In a few un-

successful attempts at recovering the copper, Jackling was hired as metallurgist and became himself convinced in the possibilities of the property. Quitting the company, he came back to the region several years later with a practical plan for the development of a mine, but met with difficulty in obtaining a lease on the ground, and in getting the necessary capital, estimated by him to be about three million dollars. After some struggling, a company was finally formed and gold stock in the mine.

The Utah Copper Company grew with unbelievable speed from a small wildcat on June 4, 1903 to an immense operating concern in January, 1910, with a capitalization of twenty five million dollars.

The production of cheap copper by the Utah Company in such large amounts has had much to do with the development of our present day civilization and standards of living. Its primary effects are felt in the electric industry and its complements which includes every person in the civilized world today. With the production of cheap copper came the production of commercial, cheap electricity and its distribution hundreds of miles from its source to millions of consumers, both domestic and industrial, through billions of miles of copper cables.

Daniel C. Jackling grew by his own foresight and appliance from an humble student of the School of Mines to a financial king of today, being head of mining companies, steel companies, banking concerns, steamship lines, and sundry other enterprises. His breast is covered with decorations ranging from A. I. M. E. medals to a citation by the United States Government with the Distinguished Service Medal.

Daniel Cowan Jackling, the Miners salute you!

Fritz Reiner, famed orchestra leader, is conducting a music appreciation course at Carnegie Institute of Technology.

Photo Club Members Will Give Lectures

The Photography Club, at its regular monthly meeting held in the club room, Friday, Oct. 14, at 7:30 o'clock, decided on a program of ten lectures to be given by the members. The slides and general information for these talks will be furnished by the Eastman-Kodak Company. The following lectures have been planned.

- (1) "Snap That Picture" (a lecture for beginners in photography).
- (2) "Night Photography"
- (3) "Photography in Colors"
- (4) "Photography with a Miniature Camera"
- (5) "Photography Pictorialism"
- (6) "The Kodachrome Process"
- (7) "Photography by Polarized Light."
- (8) "Color Printing by the Eastman Wash Off Relief Process"
- (9) "Photography in Criminal Investigation"
- (10) "Photographic Papers and Their Properties"

The Club also decided to make a standing requirement of each member for one print a month.

New Rock Drills Are Demonstrated Here

For the past week Mr. Lister Comings, a representative of the Gardner Denver Company, has been visiting the Campus for the purpose of demonstrating Rock drills and other mining equipment. Mr. Comings personally conducted the demonstration, and also gave the mining students much information on the efficiency of underground work, especially in regard to drifting. Since graduating from the School of Mines twenty-three (23) years ago, Mr. Comings has become one of the foremost experts on the design and operation on mining equipment; he has also had years of practical experience in mining work as he has visited every north while mining camp in the United States, Canada and Mexico demonstrating equipment.

The very latest equipment demonstrated included a mounted Drifter with automatic feed, a drifter operated by crank feed, a Jack Hammer and a rotating stoker. Professor Forbes stated, "The School appreciated this cooperation by the Gardner-Denver Company."

Plans Completed for Tremendous Homecoming Celebration at M. S. M.

Mineral Industries Conference, A. I. M. E. Meeting Football Game and Dances to Feature Event Marked by Return of D. C. Jackling, Most Famous Alumnus

Maryville Swamps Miner Team, 21 to 0

By B. C. Compton

A hard-hitting Maryville team outfought and out-thought the Miner eleven last Friday night in their battle on the Bearcat field and emerged with a 21 to 0 victory.

The Miners made only three first downs to Maryville's 16 and gained 59 yards from scrimmage to Maryville's 288. The Bearcats pushed over scores in the first quarter, and then came back in the third and fourth periods to run up the score. Stanley Pelc, husky Bearcat fullback, placekicked the extra points after touchdowns.

The Maryville line out charged the Miners time after time, and Bill Bernau, captain and quarterback, was one of the main factors in the Maryville attack that hit through center, through the guards, off tackle, and around end. Then the Bearcats did not stop with a strong running attack. They used the old "sleeper" play to set up the scenery for one touchdown, and the equally old "Statue of Liberty" play to put the man inside the Miners' 20-yard line for another score.

The aerial route afforded another method of attack as Maryville completed four passes for 74 yards, while the Miners completed only two for 21 yards.

The Miner attack bogged down, and a strong Maryville line broke through time after time to spill Ladd, Taylor, Cunningham, Koziatek, Baumstark, Schumacher, Lovridge and Kiesler for losses. The only bright spot in the affair for the Miners was the work of Jim Wilson, Paul Wadeleigh and Bob Nevins at the ends. In the third stanza the center of the line played some bang-up ball, with Axthelm, Spafford, Rogers and Curtis doing the defensive work.

Stanley Pelc went for the first Bearcat touchdown on a pass to Walker from the 43. Kurtwright's reverse that was good for 21 yards, and his own line plunge.

The second score was the result of the "Statue of Liberty" play and Bernau's line buck. Pelc kicked his second straight placement. Then the Bearcats pulled their "sleeper" play and set the ball on the two yard line where Kurtwright carried the ball over.

Notes on the Game: Walter Koziatek played the game of his life according to his estimation because he finally got one GOOD tackle. He caught McLaughlin of the sleeper pass from behind and brought him down in a good old fashioned flying tackle.

The Miners left here Thursday at noon arriving at Excelsior Springs in time for a short workout on the high school field there before dinner. Leaving the hotel there at noon on Friday they arrived in Maryville in time for a good rest and dinner before the game. After the contest the trip was made back to Excelsior Springs. On Saturday the entire squad attended the Missouri-Iowa State game at Columbia.

The "sleeper" play that the Bearcats was slightly on the unethical side although it was legal and within the rules. Time out was called for substitutions. Three Maryville men came on the field, and one of them McLaughlin, returned to the sidelines right in front of the Maryville bench. Then when the ball was snapped he tossed a pass to him and he went 41 yards before he was caught. The drawback was that the Maryville bench was only eight or ten feet from the sidelines and when McLaughlin came over to the sidelines all the Maryville bench warmers stood up and crowded close to the line thus preventing the Miners from seeing whether or not the man standing just inside the line was on the field or with the substitutes.

Arkansas Teachers, one of the strongest teams in the district, will provide the competition on Saturday, as the Miners play their final non-conference game before starting in for good on loop contests. Except for good on loop contests. Except that the Teachers haven't been beaten in two years, and that they

★
DEDICATED
TO DANIEL
C. JACKLING
★

A gala parade of floats, composed of entries by merchants and campus organizations will file up Pine Street Saturday afternoon to inaugurate a Home-Coming which will be marked by the return of M. S. M's. most famous son, Daniel C. Jackling. The parade will assemble at the State Street and Sixth Street intersection at 12:30 p. m. and pass up Pine Street past the judges stand and on to the football field, where at 2:00 o'clock the Miners will attempt to blemish the Arkansas Teachers' escutcheon, which for two seasons has remained unscathed. The game is a natural for returning grads. At least three bands will be on hand to blare forth some blatant notes and enliven the occasion.

Fraternity houses will be decorated and many will have dinners for their old grads. The annual alumni banquet will be given at the Edwin Long Hotel at 6:15 p. m.

The Home-Coming dance, given by the St. Pats Board beginning at 10:00 p. m., will climax the day, but only after grads and undergrads alike have danced into the wee hours of the morning. Ralph Stoefel, popular band leader from St. Louis will preside over the occasion.

Preceding Home-Coming, Friday, Oct. 21, a Mineral Industries conference is scheduled at M. S. M. which will carry over to Oct. 22. Many famous authorities will be present for the meeting. D. C. Jackling will address the group at an A. I. M. E. banquet to be given at the Pennant Hotel at 6:30 p. m. Friday. Friday night will be the A. I. M. E. dance at Jackling Gymnasium.

Miner Staff Men at M C N A Meeting

E. L. Claridge, Jimmy Carr, and Clyde Cowan attended the fall meeting of the Missouri College Newspaper Association in Columbia last Saturday.

At the meeting Claridge was appointed treasurer for the remainder of the year and two new colleges entered the Association, Drury and Warrensburg Teachers College. The morning was taken up by a lecture on "Editing the News," by Wm. Swindler of the Mo. U. School of Journalism faculty, and a tour through the plant of the Columbia Missourian. At the luncheon Prof. R. B. Ellard spoke on the value of a liberal arts background for newspaper work and E. L. Claridge closed with a short talk on the need of the scientific approach to facts in journalism.

After the luncheon the delegates from the various colleges attended the football game between Mo. U. and Iowa State.

New Offices Built in Mechanical Hall

Three new offices have been built in Mechanical Hall in part of the space previously containing the wood shop. They have new floors and walls with non-transparent windows in interior partitions. The walls and ceilings have been nicely finished which makes an excellent background for the new walnut-finish desks and chairs with which the offices are furnished.

From north to south the offices have been assigned numbers 105, 104, and 103, and will be occupied by Professors Jackson, Kilpatrick, and Miles, respectively. The old office, No. 101 which was Professor Jackson's is now occupied by Professor R. W. McCloy and Secretary Vaughn.

The remainder of the space which contained the wood shop will be used for a laboratory.

played on the West Coast last Saturday, not much is known about the Teachers, and because they have been away from home for so long, it is impossible for information to be obtained.

Anyhow the Miners are assured of seeing a good team in action, and Coach Gale Bullman indicated that the Miners had better put up a better game than last week.

Television was first used as a medium of classroom instruction by New York University.

HOMECOMING GREETINGS

Hello, Alumni! Glad to see you here. Are you enjoying your visit? We hope you have a good time.
We hate to see you go. Come back again some time.

A. I. M. E.

The Student Associates of the A. I. M. E. welcome to the campus of the Missouri School of Mines, one of its most distinguished and outstanding graduates, Mr. D. C. Jackling. For his work in the mining industry we will ever be grateful and for the honor he has brought our school we are humbly indebted.

ALUMNI

The Rolla section of the Missouri School of Mines Alumni wishes to extend its heartiest greetings to the visiting Alumni, and especially to Mr. D. C. Jackling to whom this edition of the "Miner" is dedicated.

The visiting Alumni should feel free to consider the campus as their own, and to visit the different buildings and departments at their convenience. The Rolla members are ready to make their stay a pleasant experience so that they will carry away with them happy memories of the Homecoming, 1938.

K. Kershner

STUDENT COUNCIL

The Student Council, in behalf of the student body which it represents, takes this opportunity to extend to all returning Alumni, and especially to Daniel C. Jackling, distinguished Alumnus and benefactor of the School of Mines, a hearty greeting and welcome to the Homecoming festivities of October 22, the best of wishes for a very pleasant and enjoyable reunion, and the hope that each succeeding year will find all of you back with us again when other Home-comings roll around.

WHAT	WHEN	WHERE
Alpha Chi Sigma	Wednesday, October 19	Chem. Bldg.
St. Pats Board	7:15 P. M.	Club Room
Theta Tau	7:30 P. M.	Club Room
South Central Mo. Teachers Assn.	Thursday, October 20	Auditorium
Convention (Thurs. & Fri.)	7:30 P. M.	
Rifle Club	Friday, October 21	Gym
Mineral Industries Conference	7:00 P. M.	Auditorium
Sigma Pi Dance	All Day	
Mineral Industries Conference	Saturday, October 22	Morning
Football-Arkansas Teachers-Here	2:30 P. M.	Aud.
Homecoming Dance	9:00 P. M.	Gym
Community Chorus	Monday, October 24	Physics Lect. Room
Miner Board	Tuesday, October 25	Power Plant
A. S. M. E.	7:00 P. M.	Mech. Hall
Student Council	Wednesday, October 26	Club Room
Highway 66 Assn.	7:00 P. M.	Auditorium
	2:00 P. M.	

Textbook Germs Found Harmless

Baltimore, Md. — (ACP) — Textbook germs have long been the problem of health-minded college librarians and students, but their fears are now proved unfounded.

Baltimore City College's Arthur H. Bryan, after many experiments, gives the textbooks a pretty clean bill of health. Most of the germs he found in textbooks are of the harmless variety, but old and dilapidated volumes are most to be feared. He recommends sunning old books to destroy harmful germs.

Grid Officials to be Improved in East

New York City — (ACP) — "Kill the referee" and "hang the umpire" after the present season will be cat-calls of the past for eastern gridiron fans.

if officials of the Eastern Intercollegiate Association have anything to say about it.

E. I. A. leaders have this year instituted a scouting system on football officials that will by the end of the year cut the number of approved officials in half, thereby improving the quality of the officiating and giving each official more games to work.

Asa S. Bushnell, E. I. A. football commissioner, in describing the ideal officials, said: "The ideal official is the one who notices everything but is seldom noticed himself; who is considerate and courteous without sacrificing firmness; who cooperates fully with fellow-officials; who is physically able to be in the right place at the right time; who knows what the rules say and what the rules mean."

With a gift of \$2,250,000, Harvard University has opened a new graduate school of public administration.

THE MISSOURI MINER

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THE MISSOURI MINER

October 19, 1938

YOU KNOW THEM TOO

By Jimmy Carr

Seldom, if ever, does a reporter's name appear in print except over his own copy. We transgress, this rule, however, to point a real campus personality, Basil Compton, who paradoxically enough is learning Journalism at this school for engineers.

An authoritative sports commentator, obviously the author of "Compton Says" in the "Miner," and Associated Press correspondent, Compton makes all the trips with the football team and watches the games from the press box. At Maryville, Friday night, he wired direct to Rolla a play-by-play account of the Maryville-Miner game which was broadcast over a local speaker system by Luman H. Long, to waiting Miner fans.

Most of the sports releases from Rolla read in the St. Louis and Kansas City papers are written by Basil. He also writes a column "Around Missouri With the MIAA Teams," which appears in the "Miner" and "The Rolla New Era." On afternoons Compton works at the New Era printing office. To a large extent, he "makes up" the Miner each week.

At every sports event he is always seen with his grafex taking pictures which may appear in the St. Louis dailies. Last year his pictures were used in to make the "38 "Rollamo."

Although chiding friends say Basil is struggling through a social science course, the records show that he is enrolled in the E. E. Department. Actually he is probably studying journalism and engineering as being far removed from each other, but Basil has different beliefs. His idea is to learn the terminology of engineering, then capitalize in doing publicity work for the profession. We think he'll do it.

He formerly worked in the sports departments of the St. Louis Post-Dispatch and Globe-Democrat, and has many friends among the St. Louis writers.

SOCIAL COLUMN

Pi Kappa Alpha

Formal initiation was held at 5:00 o'clock Friday, Oct. 7, for sophomores Randle Hutson Egbert, St. Louis, Mo., and Wilbur Sanders Owens, Joplin, Mo. Both men served a year as pledges.

Immediately after the initiation, formal pledging ceremonies were held for the following ten Pi K A pledges: Harold Krueger, Pressly Paul, Jim Kissack, Eugene Steele,

Rollamo Theatre

Motion Pictures Are Your Best Entertainment

(Fri. & Sat., Oct. 21 & 22)

Double Feature Program
Harold Lloyd in
"PROFESSOR BEWARE"
Jack Loden in
"ROLLING CARAVANS"
Sat. Matinee Starts 1:30
Adm. 10 and 15c
Nights 1st show 7—Adm. 10-25c

(Sun. & Mon., Oct. 23 & 24)

"LETTER OF INTRODUCTION"
with Andrea Leeds, Edgar Bergen and Charlie McCarthy, George Murphy.
2 Matinees Every Sun. 1:30 - 3:30
Adm. 10 and 30c
Nights 7 and 9 — Adm. 10 & 30c

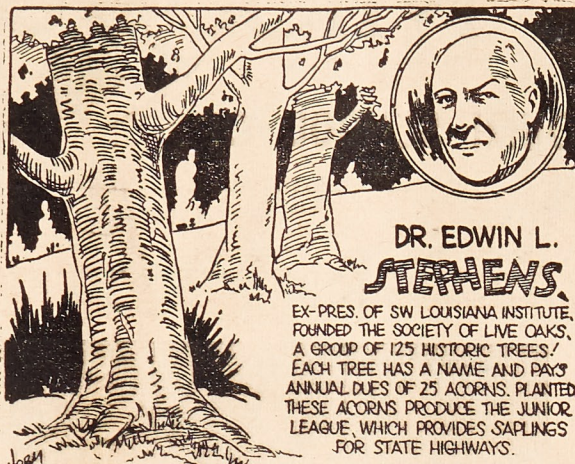
(Tues., Oct. 25—Matinee & Nite)

"THERE'S ALWAYS A WOMAN"
with Joan Blondell, Melvyn Douglas, Mary Astor, Frances Drake.
Matinee 3:00, 1st Nite show 6:30
Adm. 10 & 25c

(Wed. & Thurs., Oct. 26 & 27)

James Cagney and Pat O'Brien in
"BOY MEETS GIRL"
Shows 7 & 9—Adm. 10 & 30c

Coming Dionne Quintuplets in
"Five Of A Kind"



DR. EDWIN L. STEPHENS

EX-PRES. OF SW LOUISIANA INSTITUTE, FOUNDED THE SOCIETY OF LIVE OAKS. A GROUP OF 125 HISTORIC TREES, EACH TREE HAS A NAME AND PAID ANNUAL DUES OF 25 ACORNS, PLANTED THESE ACORNS PRODUCE THE JUNIOR LEAGUE, WHICH PROVIDES SAPLINGS FOR STATE HIGHWAYS.



PERFECT HAND?

HOBART COLLEGE THE "CUSPICUP" IS AWARDED TO THE FRATERNITY HAVING THE LOWEST SCHOLASTIC RATING ON THE CAMPUS

PLAYING BRIDGE IN THE PURDUE UNION MARY JANE DUTRICH WAS DEALT A 13 HEART, PERFECT HAND. BEFORE SHE HAD A CHANCE TO BID, HER OPPONENTS HAD BID SEVEN SPADES. THEY WENT DOWN THREE.

Al Roediger, Nelson Ga Nun, Harry Grigsby, Gilbert Blankenship, Sterling Barron, Bryan Buchanan, Don Huseman, Smith Halfhill and Russell DeWitt.

Six-Man Football Is Urged for MSM

In a recent interview Coach Bullman stated that he would like to organize a six-man football team to play the six-man Newburg team, and that he would like to substitute this game for touch football on the intramural program. He also said that he would like to see the high schools of Rolla, St. James, Cuba, and other near-by towns follow the lead of Newburg and organize a six-man team loop, which would possibly stimulate football interest and develop some prospective Miner material.

Inasmuch as the six-man team is comparatively unknown here, it seems timely to expound a bit on that subject. The team consists of a quarter, a full and halfback, two ends and a center. Rules are such that a back upon receiving the ball from center must hand or pass the ball to another back before the ball may be advanced beyond the line of scrimmage. The double hand-in necessitates speed and deception about which the game is built, rather than power, therefore size is not an important factor in determining the quality of a player.

All the players, except the center, are eligible pass receivers, there are, therefore five potential touchdown scorers. The game is played in regular football uniforms and pads with gym shoes replacing the cleated shoes for safety's sake. The

time for a quarter is ten minutes instead of the usual fifteen. The size of the field of play has been designated as 80 yards by 40 yards but this may be varied in accordance with the available field.

The six man game is becoming nationally popular not to replace the eleven man game—but as a substitute for it, where it is desired to maintain the basic principles of the eleven man game, but where the eleven man game is impractical.

Homecoming Parade Set for Saturday

A bigger and better Homecoming Parade, sponsored by the Blue Key Fraternity, will start at 12:30 P. M. Saturday afternoon at the intersection of Sixth and State Streets.

Each of the fraternities and other campus groups will be represented by floats and other entries. All are hopeful for the trophy cup to be awarded to the most representative entry by the Blue Key Fraternity, along with the Student Council and St. Pat's Board.

Local merchants will have floats in the parade to help make this year's celebration the biggest ever in honor of Mr. D. C. Jackling and to the other grads alike.

Several local drum and bugle corps and bands have offered their services, and good music will feature the parade.

All inquiries about the entries or arrangement of the parade should

be made to Vernon Rieke, 207 W. 12th St., Phone 231R.

HOSPITAL NOTES

The past week brought quite an increase in the hospital list, with nine students listed. F. H. Wilson, Marvin Scott, N. M. Baker, F. G. Gottsberger, A. W. Retzel, R. K. Boyd, W. B. Hupp, and Austin Schuman all spent a day or two in the hospital with bad colds or sore throats; the ninth student, Robert Pohl, had his tonsils removed Thursday.

Junior Class Elects Officers

The Junior Class held its election last Thursday night in the Auditorium of Parker Hall. The fraternities made a clean sweep of all offices. Gene Olcott, Independent, and treasurer of last year's Sophomore Class, gave a financial report. The following officers were elected for the coming year: Herb Kamper, Triangle, President; Arthur Weber, Kappa Sigma, Vice-President; Russ Gund, Pi Kappa Alpha, Secretary; and Jimmy Carr, Pi Kappa Alpha, Treasurer.

Princeton University has purchased more than 600 volumes of 19th century fiction that were formerly in the Imperial Library of the Russian Czar.

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M. S. M. HOMECOMING FRIDAY, OCT. 21-22

Alumni--Read This Page For Schedules!

MINERS FOOTBALL Sat., 2 p.m. ARKANSAS TEACHERS

HOMECOMING PROGRAM

MISSOURI MINERAL INDUSTRIES CONFERENCE PROGRAM

FRIDAY MORNING OCTOBER 21, 1938

REGISTRATION—Parker Hall 9:00 A. M.

FIRST SESSION—Auditorium, Parker Hall 10:00 A. M.
Chairman—Wm. R. Chedsey

Technical Problems of the Southeast Missouri Lead District
J. E. Jewell, St. Joseph Lead Co.

Technical Problems of the Coal Industry
T. E. Creasley, Hume-Sinclair Coal Co.

Technical Problems of the Tri-State District
Victor Rakowski, Conc. Engr., Joplin

FRIDAY AFTERNOON OCTOBER 21, 1938

SECOND SESSION—Auditorium, Parker Hall 1:30 P. M.
Chairman—A. P. Green

The Civic Interest in the Mineral Industries of Missouri
G. C. Smith, M. K. & T. R. R.

Technical Problems of the Ceramic Industry
A. F. Greaves-Walker, Pres., Institute of Ceramic Engrs.

Technical Problems of the Cement Industry
C. M. Butler, Marquette Cement Co.

Facilities available through:
Missouri Geological Survey H. A. Buehler
U. S. Bureau of Mines R. S. Dean
Missouri School of Mines Wm. R. Chedsey

SATURDAY MORNING OCTOBER 22, 1938

THIRD SESSION—Auditorium, Parker Hall 9:30 A. M.
Chairman—W. M. Weigel

Sand and Gravel Industry
John Prince, Stewart Sand & Gravel Co.

Marble and Cut Stone Industry
Roy E. Mayes, Carthage Marble Corp.

Tripoli, Chatt and Ground Limestone Industry
B. D. Reynolds, Independent Gravel Co.

Barytes Industry
W. H. Comins, National Lead Co.

Pyrite Industry
R. Z. Williams, Thomas & Williams

Iron Ore Industry
M. E. Richards, Steelville, Mo.

Discussion
Visit Laboratories of School of Mines, Geological Survey and
U. S. Bureau of Mines

SATURDAY AFTERNOON OCTOBER 22, 1938

FOOTBALL GAME—Missouri Miners vs. Arkansas Teachers 2:00 P. M.

Banquet and Meeting—MSM Alumni 6:15 P. M.
Edwin Long Hotel

HOMECOMING DANCE—Jackling Gymnasium 10:00 P. M.

Of the many distinguished alumni of MSM who will be present for this year's Homecoming perhaps the most noted and famous is Dr. D. C. Jackling, whose success story reads better than any of Horatio Alger's. With his success is linked the success of most of our modern conveniences, for it is through the methods that he developed that the enormous quantities of copper used in all of our electric appliances became available. Thus the benefits of his work have come back to Rolla, and to the School of Mines. Further than this, the reflected glory and prestige which he has given to the School of Mines and thence to Rolla is of no less effect on the fortunes of that institution and city. For this and for his sterling qualities as a friend and patron the school and the city wish to show their wholehearted appreciation. We give you D. C. Jackling, the guest of honor of the 1938 MSM Homecoming!



DR. DANIEL C. JACKLING

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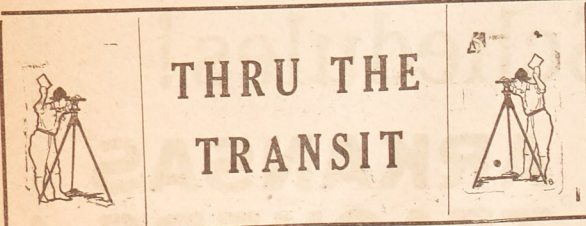
Sinclair Pennant Tavern

For Refreshments



I want to see Dan Jackling and every other M. S. M. man in my store this week.

John W. Scott, M. S. M. Ex '87, 51 years at 8th and Pine



Went out last night to pick up the usual line of gore and ran right into the old gang of regulars. Each bought me a drink to keep his name out of history, at least history is made at night, so they tell me. This morning got home in time to meet myself going out for breakfast, never realized there were so many sinners. Far be it from me to double-cross my pals, the rats, so here goes for those who thought their honor wasn't worth a drink, the suckers. Anybody that is interested in renting trucks for hayride parties or the proper methods of courting a farm girl may get said information from Jack Welsh, at least I hear he has had the experiences of a teacher.

Ah, me, I feel a poem coming on, so here goes.

Mary had a little swing,
It isn't hard to find,
And everywhere that Mary went,
That swing is just behind.

One should acquire of Sears concerning a new fashion that he started (the with no shirt). The statement of the house of ill repute was not meant to be the Lambda Chi's house.

This is getting to be more like a co-educational school every day. Now, Loveridge is throwing love notes to Kate in Prof. Lloyd's Sociology class. Quite a social problem indeed. What are the rumors concerning Dorsey and Josephine, what is the trouble Diefenbach, is he also beating your time? A couple of the boys have been walking around town with a worried look on their faces. They have been methyl blue. Someone is beating

Cross Country Race Postponed to Oct. 29

The cross country race, originally scheduled for Oct. 22, has been moved up to Oct. 29 to allow entrants to get into shape. This race, which will be held between halves of the Cape gate, will see keen competition, both between organizations and individuals. Besides counting toward the intramural cup, a gold medal is to be awarded the winner. The teams are not to be limited to two men as stated before, but only two men from each organization can qualify for a place. Entries must be in by Oct. 25, so get your entries in now, and see that your men get in shape.

Touch football is scheduled to open on Monday, Oct. 24. Pairings will be posted on the Gym bulletin board, with dates scheduled.

Ping pong and handball entries have been slow in coming in and entries will be accepted until October 25th. Medals will be awarded individual winners in these two sports, too, although they do not count toward the intramural cup.

For further intramural news, keep in touch with the bulletin board.

Livingston's time with the Lady in Red.

What happened to Harbour. He has been out of circulation since school started. How is Dallmeyer and the river coming along. Be carefully Dolly don't fall in. How are Hanes and the law enforcement officers out in Colorado getting along. Incidentally Wadlin is also out of circulation. Brownie was not seen at the shoe factory dance. The little lady must be out of town. Wonder if the files have been moved so the boys won't be too much of a nuisance. Things were rather quiet at the Snakes house, wonder why? Why can't B. C. control himself when he gets out of town on the football games, we already have six cheerleaders. Too many good looking ladies were present. Charles Dianovich decided to learn to play a trumpet and after blowing a few notes he can no longer find his instrument. A small reward might help Charlie.

Annual Pledge Dance Given by Sigma Nus

Among the visitors at the Sigma Nu Pledge Dance last Saturday night was Malcolm C. Sewell, secretary of the national order, who made an unexpected visit to the MSM chapter.

Professor and Mrs. Forbes, Mr. and Mrs. Fuller, and Professor and Mrs. Gilbert Noble were the chaperones. Over 100 persons were present to dance to the music of the Varsity Orchestra. No decorations were in the house, but a neon sign was on the outside.

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Joan Blondell is seen as Melvyn Douglas' dizzy wife in "There's Always a Woman" comedy at the Rollamo Theatre.

Wanderings of A Soph's Mind

Well, these freshmen are getting altogether two smart, why just yesterday I was in a bad yummer from losing my kriebe notes for the fiziks quiz and in order to restore my good spirits I walked over to a little bunsch of about 27 frosh and tolled them to take there pance off, and just imagin only 12 of them did. I even had to git another soph to help me pance the uther 15. Things shore have cum to an oful state when it takes too sophs to pance only 27 freshmen.

I shore am glad to see the rapid progres what is bein maid on the new hidraulicks blding, on acct of mabe they will have it completed when I am going to take hydralicks, wich I am goin, to do in a senior. I herd that they had quiet

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a bit of trouble when they was pourin the conceat, on acct of them WPA fellos pushed there wheelbarers so slow that the conceat in the wheelbarers hardened before could git it from the mixer to the forms. Even out here where the WPA is pavin the streets it keeps three men bizi chiselen the shovils out of the conceat on acct of the fellos what shovil the conceat are so slow that the conceat quiet oftin sets around the sovlis while they are shovilin.

That reminds me of these fellos what have NYA jobs hear. I was tawkin to one of them the uther day, and it was 10 minits to 3 and he looked at the clock and sed, wel, I just have time to do too hours work before 3 o'clock and I sed, what do you mean and he sed, Don't you no that NYA hours is only 5 minits long. I askt him if they worked all of this 5 minits and he sed, no, it takes about 4 minits to put down an ors time on the time card but we work the rest of the time.

Walter Goekel Visits Pi K A's
Walter Goekel, president of the Student Council last year, stopped at the Pi K A house Sunday with his current William Woods girl friend. Goekel is working at U. S. Engineer at McBride, Mo.

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H. C. Beckman Talks at A. S. C. E. Meeting

Mr. H. C. Beckman, District Engineer of the U. S. Geological Survey, addressed the A. S. C. E. last Tuesday, Oct. 4, on "Stream Gauging Work and Its Application in the Field of Hydraulics." Mr. Beckman explained the work being done by the ninety stations of the Survey in the State of Missouri, started in 1920 with the purpose of gathering information for the development of hydro-electric power, to furnish the State Highway Department with facts relating to the velocity, general height, and flood volume of rivers, to gather data on water supply, and to disburse information on the use of streams for ridding communities of waste matter or sewerage.

Mr. Beckman concluded his speech with the statement that the development of rivers for hydro-electric power will be an important field for civil engineers in the future.

Detroit Abandons Huddle System

Detroit, Mich. — (ACP) — Something new in football formations is promised University of Detroit football fans this fall with the announcement of Coach Gus Dorais that the huddle has been abandoned for offensive plays and called into being for defensive plays.

Dorais' quarterbacks will call signals in the good old-fashioned way when his eleven is in possession of the ball, for Gus believes that this type of play makes the game more interesting for the spectators.

But before each play is begun by Detroit's opponents, the Titans will huddle to determine which defensive formation to use, a style of play little used on U. S. college gridirons.

Advantage of Quizzes Questioned by Expert

Lansing, Mich. — (ACP) — Quiz-minded college professors and proponents of frequent tests to jolt

laggard students were themselves given a jolt recently by Michigan State College's Dr. Victor H. Noll.

In reporting the results of his researches on the effectiveness of quizzes, Dr. Noll has revealed that: "There is no evidence to support the common belief among instructors that written tests as commonly used motivate learning or increase total achievement in college classes."

"The results of the study indicate unequivocally that students in a class, where no quizzes of any sort were used, other than a mid-term and a final examination show consistently, though not substantially, higher average achievement than is shown by students in classes where occasional written quizzes were given."

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