



26 Sep 1934

## The Missouri Miner, September 26, 1934

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# THE MISSOURI MINER

## MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME XXI

ROLLA, MO., WEDNESDAY, SEPTEMBER 26, 1934

NUMBER 2

### PROGRAM ARRANGED

**Amelia Earhart, Noted Flyer,  
Heads List of Those on General  
Lecture Series**

At a recent meeting of the General Lecture Committee, presided over by Prof. S. H. Lloyd, a tentative program for the year was announced. About fifteen numbers are to be offered on the M. S. M. stage.

One of the outstanding attractions will be the lovely Amelia Earhart, the first woman to fly the Atlantic Ocean, and known internationally as an authority on facts pertaining to aviation. Miss Earhart, who will visit the campus Oct. 19, is a forceful and interesting speaker and will be well worth hearing.

Aviation, while not taught at M. S. M., should interest every engineer as it is fast creeping into the engineering field.

At a later date Dr. Larry Gould, geologist who was with Admiral Byrd at the South Pole, will tell of his experiences in the land of ice, and will explain some of the scientific facts that were learned there.

Also to appear on the lecture programs is Dr. S. C. Lind, the head of the Chemistry Department of the University of Minnesota, who is the most noted authority on Radium in the world. He uses more of the valuable metal in research than any other person in the country, and his talk will be most interesting.

To the students interested in guns, Dr. J. H. Matthews of the University of Wisconsin, noted ballistics expert, will speak on his many years experience in crime detection by means of science.

Those who like sports will want to hear Branch Rickey, vice-president of the St. Louis Cardinals vast and far-flung chain system, speak on "Sportsmanship." Mr. Rickey is a masterful talker and should have a large audience.

Col. Green, vice-president of the Cotton Belt Railroad and prominent engineer, will speak on some phase of engineering.

Lt.-Col. E. L. Daley, division of U.S. Engineers, now in direct charge of the Upper Mississippi Valley works of the U.S. Engineers, will speak on his work, later in the year.

Dr. S. Kirby-Miller, a former Rhodes Scholar at the University of Oxford, will give an illustrated address on "Oxford and the Rhodes Scholarship." Dr. Kirby-Miller is now on the faculty of the University of Missouri.

Other attractions during the year will be the M. S. M. players in their annual play, the Band concert, the Glee Club performance, and stunt night in which the different organizations have a chance to show their acting ability.

### ALUMNI NEWS

A baby daughter, Eline Ann, was born to Dr. and Mrs. H. H. Kaveler on Sept. 16, 1934. Dr. Kaveler graduated from M. S. M. in the class of '28 and is now a Professor of Physical Chemistry at George Washington University in Washington, D. C. Dr. and Mrs. Kaveler are both from St. Charles, Mo.

### MISS VERA SMITH WEDS MASON LARWOOD

Announcement was made last week of the marriage of Miss Vera Smith to Mr. Mason Larwood. The ceremony was performed at Jefferson City, Mo., April 19, 1934. The bride is the attractive daughter of Mr. J. S. Smith of Rolla. She was graduated from Rolla High School and later attended the School of Mines.

Mr. Larwood was a student at the School of Mines and graduated in the Class of '34. His home is in Buffalo, New York.

Mrs. Larwood will leave Rolla Thursday to join her husband at Buffalo.—The Rolla Herald.

### NEW COURSE IS FEATURED

**C. E. Department to Conduct  
Research Work on Bituminous  
Pavement Construction.**

Tuesday afternoon the Juniors and Seniors of the C. E. Department gathered in the Physics Lecture Room to hear Mr. S. G. Hays, president of the Missouri Asphalt Association, in the first of a series on bituminous pavement construction.

The Missouri State Asphalt Association, the State Highway Department and other interested parties are working in co-operation with Prof. Butler and Prof. Carlton of the C. E. Department, to put on a series of lectures at the school on the subject of highway construction with certain emphasis placed on the developments in the field of low cost bituminous construction.

It is planned to organize a formal lecture and laboratory course in bituminous construction and materials testing which will be ready by next semester.

See LECTURE COURSE Page 2

### BIG YEAR PLANNED FOR E. E. STUDENTS

The A. I. E. E. is looking forward to an interesting year. They are starting off with a bang Wednesday night, Sept. 26 at 8 o'clock.

The speaker for the evening will be Mr. L. H. Woolston, who is district engineer for the General Electric Company. Mr. Woolston is right in the field of work in which every electrical engineer would like to find himself. He knows the industry and will be able to give some first-hand, practical information. Mr. Woolston is planning a talk which will be interesting to professors and students alike.

All of the A. I. E. E. meetings are open to all students who have any interest in electrical engineering. The freshmen are all especially invited. Come out to this first meeting and we know you will be so well pleased with it that you will not want to miss a single one of them during the year. Refreshments will be served.

On Oct. 10 at 7:30 P. M., the first student meeting will be held and a number of interesting talks will be given by students and professors. Then, in addition, some very interesting, new motion pictures will be shown.

At this type of meeting everyone

### SCHEDULE OF MINER 1934 FOOTBALL GAMES

Pittsburg Kansas Teachers  
18; Miners, 6 at Pittsburg  
Sept. 29—Arkansas Tech at  
Rolla.  
Oct. 5—Kirksville Teachers  
at Kirksville.  
Oct. 13 McKendree College at  
Rolla.  
Oct. 20—Open date.  
Oct. 27—Arkansas University  
at Fayetteville.  
Nov. 2—St. Louis University  
at St. Louis.  
Nov. 10—Open date.  
Nov. 16—Springfield Teachers  
at Springfield.  
Nov. 23—Maryville Teachers  
at Rolla.

### F.E.R.A. AIDS 22 STUDENTS

**Largest Group, Seven, Engaged  
in Different Phases of  
Ore Dressing**

With the aid of the Federal Employment Relief Administration twenty-two workers are employed in different departments and on various projects at M. S. M., many of which are recent graduates and are now working on their Master Degrees.

The greatest number in one  
See F.E.R.A. Page 2

### A. S. C. E. HOLDS FIRST REGULAR MEETING

The American Society of Civil Engineers held its first regular meeting last Tuesday evening.

The speakers on the program were Prof. Butler, head of the civil engineering department; Mr. Beckman, an old member of the society; and Mr. Van Alstine, who talked on improving the highways with bituminous materials.

Mr. G. J. Borgstede, president of the society this year, welcomed the old members back and invited the new civil engineering students to

get to hear about what is most interesting to his fellow students.

The next big treat in store for all who are interested comes Oct. 31 at 8 o'clock, when Mr. Stanley Stokes, of the Union Electric Company, will honor us with a talk which vitally concerns the E. E. student. You will be the loser if you miss this meeting.

The second student meeting will be held Nov. 5 at 7:30 P. M., when a number of short student talks will again be heard and more motion pictures will be shown.

The last meeting before Christmas will be held Dec. 5, at 8 P. M., when Mr. G. H. Waters, who is consulting engineer for Wagner Electric Company, will be the speaker for the evening. Whenever we have an opportunity to hear a man like Mr. Waters, we should certainly take advantage of it.

Talk over the A.I.E.E. meetings with your room mate, or the rest of the fellows in the house, get up a group and come out to these meetings. Remember, refreshments will be served. All are invited.

### MAJORITY OF SENIORS '34 FIND EMPLOYMENT

The seniors that graduated last spring have had very good luck in jobs this past summer.

The civil engineering department heads the list having placed 87 per cent of its men, while close behind are the chemicals, which placed 83 per cent and the mining department which found jobs for 81 per cent of its seniors.

The ceramics had better luck than usual and have 75 per cent of their men working.

The metallurgists placed 66 per cent and the electricals and mechanicals only placed 62 and 53 per cent, respectively, of their graduates.

### MODEL IS INSPECTED

**Visit Made by C. E. Group to  
Site of Fort Peck Dam Experiment  
Work at Gasconade**

Last Thursday the faculty of the C. E. Department and several of the Juniors and Seniors drove to Gasconade, Mo., to witness a trial run on a model of the spillway for the Fort Peck Dam. This model is constructed at the boatyard of the U. S. Engineer at the junction of the Gasconade and the Missouri Rivers.

The model being tested was built to a scale of one thirty-sixth that of the full sized structure with hydraulic velocity on a scale of one-sixth. It is intended that a study of the behavior of this model will indicate the proper design of the huge prototype at the Fort Peck Dam now under construction by the U. S. Government.

Incidentally, the Fort Peck Dam represents one of the most outstanding construction jobs of its kind in the world, being the largest earth filled dam ever designed.

See C. E. TRIP Page 2

join the organization.

The president announced that at every meeting there would be an outstanding man to talk on subjects that are of interest to every civil engineering student.

Mr. Borgstede said that on October 9 Col. Daley would talk on the Upper Mississippi Valley improvement project of which he has charge.

On the 23rd of October the society has been fortunate in securing Mr. Russel, president of the Russel Axon Co. of consulting engineers.

Borgstede said that the society will have the pleasure of hearing Col. E. W. Green, vice-president of the Cotton Belt Railroad. Col. Green will talk on the development of High Speed trains.

November 6th, Mr. Beckman, consulting engineer for the city of St. Louis, will lecture on Bridge Construction in the city of St. Louis.

December 12th, Mr. Borgstede will present to the society Mr. Carl Brown, Assistant Chief Engineer of the Missouri State Highway Department. He will discuss the state highway system.

From charity to chiseling is a shorter route than many of us may suspect. —Silas Bent.

### OFFICERS SELECTED

**Military Department Announces  
Appointments for First  
Semester at M. S. M.**

The Military Department announces the following appointments for first semester in the R.O.T.C. Battalion of the Missouri School of Mines:

Staff—Cadet Major, Fischer; Cadet Capt. and Adj., Howe.

Colors: Cadet staff Sgts., Hanson, Peebles; Cadet Corporals, Finley, Peters.

Cadet Captain, Company A, Dutton; Company B, Snyder.

Cadet Lt., Second in Command, Company A, Johnson; Company B, Neel.

Cadet Lt. 1st Plat., Company A, Mashek; Company B, Deroy.

Cadet Lt. 1st Plat., Company A, Giladof; Company B, Colman.

Cadet Lt. 1st Plat., Company B, Nolde.

Cadet Lt. 2nd Plat., Company A, Borgstede; Company B, Knoll.

Cadet Lt. 2nd Plat., Company A, Beck; Company B, Haffner.

Cadet 1st Sgt., Company A, Weorheide; Company B, Hubbard.

Staff Sgt. 1st Plat., Company A, Worseek; Company B, Schwalbert.

Staff Sgt. 2nd Plat., Company A, Reinmiller; Company B, Striker.

Cadet Sgt. Rt. Guide 1st Plat., Company A, Folsom; Company B, Wommack.

Cadet Sgt. Lt. Guide 1st Plat., Company A, Alper; Company B, Barrow.

Cadet Sgt. Rt. Guide 2nd Plat., Company A, Compton; Company B, Fiss.

Cadet Sgt. Lt. Guide 2nd Plat., Company A, McCarron; Company B, Reed.

Cadet Sgt. Filecloser, Company A, Collins; Company B, Roy.

Cadet Corp., Guidon, Company A, Deaderick; Company B, Johnson, R. B.

Cadet Lts. in Band, Company A, Coddington; Company B, Dallmeyer.

Cadet Sgts. in Band, Company A, Clanton; Company B, Rodman.

Cadet Corps. in Band, Company A, Appleyard; Company B, Lange.

Cadet Corporals: Bentley, Bruer, Busch, Cardetti, Culbertson, Dods, Finley, Frame, Holman, Holz, Johnson, Kaley, Kopp, Luder, Fairchild, McCutchen, Peters, Vogt.

The annual Armistice Day Parade will be held during the 11 o'clock drill period on Wednesday, Nov. 14, instead of Armistice Day because Armistice Day is on Sunday this year.

Temple University, long known in Philadelphia as the "School Without a Campus," is to have a campus. Although not large, the students are making quite a bit over it.

### ERRORS—

Because he was still traveling in the fog of a labor-filled summer, a good many typographical errors slipped by the Editor last week.

Please don't think that it was caused by his necessity to look at things through rose-colored glasses. This issue should be O. K.

45649



## THE MISSOURI MINER



Official Publication by the Students of the  
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in the Interest of the Alumni, Students and Faculty

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FACULTY ADVISER ..... DR. J. W. BARLEY

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## "PACING" AND "LEADING THE FIELD"

We have often seen men jogging around the track with a runner of ability who could step out and leave all behind in a real race. Good runners often have 'company' in their training jaunts, but they so regulate their pace that it will not tax the endurance of their 'company.' In a real race, the well-trained and ambitious runner gets out in front and "leads the field."

The same thing is true in many other activities, even in the methodical work of a university. The outstanding and worthwhile school is the one that steps out ahead and meets the needs of the day before the rest of the pack wakes up to the existence of these needs. The likening is not literally true, we admit, for in many cases it is in the schools that developments are made which bring about changes necessitating advances in certain fields of study.

Even so, sometimes several years elapse between the development of a method or process and the incorporation of the study in the curricula of the school. This is a sad state but something which cannot be easily changed.

We are proud to say that the Missouri School of Mines and Metallurgy has taken advantage of an opportunity to step out and lead the field in a study which has recently made remarkable advances and which promises to require a large number of technicians in its various branches. We refer to the beginning of a series of lectures on the latest developments in low-cost highway construction methods.

There is an opportunity here, which, if properly handled, will develop into a new course of study that is demanded by the industry and promises to furnish employment to a large number of men.

The salvation of the technically trained man today is the development of the new fields, and it is proper that every advance in science results in a field of endeavor which will reward men for its study.

Further and further specialization will make it impossible for one man to be generally trained and still be able to meet the requirements of all branches. It is reasonable, then, that an opportunity to add a highly specialized course to the regular curricula should be taken up quickly and the most made of it.

We hope that the efforts of those connected with this new study will be rewarded by the production of a sufficient number of properly trained men so that the needs of the industry will be met, and that this training will insure the successful application of the knowledge acquired in the development of a much-needed highway system in the state.

## THESE "NEW DEAL" FRESHMEN

After going through the rigors of a Freshman Circus, living up to the rules and regulations of a strict Senior Council, and then standing by for two years to watch two other classes do the same, it is rather difficult to become accustomed to the more or less freedom of this year's Freshmen.

In fact, it has almost caused some embarrassment because of the natural reaction to bring a Freshman to time.

Granting that there is virtue in the present system of allowing the new men to do as they wish, there is still a crying need for means of showing these youngsters the errors of their ways. There are certain rules of society which ought to be familiar to the Freshmen, even this early in life. Reference is made to such things as removing hats upon entering classrooms, offices, and such; indiscriminate disposal of cigarette butts and carelessness of glowing matches; cutting across the grass on the campus, and a number of other common breeches of the rules.

Then there is that old thing "respect for elders" which we think should be observed by everyone, and especially those

new to the campus and to college life. Those that are fortunate enough to be in Fraternities at this early season should and will have the opportunity to learn the value of this courtesy. The others will find it to their advantage to learn it at once.

FRESHMEN—we think it your duty, not only as Freshmen, but as students and gentlemen to observe some of these rules mentioned. We hope that you will do this upon your own volition, now that the forceful method has been thrown into the discard.

## THE PROFESSIONAL SOCIETIES

We have on this campus, curricula in the principal branches of engineering. These curricula have been carefully organized and meet the needs of the profession in admirable fashion. We also have student chapters of the chief professional societies and some of the minor ones. These student chapters were designed to fill a gap in the training of the student engineer, and they were organized with almost the same care as the various curricula.

It seems that the psychology of the student mind was not taken into full account, however, and the results obtained by the student chapters have not, in all cases, been the ideal. It is true that some of the local chapters have done creditable work and deserve commendations.

The point in question, though, is that these organizations should and could do a great deal more than they are.

The professional society has two purposes—to bind the members of the profession in a common purpose with high ideals and ethics, and to furnish a means of disseminating useful ideas which aid in the progress of the sciences of the profession. There is also the social value of the organization which has its own place in the life of the members.

With these things in mind, it seems that a glance at the student chapters would show a definite lack of spirit in the students' attitude toward the value of activity in the professional societies. The losses sustained by this lack of interest are great, and it is realized only after the student has graduated and gone into the field of his profession.

This year would be a good time to start some real action in the student chapters so that they will be a definite part in the student life. The best time to start the necessary moves is now!

## C. E. TRIP

A full run of the various stages was made in the presence of the visitors, and data were obtained which will be used in computing the feasibility of the spillway design. At one stage the flow represented a flood which is calculated to occur only once in a thousand years.

The sixteen control gates were opened at this stage and the flow was easily confined within the allowable limits of the model.

The model, itself, was constructed on a special base. The waterway was of concrete, hand finished with emery to obtain smooth surfaces. The gates and flow regulators were built of wood carefully shaped to scale and highly polished to reduce resistance. Various types of measuring devices were installed to aid in collecting necessary data, and a series of weirs and baffles insured control of the flow.

The water necessary for the test was furnished by the pumps of the U. S. Government dredge, boat, "Captain William Clark." This dredge boat was inspected by the writer and proved to be an interesting part of the trip. The dredge holds the world's record for moving material, having a capacity of 9000 cubic yards per hour.

The boat was designed and built by the Corps of Engineers and inspected by Byrl Slater, '28. It cost \$500,000 to build.

The data on the boat and its equipment were furnished by Slater as follows: Length, 269 feet, beam 85 feet, draft, four feet, two inches; displacement, 1456 tons, accommodations for twenty-six officers and thirty-six men. Propelling engines, tandem compound with eighty-four inch stroke and speed of 9.8 miles per hour. Horsepower, 1627. The pumping engine is a three-cylinder, triple expansion, marine type with twenty inch stroke, of 1350 horsepower. The pump is a centrifugal type discharging at the rate of 110 cubic feet per second.

In April of this year, this boat and her crew moved 2,682,000 cubic yards of material in the amazing time of 504 hours.

Besides the interest of the model and the dredge, other things to be seen in the boat yard greatly repaid the students for the time spent in making this trip.

Mr. Hubbard was also along and took several pictures of the activity. He was given the privilege

of riding a sling seat lifted by a steam locomotive crane alongside the model so that he could obtain better shots.

Max Ueltzen, E.E., '31, was assisting the engineer in charge, Lt. Thompson of the Engineer Corps. Byrl Slater, M.E., '31, also was assisting with the test. Max has been employed in the installation of short-wave radio equipment on all boats on the river and in all stations in the Kansas City District.

## LECTURE COURSE

In presenting these lectures, the C. E. Department is complying with requests from both the State Highway Department and the Missouri Asphalt Association for the training of men for the little known but widely applicable field.

Under the present circumstances, it has been necessitated that the State continue with its extension of the highway system under serious financial difficulties. Missouri needs a good road system, but its traffic does not warrant large appropriations for expenditure on the greater percentage of the mileage of the system.

In its search for a low-cost, but satisfactory surfacing material, the Highway Department has developed a method of construction involving a "step stage" process which does not involve great expense but insures not only a good road but also a constantly improving type which in its ultimate amounts to practically the highest type of pavement.

The handicap in this newly developed method has been the lack of men properly trained to supervise construction. Also, the design and specification for this new method are highly experimental, and a large field is open for research.

With the possibilities of the method in mind and the need of trained men apparent, the first move was to awaken interest in the field.

Several M. S. M. men worked this last summer in various capacities which afforded them an opportunity to learn the possibilities of the method and some of the problems connected with it. Their success and application warranted a further and more intimate extension of the feature of the method to the engineering students of the state.

Prof. LaRue and Prof. Ruby, members of the faculty at the Uni-

versity are also co-operating in the development of a course of study in the new field. However, before such a course can be brought to a presentable shape, some time must be spent in studying the best approaches to the subject. In the meantime there will be given a lecture each week of an hour and a half each. The speakers on this program will be men of prominence in the highway engineering field.

At the present time there have been definitely invited to speak, the following men: T. H. Cutler, chief engineer of the Missouri State Highway Department; Prof. Hubbard, technologist for the Association in New York; Prof. Crandall of the University of Illinois; Prof. B. H. Petty of Purdue University; and Mr. A. H. Hinkle of the Indiana Highway Department. There are also many others who will be placed on the list of speakers at later dates.

This opportunity which is being given the students is a valuable one and should be taken up at once. The field is open and has possibilities beyond that of any other similar field at the present time.

The School of Mines is fortunate in being able to keep abreast of the needs in the engineering field, and it should endeavor to stay abreast of these needs.

## F.E.R.A.

group, seven in all, are engaged in different phases of research in ore dressing, at the Bureau of Mines. R. J. Dobson, W. F. Gaddis, E. W. Gieseke, W. H. Lenz, A. H. Hesse, E. W. McClure, and R. A. Tleman, all graduates of M. S. M. make up this group.

Under the supervision of Prof. Frame of the electrical department, J. D. Martin, '32, is engaged in the study of the acoustics of the Auditorium in Parker Hall, in view of future improvements.

r G. W. Douglas, '30, is conducting a survey of the lighting in the buildings of the campus. As the many additions were made at different times in the history of M. S. M. the lighting is not of the best, and many improvements are planned.

Carl A. Allebach of Springfield, Mo., will do graduate work in the study of the ore depositions in this state.

Working on special problems for the American Society of Testing Materials, is Bob Weigle, '34, under Prof. Dodd of the Ceramic Department.

At the hospital, in the capacity of trained nurse is Miss Alma Toben of Rolla, a graduate of a Tulsa, Oklahoma school.

Assisting Mr. Howard in the library is Gilbert Knipmeyer, lately of Chicago, who received his Bachelor and Masters Degrees from Stanford University in California, and who later did graduate work at Chicago University.

Working in collaboration with Dr. Mann of the Drawing Department is Glen T. Smith of Southwest Teachers College at Springfield, Mo. Mr. Smith is assisting in the testing of the abilities and the aptitude of engineering students.

Also acting as an assistant is Adrian Farnham, a Sophomore M. S. M. student, who is well experienced in that line.

Active in the survey of roads in Phelps and adjoining counties are H. O. Henrickson and C. H. Beardsley. This information is being gathered for the future, in case the State is ever asked to assume control of all the roads, located in the state.

Canning most of their food during the summer time enabled a group of co-eds at Alabama Polytechnic Institute (Auburn) to save approximately \$167 each on their school expenses.

Eighty-eight of the 192 Rhodes scholars in 1933 were from the United States.



## STUDENTS RETURN TO M. S. M AFTER SUMMER IN EUROPE

First of a series of Articles on conditions in Europe  
as I Found them

By R. E. Schneider.

Written at sea, Aug. 7, 1934 on  
the S. S. Collamer, American-  
France Lines.

L. E. Schneider and John  
Ruwwé, students of Petroleum En-  
gineering and Geology, respective-  
ly, spend summer holidays in Eu-  
rope, June 23 to Aug. 4.

A few notes to the effect, that  
this trip was not made from a

standpoint of harboring any spe-  
cific realization, pro or con, Eu-  
ropean conditions politically or  
socially— but was made in the in-  
terests of education from which  
ideas and instances were observed  
and experienced.

### Plan of Discussion:

Strictly personal opinion, re: var-  
ious countries visited, the general  
conditions of the Educational In-

stitutions and the attitudes of the  
students of these various Universi-  
ties with regards to the present  
and future developments in Euro-  
pe—politically and educationally.

This trip was planned the last  
weeks of May and the sailing date  
was set and re-set a few times due  
to reasons unknown to, but accept-  
ed by us, as logical and reasonable.

Saturday afternoon, June 23, has  
the two Miners,— ambing wrecks,  
all set to nurse those Missouri  
Mules to a change of pastures—  
this change being fully 5000 miles  
distant. Having assembled at the  
East St. Louis Stockyards, our first  
stage of the trip took us to the  
Roselake Railroad Yards of the  
East Side where we received our  
first assignment— being a private  
railroad car,— bound for Jersey  
City, N. J.

This private car as mentioned,  
is known to the yard laborer as  
a passenger caboose. Each pass-

enger was assigned a car of mules  
for which he was to care. This  
measure is provided to stay within  
the limits of the law for transpor-  
tation— a technicality. The jour-  
ney from here to Jersey City may  
as well be omitted, for it is need-  
less to say— a mule is a mule.

Again offering apologies, these  
two promising city farmers (this  
requires apt visualization) were  
well occupied— fitting "muzzles,"  
commonly known as halters, on  
the lot of mules, 109 in all. This  
hair-raising episode took place at  
the Jersey City Stock Yards. Fol-  
low the next operation—of assist-  
ing in loading the animals on a  
barge and unloading again on a  
ship.

Having escaped all maltreat-  
ment from these long-eared so  
and so's, a short harbor trip to  
Pier No. 1, Hoboken, N. J.

Time: 1 P. M.  
Place: Pier No. 1.

Cargo: Missouri Mules and Mo.  
Miners.

The good ship S. S. Independ-  
ence Hall waited with open arms  
for its cargo. I repeat the neces-  
sary apologies and after the usual  
coaxing, to say nothing of means  
and language, the mules are cozily  
placed between decks, amid ships  
and in the shelter deck.

Taking time to visit a bit of  
New York City—Wall Street, the  
Battery Park, etc., we returned,  
and at 6 p.m. Wednesday, June 27,  
Europe bound. From the bay one  
can see that beautiful sky line—  
made by Engineers, and to whose  
beauty we contribute the fact that  
America is fifty years ahead of  
the rest of the world.

A short while in the Harbor—  
now in the Bay—and evening  
brings that shadow of darkness.

Date: June 27, 1934.

See MULE TRIP, Page 5

# How Refreshing!



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The American Tobacco Company.

# Luckies

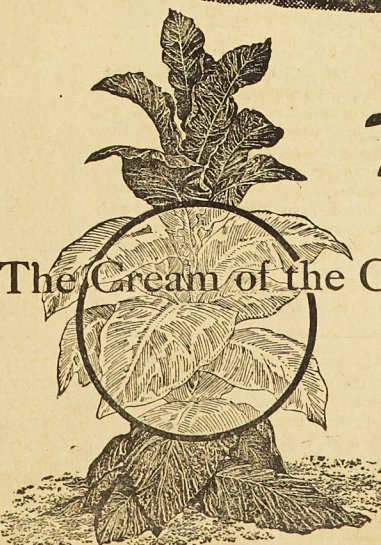
# They Taste Better

Only "The Cream of the Crop" is good enough for Luckies.

And that means—Luckies use  
only the clean center leaves—  
these are the mildest leaves—they  
cost more—they taste better.

"It's toasted"

✓ Your throat protection—against irritation  
—against cough





# MINERS DROP INITIAL CLASH TO PITTSBURG GORILLAS

McGREGOR SPRINTS 87 YARDS FOR ONLY TOUCHDOWN

Score Comes When Opening Kick-off of Second Half is Run Back for Counter; Rain-Drenched Field Slows Work of Both Teams; Punch of Silver and Gold Lacking; Mattei's Work in Line Is Outstanding

The K.S.T.C. Gorillas of Pittsburg, Kansas, defeated the Miners 18 to 6 at Pittsburg last Friday night. Playing on a rain drenched field before a good sized crowd, the Miners were unable to get started and went down to defeat in the first game of the season. The only offensive punch shown by the Miners was McGregor's brilliant 87 yard run for a touchdown on the opening kick-off of the second half. Aided by some very good blocking, McGregor out-ran the entire Gorilla team. Mattei's defensive work in the line was exceptionally good and he will probably be one of the Miner stars this season.

Play by play: The Miners won the toss and elected to defend the north goal. Hawley kicked for the Gorillas and Schwab received. Plummer hit the right side of the line for no gain. Nickel also failed to gain. Nickel punted to the 35 yard line where it was taken by Young and returned to the 30. Killian failed to gain through the line. Killian punted to Nickel on the 30 and he returned it to the 36 yard line. Wommack made 2 yards through center. Nickel knifed through the left side of the line for 5 yards. Nickel's punt was blocked but was recovered by Miners. Nickel again punted to Young on the 35 yard line who returned it to the 38. Fahrnbruck hit off tackle for 5 yards. Fahrnbruck attempted a pass which was knocked down. Fahrnbruck again passed, this time good, for twenty yards. Sellman picked up 7 yards through the line. Killian punted to Nickel on the twenty who returned it eight yards. Schwab made 8 yards around end. Nickel was unable to gain. Wommack was unable to gain on a spinner. Nickel kicked to the 27 and it was returned to the 47. Fahrnbruck was thrown for a 3 yard loss. The Gorillas suffered a 5-yard penalty for off side. Sellman's pass to Fahrnbruck was incomplete.

Sellman again attempted to pass which was intercepted by Plummer on the K.S.T.C. 48 yard line. Nickel hit the line for 9 yards. Schwab was unable to gain. Nickel gained 10 yards for a first down. Schwab made 6 yards through the line. Wommack was thrown for a 2 yard loss. Schwab also lost two yards. Wommack's pass was incomplete. Teacher's ball. Myers picked up 6 yards through the line. Myers failed to gain on next play as quarter ended.

Myers again carried the ball and was good for 5 yards. Miners received 5 yard penalty. Fahrnbruck received a pass which netted 15 yards. Fahrnbruck gained 9 yards around end. Myers piled through center for a first down. Fahrnbruck made 7 yards around end. Fahrnbruck was knocked out of bounds on the 25 yard line. Young was unable to gain through center. Fahrnbruck's pass to Young carried the ball to the 13 yard line. Fahrnbruck made 6 yards on a cut back. Fahrnbruck piled through to the 3 yard marker. Myers went over for a touchdown. Young's kick for extra point was wide. Miners 0, Pittsburg 6. Schwab kicked off for the Miners. Gorillas off side. Miners kicked over. Smith ran the ball back from 20 to 35 yard line. Myers was unable to gain. Myers' punt rolled to the 20 yard marker. McGregor's pass was intercepted by Weiner who returned the ball to the 17 yard line. Smith gained 7 yards. Myers

made a first down. Smith put the ball on the 1 foot line. Myers made the touchdown. Young again failed to kick the extra point. Miners 0, Pittsburg 12. Ertz kicked off for Pitt to the Miner 30 where it was taken by Folsom and returned to the 37. K.S.T.C. off side. Miners decline the penalty. McGregor gained 4 yards. Nickel also picked up a few yards. McGregor lost 2 yards on a delay-of-buck. McGregor kicked to the 20. Pitt penalized 15 yards for clipping. Gorillas punted. Schwab was unable to gain. McGregor passed over goal line incomplete. McGregor attempted cut back and lost 12 yards. McGregor passed to Pfeiffer who ran to the 14 yard line. Miners lost ball on downs. Young was tossed for a 2 yard loss. Readecker kicked to the 50 yard line and the ball was returned to the 43. McGregor attempted 2 passes, both incomplete. Nickel gained 4 yards as the half ended. Miners 0, Pittsburg 12.

Hawley kicked off for Pitt; the ball was taken by McGregor on the 13 yard line and run back for a touchdown. McGregor attempted to run for extra point but was stopped. Miners 6, Pittsburg 12.

Schwab kicked off for Miners. The ball was returned by Killian to the 38 yard line. Fahrnbruck was thrown for a 9 yard loss. Killian kicked to the 30 yard line. McGregor lost 5 yards. Schwab gained 3 yards. McGregor's kick was blocked but was recovered by McGregor on the 12 yard line. Nickel punted. Pitt off side. Penalty declined. Fahrnbruck unable to gain. Pitt penalized 15 yards for clipping. Killian kicked out of bounds on the 29 yard line. McGregor lost 5 yards. McGregor "quicks" to the Miner 38. Fahrnbruck lost 3 yards. Fahrnbruck's pass was received out of bounds and therefore no good. Sellman's pass was also incomplete. Killian quicks out of bounds on the 23 yard line. McGregor was unable to gain. Nickel punted out of bounds at mid-field. Fahrnbruck gained 3 yards. Sellman picked up six yards on 2 plays. Killian's punt was grounded on the 6 yard line. Nickel's punt was returned to the Miners' 25 yard line. Pitt was penalized for holding. Fahrnbruck and Smith were unable to gain in 3 plays. Killian kicked to Miner 15. After one play McGregor kicked to mid-field. Fahrnbruck attempted two passes, both were incomplete. Killian kicked out of bounds on the Miner 28. McGregor gained 8 yards as quarter ended. Miners 6, Pittsburg 12.

After losing 6 yards on 2 plays, Nickel punted to Smith who ran it back to the 37. Fahrnbruck lost 2 yards. Smith was held for no gain. Killian rolled a kick to the Miner 10 yard line. Nickel's kick was good for 25 yards. Miners penalized 15 yards. Killian unable to gain. Smith also was held. Fahrnbruck's pass to Young was good for 11 yards. Killian made a 3 yard gain. Smith held for no gain. Pass over goal line was knocked down. Fahrnbruck's pass was incomplete. Smith made 4 yards. Fahrnbruck's pass was incomplete. Killian's punt was grounded on the Miner 3 yard line. Nickel's punt was returned to the 23. Smith picked up 3 yards. Smith and Fahrnbruck made a first down. Ricketts made 4 yards. Fahrnbruck was held for no gain. Smith went through to the 2 yard line. Fahrnbruck went over on 2 plays for a touchdown. Fahrnbruck's kick was no

good. Miners 6, Pittsburg 18. Killian kicked to Howerton as the final whistle blew.

The play of Fahrnbruck was outstanding for the Teachers. Carrying the ball the majority of the time he piled up an impressive total of yards. Smith, a mighty atom weighing less than 150 pounds, proved extremely elusive and was seldom stopped for less than five yards.

The Miners were poor on the run back of punts and several times got in tight spots due to poor judgment on these kicks.

## Summary:

Yards from scrimmage, Miners 63, Pitt 118. First downs, Miners 2, Pitt 11. Passes, Miners 6-15, Pitt 16-48. Punts, 14-422, Pitt 16-425. Penalties, Miners 2-20, Pitt 5-55. Kickoffs, Miners, 2-154, Pitt 4-164.

## Starting lineup:

MINERS	LE	PITTSBURG
Dudley	LT	Tarrant
Appleyard	LT	Wells
Massero	LG	Nylec
Spotti	C	Weiner
Mattei	RG	Bly
Penzel	RT	Hawley
Hubbard	RE	Russell
Wommack	QB	Young
Schwab	RH	Sellman
Nickel	LH	Fahrnbruck
Plummer	FB	Kilian

## TO HOLD OPEN HOUSE

The Sigma Nu Fraternity cordially invite the student body and faculty and friends to attend an open house Sunday, Sept. 30, from 2 to 5 p.m.

## EPSILON PI OMICRON HOLDS FIRST MEETING

Epsilon Pi Omicron held its initial meeting of the year last Wednesday evening, September 19. President John Sabine was very much pleased with the exceptional turn out of this active group.

A report from the treasurer was given and the possibility of affiliation with Alpha Chi Sigma this year was discussed. Plans were made to arrange for prominent speakers for some of the future meetings of the organization, while other gatherings would be entertained by talks from various members.

After a short conference on the possibility of pledges, the meeting was adjourned.

## COLLEGIATE DIGEST WANTS MINER PICTURES

Beginning with the issue of last week, the Missouri Miner will be accompanied by the Collegiate Digest, a rotogravure section containing national collegiate news in picture and paragraph.

Photographs of events on our campus will appear in Collegiate Digest, and students are urged to send photos to the editor (Box 472, Madison, Wis.) that he may have a greater choice of interesting news from our college. He will pay \$1.00 for all photos accepted for publication when published.

This is the first year that the Miner has distributed Collegiate Digest as a regular feature for its readers.

It is published by the Associated Collegiate Press, a co-operative organization of some 250 college and university newspapers in the United States, and has proven its "readability" during the time that it has been published.

Some of the other colleges that use this feature are Harvard, Dartmouth, Brown, Rutgers, Wisconsin, Minnesota, Chicago, Notre Dame, Columbia, Georgia, Alabama, and Florida, and many others, all of which are members of the Associated Collegiate Press.

The editors of the Collegiate Digest invite the comment and criticisms of the students of the School of Mines who are regular readers of the Missouri Miner.

## FRATERNITY COUNCIL DANCE TO BE DEC 6

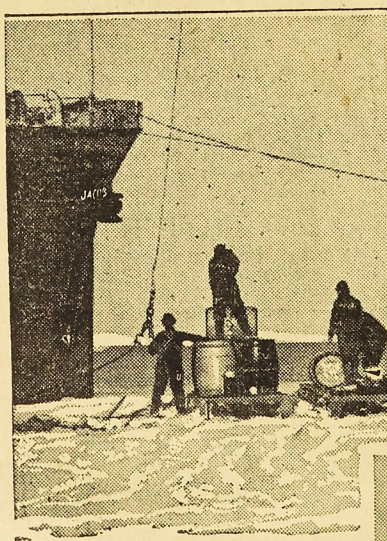
The Inter-Fraternity Council held its first meeting of the year in the club room of the Metallurgical Building Wednesday, September 19, at 7:30 p.m.

Several matters for discussion came up, the first being that of setting a date for the Fraternity Council dance which is to be Friday night, December 6, at the Atlanta in St. James. The music is to be supplied by an out of town orchestra.

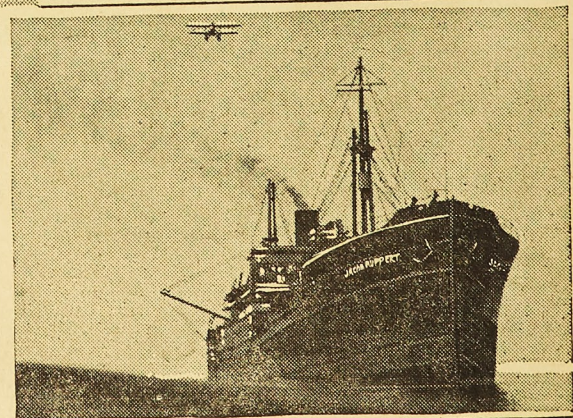
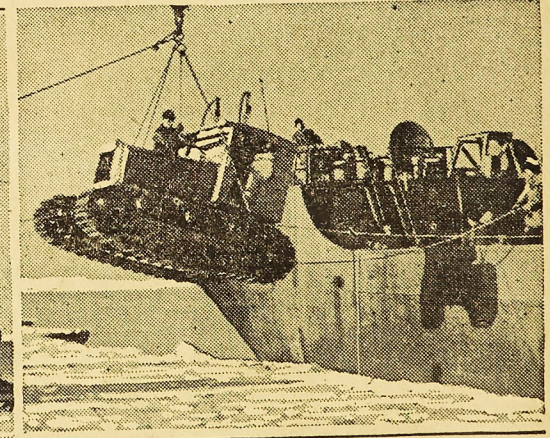
Following this came that of reforming the organization with inclusion of all fraternities on the campus and securing pens for the members.

Beat Arkansas Tech Friday

## Little America Goes Into High Gear!



Upper left—Unloading the gasoline from the Byrd flagship, Jacob Ruppert, to the bay ice in the Bay of Whales. Upper right—From the Ruppert comes one of the four tractors which will make a 1,000-mile exploration trip when Spring comes in October in Antarctica. Lower right—Admiral Byrd returning to the flagship after the exploration flight which obliterated 200,000 square miles of non-existent land from the world's map.



THE first pictures to arrive from the world's most completely automated polar enterprise, the Second Byrd Antarctic Expedition, show part of the immense supply of 19,450 gallons of Tydol gasoline being hauled from the flagship Jacob Ruppert over the snow to Little America, for the ex-

ploration flights and tractor journeys to start in October when spring returns to Antarctica. This amazing automotive expedition has five airplanes, four tractors, two snowmobiles and a powerful motor boat. Among its supplies are 800 gallons of Veedol motor oil, 1500 gallons

of Tide Water kerosene and many other kinds of special oil and grease, in addition to hundreds of tons of food, radio equipment, clothing, tents and equipment, not to mention 700 bales of hay and other food for its three cows and one baby bull.



It's been a slow boys are studying create any dirt to pick up. May bit cloudy or d use this summer around to it we man clean them is, if the fresh to do something (freshmen) sure obey the rules la Something shoul In the first pla just who are fres not. Nobody se caps and susp they can't get h of them are jus them on. Don't k sponsibility lies washy business duct of freshme responsible shou before the first that we can g spirit. And sp spirit: MSM sh hit more this year have lacked it sa will be allowed year more peo stands and the cheering and as be better spirit. so. There is to this Friday night field. There wil let's all get up suffered a defe end, but don't first game and had about four tice due to the are going to hav fall and we are Louis University team as much a

And speaking we might review of the trip inas ed down there seems that the monition of the Mattei was to di sented him with the game at th Carthage. It is ing to mention the gift, but w a bit and let y an article of w around the uppe and covers the neck and the wa starts with Ba say that the gi to the game th Pete played just the Miners in our it is hard to pic the whole line well. Our troubl offense. Well, v game, but we gav to think about w the kick-off at t for a touchdown.

Mattei had a this trip; it see must have been took his shoes o when the team a he could only f After looking a some time he a hotel and there c with his name o shoe.

After the game would taste of night life of the to the Commerce

JIM P. Watchmaker Fine Repair W 38 Years' Ex 28 Years in





## THRU THE TRANSIT

by Pin, the old key-holer



It's been a slow week. Guess the boys are studying too much to create any dirt for this instrument to pick up. Maybe our lens are a bit cloudy or dusty from lack of use this summer. When we get around to it we will have a freshman clean them up for us. That is, if the freshman doesn't get us to do something first. They (the freshmen) sure are neglecting to obey the rules laid down for them. Something should be done about it. In the first place it's hard to tell just who are freshmen and who are not. Nobody seems to be wearing caps and suspenders. Some say they can't get hold of any and lots of them are just forgetting to put them on. Don't know where the responsibility lies for all this wishy-washy business in regards to conduct of freshmen, but whoever is responsible should hop on the job before the first football game so that we can get a little school spirit. And speaking of school spirit: MSM should have quite a bit more this year. Here-to-fore we have lacked it sadly. Since no cars will be allowed on the field this year more people will sit in the stands and that will help the cheering and as a result there will be better spirit. At least we hope so. There is to be a pep meeting this Friday night up at the football field. There will be a bon-fire and let's all get up there. The team suffered a defeat this last weekend, but don't forget it was the first game and the team had only had about four days of good practice due to the bad weather. We are going to have a good team this fall and we are going to beat St. Louis University, so let's back the team as much as we can.

And speaking of football games we might review a few highlights of the trip inasmuch as we journeyed down there Friday night. It seems that the boys had a premonition of the good work Tiger Mattei was to display so they presented him with a little gift before the game at the Drake Hotel in Carthage. It is a trifle embarrassing to mention the exact name of the gift, but we will hint around a bit and let you guess. It was an article of women's wear worn around the upper part of the body and covers the region between the neck and the waist. And the name starts with B. However, we will say that the gift didn't do justice to the game that Tiger played. Pete played just about the best on the Miners in our opinion, although it is hard to pick the best because the whole line showed up very well. Our trouble seemed to be on offense. Well, we didn't win the game, but we gave them something to think about when McGregor ran the kick-off at the half 87 yards for a touchdown.

Mattei had a lot of trouble on this trip; it seems that his feet must have been hurting him so he took his shoes off in the bus and when the team arrived at Carthage he could only find one of them. After looking around for quite some time he stormed into the hotel and there on the clerk's desk with his name on it was his other shoe.

After the game we thought we would taste of the evils of the night life of the town so we went to the Commerce Cafe. We had

been told it was a wicked place. We were sadly disappointed in the evils, but we did run across a lot of old Miners there and also at the game. Pittsburg is lousy with alumni of MSM.

The gilded orchid of the week goes to Gardner. He can lose his cookies and hold them at the same time. He lost them on the bus and held them for about three minutes until the window could be raised. That's pretty hard to figure out, but ask him for details.

Hoener seems to have gone the way of most Sigma Nus in this school. He hung his pin out on a Southern belle from Tupelo, Miss., this summer. It seems that this little act has earned for Hoener the title of "Oodles." Well, "Oodles," for two cigars we will forget all we know about you.

### MULE TRIP

Place: At sea off New York.

Destination: Bordeaux, France.

Of course, the mules needed attention. Here's where we acquire that apt hay shaking ability. The mules were fed hay, oats and water according to the diet. Not a bad job and after a few days, then weeks of "mulonomy," we have them in port at LeHarve.

The American France Lines scheduled stop at LeHarve, first brought us sight of Lands End, off coast of England—date July 8, 1934. Time 6 a.m.

Hitting the tide right we docked at American France Warehouse in LeHarve, Monday morning, July 9, 1934, at 8 a.m.

Taking advantage of ship leave from 1 to 4 p.m., we gesticulate with Frenchmen, and finally are sated with their supreme stupidity.

At night the famed Rue de Gallione—apologies to East St. Louis—finds "Feel-me" Ruwwe frightened by the austere women. His only objective is to run back to ship still bent on spending that valuable time with the non-observers.

Anchors aweigh!—and bound for Bordeaux, France. The trip along the French coast is very scenic and the river trip, 60 miles inland, on the Gironde is welcomed by the whole crew.

In port Thursday evening and the "big day" of unloading the cargo is only Friday 13th. All's well—enough for the mules.

Bordeaux, France, is a very

large city and for an inland Harbor it is one of the best.

The slums of the city were visited and found to be very much like those of LeHarve. This section, known as the Rue de Galles, merits a visit, no more, no less. The conditions: sordid, propriety prevails. Political propaganda in France says, "Keep the loose women where they belong." France, we agree with you.

In Bordeaux, July 14th, "Bastille Day," shows multitudes of people. After preparations are made for various companies, representation from French possessions, battalions, etc., to enmass for the parade, the participants decide it's hell to be tired. Content with that idea, many become uneasy and break up the parade.

The Holiday—street dances, not at all unlike the Mardi Gras in New Orleans, and everybody's "happy." Celebrations are over. Return passage across the pond is ranged. — We are in Europe. What next? I'll bite.

The International Student Union membership automatically took us to their offices, located centrally and from whom we received mail, information and the services of one of the student members. We are shown the city and escorted to the station.

At 9 p.m. aboard another caboose!! Pardon!—they call it a coach and a railroad. Bordeaux to Lyon 12 hours—and that "7th inning stretch." Aboard coach again and seven more hours of break-neck, break everything, speed, behold Lake Geneva and the beautiful city of Geneva built in the characteristic valley surrounding the Lake.

The customary examination and declaration of passports and baggage; on to the Arms Conference or somewhere to take a bath. As it is strictly against the rules of Europeans, we take said bath. No wonder! It costs 50 cents. A visit to the National Union of Students for information etc. A very American group, wonderful quarters, very near to the University:—Inn all an Okay place.

Our rooms, near to the School of Chemistry, afforded excellent views of the dormant monarchs of the air. A glimpse of Mont Blanc from the lake shore is positive beauty.

Sightseeing via American Express busses is a most effective means of visiting the outstanding building and beauty spots of that wonderful city.

Quite complimentary to its environment, Geneva and the whole of Switzerland is a very sedate

country and these conditions probably contribute to the high standards of living.

A visit to the many international conference buildings is a pleasure; the museum of History and Science, the Lake Shore, University and to the region where the Aar and Rhone rivers meet. A decided difference in the appearance of the waters reminds one of layers of distinctly different marble or stone. One river, muddy, the other clear water from mountain streams and no decided affinity of one for the other. Apparently a paradox.

While at Geneva we received whole-hearted cooperation of the Students and at the American Express we arranged our remaining trip throughout Europe.

Having received our tickets for passage, we proceeded in the general direction of Germany. We followed the lake shore to Lausanne which is located at the opposite end of Lake Geneva from Geneva. Here is a quaint and beautiful city also surrounded by the Alps.

The most beautiful combination of mountain and lake scenery I have ever seen was beheld on coming out of the railroad tunnel on the mountain side, on the north side of Lake Geneva. Nearly two thousand feet above the Lake, almost over the Castle of Chillon, described by Byron. Looking west and south one can see the City of Geneva and the Jura Mountains on the French frontier. To the south across the Lake was Mont Blanc (highest peak of the Alps). The range to the southeast across the lake, the Pennine Alps and Italy, the Matterhorn, etc.

From Lucerne to Basle via electric roads and a short visit in the German city of Switzerland.

To the University of Basle, very large and of highest rank. Many bicycles in Basle. This trip to the University, if made during the noon hour, one is busily concerned guarding his anatomy from the countless number of bicycles. This city is very interesting and is most distinct from Geneva, since the dialect and lingo is ninety per cent German. There are many English speaking people throughout Switzerland. It is truly a wonderful country.

Next Week: Through Germany

### PROGRAM

## ROLLAMO THEATRE

WED. & THURS., Sept. 26—27

**"HERE COMES THE NAVY"**  
with James Cagney, Pat O'Brien,  
Gloria Stuart, Frank McHugh  
and Dorothy Tree

ALSO  
Terrytoon Cartoon, "Sunny South"  
Willie Whopper Cartoon,  
"The Cave Man"  
Movietone News  
Prices 10 and 35 Cents  
Shows 7:15 and 9:00

FRIDAY, Sept. 28

**"LADIES SHOULD LISTEN"**  
with Cary Grant, Frances Drake  
and Edw. E. Horton

ALSO  
Charley Chase Comedy,  
"I'll Take Vanilla"  
Prices 10 and 25c  
Shows 7:15 and 9:00

SATURDAY, Sept. 29

### MATINEE and NIGHT

**"PRIVATE SCANDAL"**  
with Zasu Pitts, Phillips Holmes,  
Mary Brian, Ned Sparks and  
Lew Cody

ALSO  
Broadway Brevity,  
"Who Is That Girl?"  
Looneytune Cartoon,  
"Buddy's Circus"  
Prices: Matinee 5 and 15 cents  
Night 10 and 25 cents  
Shows: 2:00 — 7:15 — 9:00

SUN. & MON., Sept. 30—Oct. 1

### SUNDAY MATINEE

**"NOW AND FOREVER"**  
with Gary Cooper, Carole  
Lombard and Shirley  
Temple

ALSO  
Song Hit Story,  
"Travlin' The Road"  
Movietone News  
Prices Matinee 10 & 25c  
Night 10 and 35c  
Shows: 2:30-7:15 and 9:00

TUESDAY, Oct. 2

### BARGAIN NIGHT

**"THE NOTORIOUS  
SOPHIE LANG"**  
with Gertrude Michael, Paul Cav-  
anaugh, Arthur Byron, Ali-  
son Skipworth and Leon

Errol  
ALSO  
Comedy, "What's To Do"  
Prices 10 and 25c  
OR TWO FOR 10 and 35c  
Shows 7:15 and 9:00

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WHEN IN A RUSH  
AT THE CAMPUS  
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**ROLLA  
STATE  
BANK**

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FRESH MEAT  
AND  
GROCERIES  
PHONE 71

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NINTH & ELM PHONE 103

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Plant Phone 555



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## M. U. HEAD QUITS POST

**President Walter Williams Resigns to Take Over Journalism School Deanship**

Dr. Walter Williams, president of the University of Missouri for the past four years and dean of the School of Journalism, last week resigned from his position as head of the University. The Board of Curators accepted his resignation after the president had expressed his belief that a younger man should be selected for the position in view of some large problems confronting the school.

Dr. Williams is internationally known as a leader in the field of journalism and journalistic education, and in retiring as president he will once more take over his work as active head of the School of Journalism, which he founded in 1908. Early in the spring Dr. Williams became ill and following Commencement underwent a major operation from which he is still in the convalescent stage.

It was Dr. Williams who stepped into the gap left by the sudden departure of his predecessor, Dr. Stratton D. Brooks of Kansas City, in the spring of 1930. He became acting president of the university in June of that year, and assumed the full title of his office January 1, 1931, when a leave of absence granted Dr. Brooks expired.

At that time it was expected that his term of office would be comparatively brief, but his administration has been so successful that his provision made by him when he accepted the office that he be relieved when he reached the retirement age of 70 had been almost forgotten. Dr. Williams became seventy years of age on July 2, of this year.

The resignation of the veteran newspaper man and educator was accepted with reluctance by the Board of Curators and they immediately drafted a resolution expressing its appreciation of "his distinguished service to the institution" and voiced its regret at his decision to resign.

Report of the possible successor of Dr. Williams mentioned three faculty members of the university. Dr. T. W. H. Irion, professor of education; Dr. F. A. Middlebush of the School of Business Administration, and Dr. William J. Robbins, professor of botany. Dr. Robbins

has been acting president of the university on two occasions.

## COLLEGIATE DIGEST TO FEATURE NEW CONTEST

For the first time in the history of the selection of All-American Football teams, the students of the School of Mines and the other institutions in which the Collegiate Digest is distributed, will have an opportunity of voting for their favorites and selecting an All-American team of their own, according to an announcement made in the first 1934-35 issue of the Collegiate Digest, national rotogravure section for undergraduate newspapers.

A coupon, to be found on page eight of last week's issue of Collegiate Digest, has been provided for the convenience of those wishing to cast a vote for their favorite players. This coupon may be filled out and mailed or brought in to the Miner office where arrangements have been made to handle the voting.

The Miner urges that the undergraduates of the school, all of

whom are eligible to participate in the selection of the team, begin making their selections early.

Under the rules of the contest, each individual may submit one complete team as his or her choice for the Collegiate Digest all-American Football team. Then, if spectacular playing by some individual or team changes the vote's mind, he is free to submit a second choice team as candidates for the honor. Vote each week so as to be sure your candidate wins.

The only restriction in balloting has been placed in the fact that each undergraduate is allowed to select no more than one full team each week.

At the end of the contest, the closing date of which will be announced later, Collegiate Digest, representing the undergraduate bodies and newspapers of the United States, will present each member of the student's own All-American with gold medals signifi-

cant of the honor which has been bestowed upon them.

Good playing the earlier, less important games of the season is just as important as good playing in the later, more important games. In order to make a selection which will compare favorably with the team that is finally picked as the Collegiate Digest All-American for 1934, it is advisable to start watching the grid-iron feats of the different players and institutions early in the season, and to start voting for your choices without delay.

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Eye Specialist

Office over Faulkner's Drug Store—Office Hours: 8 a.m. to 4:30 p.m.—Sundays by Appointment.

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The House of a 1000 Values

ROLLA, MO.



Brisch Service Station

11th St. and Highway 66

FOR THE BEST  
5 CENT HOT DOG AND HAMBURGERS  
VISIT  
FLEMING'S PLACE  
OPPOSITE POST OFFICE ON PINE STREET

a good cigarette gives you  
a lot of pleasure

... just about every cigarette  
smoker knows that—but here are some  
other facts to keep in mind ...

For a cigarette to be milder and taste  
better it must be made of mild, ripe Turk-  
ish and home-grown tobaccos.

We wish you could go into the factories  
and see Chesterfield made. The mild ripe  
tobacco is cut in long even threads—then  
packed into the cigarette so as to make  
Chesterfield draw right and burn evenly.

A good cigarette can give you a lot of  
pleasure, and we would like for you to  
try Chesterfield.

the cigarette that's  
MILDER  
the cigarette that  
TASTES BETTER

**Chesterfield**