



27 May 1936

The Missouri Miner, May 27, 1936

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THE MISSOURI MINER

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME XXII

ROLLA, MO., WEDNESDAY, MAY 27, 1936

NUMBER 33

COMMENCEMENT WEEK OPENS THUR. WITH DINNER

Commencement Exercises Will Be Held Friday, Morning At 10 O'clock

The Commencement Week Program will be continued Thursday evening, May 28, at 6 o'clock, with the Sigma Xi Dinner at the Edwin Long Hotel. From 8:00 to 10:00 the same evening the Director's Reception to Student, Faculty, and Visitors will be held at the Director's Residence. Following the Director's Reception the Commencement Ball will be held in Jackling Gymnasium.

Commencement Exercises will start with the Procession from Norwood Hall at 9:45 A. M. Friday, May 29. At ten o'clock an address will be delivered in Parker Hall by Dr. William J. Robbins, Dean of the Graduate School, University of Missouri, Columbia, Mo. His subject will be "Means and Ends." Announcement of prizes and honors will be made by Director Charles Herman Fulton. Degrees will be conferred by Dr. Frederick A. Middlebush, President of the University. Presentation of Commissions in Officers Reserve Corps of the United States Army will be made by Colonel H. Austill, Commanding 327th Engineers, United States Army.

The committee in charge of Commencement Week is composed of C. Y. Clayton, E. A. Goodhue, O. R. Grawe, W. W. Hodge, D. F. Walsh, and J. M. Willson.

Candidates For Degrees, 1936

Bachelor of Science in Mine Engineering

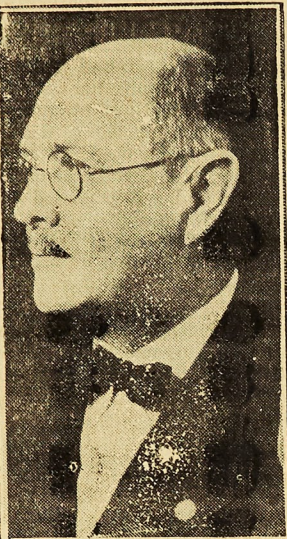
Robert Temple Chapman
William Edward Dennis
John C. Harvey
Claude M. Jenkins
Carl Theodore Millice, Jr.
Byron Evans Peebles
John Patrick Raser
Elmer Hartley Reed
W. Frank Reinmiller
Theodore Adolph Roes, Jr.
John William Ruwwe
Felix Richard Schlenvoigt
Marshall Richard Spahr
Joseph Gray Umpleby
Arthur Edward Woerheide, Jr.
Joseph Wesley Wright

Bachelor of Science in Metallurgical Engineering

Reade McCandless Beard
Milton F. Lagemann
Donald Francis McCarron
Harvey Lee Nicholson
Herman Julius Pfeifer, Jr.
Neil Plummer
Robert William Simmons

Continued on page four.

TO THE SENIORS:



DR. FULTON

It is with regret that I see the Senior Class go, but I am glad indeed that conditions in the industrial world this year are such that almost all of you have some place to go to.

Most of you have spent four years of an important and critical part of your lives at the School of Mines and you carry away with you knowledge, impressions and memories upon which no money value can be placed. Efforts have been made to place a pecuniary value on the university education. This is an impossible thing to do. What you have gained in your four years is priceless. You are not the same individual that entered the institution, but one who has gained immeasurably in outlook and a philosophy of life. Take care of your heritage and make a return to your fellowmen for the advantages and privileges which you have enjoyed.

Best wishes to all of you.

Signed: Charles H. Fulton,
Director of the School of Mines

MODERN MINING COVERED IN FILM

Bell & Zoller Coal Co. Shows Pictures To A. I. M. M. E. At Rollamo

A very interesting moving picture covering the modern mining and processing of coal was shown at the Rollamo Theatre last Wednesday at 4:30 P. M. It was sponsored by the Bell & Zoller Coal Co.

Coal was followed from its origin many years ago to its place in the coal beds now. From here the mining processes start. The coal is first underwent by an electrically driven machine, which makes about a five inch cut at the floor of the mine. Four inch holes are then bored at the top of the wall, into which blasting bomb is put. These mines use a recently devised explosive for breaking the coal loose. It is a cylinder of compressed conlian dioxide and another chemical which explodes when an electric current is sent through it. The rapid expansion of the gas pushes the coal out from the nest of the vein, but does not shatter the coal, like blasting powder does.

The coal is then automatically loaded to lobster clam device into specially constructed mine cars. These cars are taken by a railroad engine to the main shaft, where the cars are dumped two at a time by turning the cars upside down. The

Continued on page four

M. J. KELLY TO SPEAK BEFORE SIGMA XI; DEAN INITIATED

The Society of Sigma Xi have the honor of presenting to the School Thursday evening, May 28, 1936, Mr. Mervin J. Kelly, B. S., Ph. D., of the Bell Telephone Laboratory of New York City, N. Y.

Mr. Kelly, who is an alumni of the Missouri School of Mines and Metallurgy is a candidate for an honorary doctorate Commencement Day. At 7:00 o'clock, Mr. Kelly will give a lecture in the Chemistry Lecture Room on "What Price Electrons — A Problem in Industrial Research."

Judging from the title of his lecture, it should be very interesting and every student should make it a point to be present.

Reginald S. Dean, Chief Engineer Metallurgical Division, U. S. Bureau of Mines, a M. S. M. alumni was recently selected to become a member of Sigma Xi fraternity at the University of Maryland, where Mr. Dean is completing work on his doctors degree. R. S. Dean is a son of Professor Geo. R. Dean, who recently retired from the Mathematics Department staff of this school. The younger Mr. Dean received a B. S. in '15, a M. S., in '16, and a Met. E. in '22.

—M.S.M.—

IOWA U. PROFESSORS VISIT M.S.M. CAMPUS

Three Missouri School of Mines and Metallurgy has had two distinguished visitors during the past week. They were Dr. E. F. Lindquist and Dr. H. A. Green of Iowa University. Dr. Green is the director of Iowa University's Research Service which supplies placement tests designed for the measurement and guidance of freshmen. Dr. Lindquist is also director of a high school survey which has given 153,000 tests to high school students this year.

Dr. H. Green and Dr. E. Lindquist both said that the Missouri School of Mines and Metallurgy had a more comprehensive system for the measurement and guidance of freshmen than any other institution that they have come in contact with. During their stay they visited the English, Mathematics, Chemistry, Geology, and Drawing Department to study our system of placement tests. They also visited Professor Loyd and Professor Graw.

Continued on page four.

FACULTY TO GIVE ANNUAL BALL TO GRADUATING SENIORS

As part of the Commencement Week Program the M. S. M. faculty is presenting the departing seniors and their friends with the Commencement Ball. This dance will be held at the Jackling Gymnasium at 10:00 P. M., Thursday, May 28. The policy observed will be that of open-house, anyone interested in the Missouri School of Mines and the graduating class is welcome.

—M.S.M.—

WELL DIGGING AT STANDSTILL

Four Months of Drilling Has Shown No Results; Drill Stuck

of drilling, or drilling at it, the M. S. M. well is no better off than it was before the beginning of drilling operation. It seems that the earth's crust in Missouri has the Virginia drillers baffled, confused, and non-flussed, to say the least. They evidently have never had the pleasure of drilling through a similar type of formation before, judging from their apparent lack of experience in dolomite and sandstone, which is the root of all the trouble.

The contract for the well was let to the Virginia Well Drilling Machinery Co. They had four months in which to complete the drilling operations. The well was to be 1120 feet deep with the top 400 to 450 feet drilled large enough to take a 10 inch well casing and remainder of hole was to be 10 inches in diameter.

On their first attempt they were successful in getting down 305 ft. At this depth they were in one of the sandstones of the Roubidoux, which is composed of about 60 per cent fine sand. In order to drill through the Roubidoux it is necessary to keep the drill working continuously while it is in the hole due to the fact that the sand settles down quickly and packs itself around the dill, effectively jamming the dill in the bottom of the hole. The drilling crew left the drill set too long one time, during this stage of drilling operations with the result that the drill became jammed in. They then cut the cable off at the drill shank, with a special tool designed for that purpose, and lowered down a fishing tool designed to grip the shank on each up stroke and thus work the drill out of the hole. However, the drill was stuck so tight that when they attempted to remove it the cable parted at the ground leaving both the drill and the fishing tool effectively stuck in the bottom of the drill hole. After this misfortune the hole was abandoned and they moved about 12 feet south to start a new drilling. They again were successful in getting down to the same strata, this time reaching a depth of 312 feet, at this depth the drill again became stuck in the same manner as it did before and again the cable was cut off at the drill shank. This time they decided to leave the drill in the hole and try to drill a hole down along side of, and fast the drill by changing the course of the hole at this point. By drilling down alongside if the stuck drill they were able to get down another 25 feet when their drill again became stuck. This left them with two drills stuck in the same hole.

After this bad luck they have temporarily stopped drilling. It is reported that Mr. Ginn, who is in

Continued on page four

FIFTY-ONE SENIORS EMPLOYED BY LARGE CONCERNS

Best Situation In Years; Other Men Expect Positions Soon

The employment situation this year is the best it has been since 1930, with 51 of the seniors marked up as having employment and practically all the others with good prospects. Many more of them will no doubt be placed before commencement. The men are listed as having employment:

Robert T. Chapman, Utah Copper Company, Salt Lake City, Utah.
John C. Harvey, Ozark Chemical Company, Tulsa, Okla.
Claude M. Jenkins, U. S. Gypsum Company, Alabaster Mich.
Carl T. Millice, American Zinc Company, Mascot, Tenn.
Byron E. Peebles, U. S. Gypsum Company, Genoa, Ohio.
John W. Ruwwe, Phillips Petroleum Company, Bartlesville, Okla.
J. Gray Umpleby, Gypsy Oil Company, Tulsa, Okla.
Arthur E. Woerheide, Shell Petroleum Corp., Houston, Texas.
Joseph W. Wright, Shell Petroleum Corp., Tulsa, Okla.
Neil Plummer, American Zinc Company.

Robert W. Simmons, General Electrical Company, Schenectady, N. Y.

Don F. McCarron, Laclede Steel Company, Alton, Ill.

Reode M. Beard, Columbia Steel Company, San Francisco, Calif.

Herman J. Pfeifer, American Steel and Wire Company, Cleveland, Ohio.

Nyle M. Adams, Ill. State Highway Department, Dixon, Ill.

Albert Alper, with a St. Louis contractor.

Frederick W. Arnold, Jr., Illinois State Highway Department.

A. T. Aylward, Hayes Construction Company, Chicago, Ill.

Geo. H. Breuning, Inspector on PWA project on the campus of MSM.

Eugene J. Daily, Hayes Construction Company, Chicago, Ill.

Donald A. Eggleston, Saginaw Malleable Iron Div. of General Motors Corp., Saginaw, Mich.

Frank N. Haines, Missouri Highway Department.

John H. Hall, Illinois State Highway Dept., Springfield, Ill.

Elmer Kirchoff, professional baseball.

James H. Menefee, Illinois State Highway Department, Effingham, Ill.

Hilbert F. Michel, Illinois State Highway Depart., E. St. Louis, Ill.

Fred A. Schwab, Surveyor, City of Chicago.

L. Grant Tennes, doing graduate work at Louisiana State University.

Don U. Clarke, American Steel & Wire Company, Cleveland, Ohio.

Frank L. Hillmeyer, Koppers Co., Pittsburgh, Pa.

Richard H. Hoffman, San Josquin Light & Power Company, Fresno, Calif.

Lawrence W. Meyer, Fairbanks-Morse Company, Chicago, Ill.

Junior C. Turk, Eastman Kodak Company, Rochester, N. Y.

W. E. Walker, Eastman Kodak Company, Rochester, N. Y.

Albert B. Waltenspiel, U. S. Engineers, Fort Peck, Mont.

Howard E. Compton will enter business with his father.

Robert L. Fisher, Emerson Electric Company, St. Louis, Mo.

Kenneth O. Hanson, General Electric Company, Schenectady, N. Y.

Anthony V. Massaro, Emerson Electric Company, St. Louis, Mo.

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DR. FREDERICK W. CLAYTON DELIVERS BACCALAUREATE SERMON

Doctor Frederick W. Clayton, Rector of All Saints Church, Omaha, Nebraska, delivered the Baccalaureate Sermon at 11:00 a. m., last Sunday morning on "Spiritual Values in a World of Human Affairs."

"Human values charge in this world of ours," prefaced Dr. Clayton, "but spiritual values do not. Therefore I have chosen as the topic of my talk this morning, 'Spiritual Values in a World of Human Affairs.'"

"Youth," continued Dr. Clayton, "has the mistaken idea that God is sitting in heaven judging the earth, that before him is a large book in

which he records all of our misdeeds. That is not so. We are God's bookkeepers. God keeps one book, but we, and we alone, are the possessors of three others—the Book of Memory, the Book of Influence, and the Book of Character. This is the economy of God."

Psychologists tell us that whatever we do remains in either our conscious or subconscious mind subject to recall by present similar events. Thus everything we do is implanted and written down in our Book of Memory, and we cannot escape from it. God does not keep this book, only we alone keep it.

Continued on page four.

THE MISSOURI MINER



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

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"THIRTY"

With this issue The Miner completes its 22nd year as a student publication, and we, the staff, will naturally breathe a little easier when the last run on the press stops and The Miner is in the mail.

It's been a pleasure putting the paper out every week, and needless to say it's been work too. The new staff has only edited nine issues, but we hope that they have come up to the standard demanded by you.

The members of the staff wish to express their gratitude to the office, the heads of the departments, the professors, and the students who contribute articles but are not staff members, for the cooperation received throughout the school year.

We'll be back next fall with the usual election results, football palaver, pledging by the fraternities, talk of St. Pat's, and general technical news.

So, until next year we'll stop this typewriter, wish everyone a happy vacation, and sign THIRTY.

—M. S. M.—

"ALL OVER"

When the 98 men step up to the speakers dias Friday morning to receive their diplomas, the official school year of 1935-36 will come to an end.

Looking back now we can see the events a little more intelligently. The year produced its usual bubbles and its usual heartaches. After Freshman Week, with the Sophomore-Freshman struggle, the days ran by with monotonous regularity.

Politics and football ran rampant over the headlines, the heads of the various departments did their part in Freshman lectures, and St. Pat's began to form a definite shape in the students minds.

Thanksgiving and Christmas holidays ran close together, and final exams followed right on Christmas' heels. A new term, with new Profs, but always a definite outlook. Then came St. Pat's with Joe Sanders and his gang from Chicago..... everyone having a good time in spite of the large crowd.

Politics came back on its own as various organizations held elections, and suddenly here it is the last week of school.

The year looks good to us now!

—M.S.M.—

JOE SANDERS AND THE CIVILS!

There must be something about M. S. M. that orchestra leaders like! When the Civils were in Chicago they dropped in to visit Joe Sanders at the Blackhawk.

Sanders insisted on them sitting at a ringside table and he and his singer and band members joined them at intermission.

Joe told some of the boys that although they played at larger and more elaborate dances on their recent tour (among the schools were Alamba, M. I. T., Georgia, etc.) the reception he received here on this campus was the friendliest of them all, and he had a soft spot in his heart for Rolla men.

Somehow we like to believe Sanders..... that our school is the friendliest of them all.

We take St. Pat's to our heart, and we sincerely hope the features that did not attract the pleasure seekers last year will be eliminated from next years celebration.

—M.S.M.—

MASCULINE MODESTY

Or Famous Last Words
—Of Al Goddard—

Being a boy takes brains. All a girl has to do is to go around and throw out sex-appeal like a kid distributing handbills, and she gets the dates, but a boy has to use intelligence to determine if she is worth spending his (or his dad's) dough on. Gee Willikins, girls are dumber'n a stuffed duck. I'm sure glad I wasn't one. Nothing to do but powder your nose and look dumb hoping some cluck will speak to you and then acting indignant if he does. It's really a privilege to be a boy—you can go to the movie when you feel like it without having your big brother or mother tagging along, and you can stay out after the street lights are turned off without the neighborhood peeking out behind drawn shades and dragging your family's good name through the mud.

It was shortly after I got my first pair of long trousers that I had my first date. She was the belle of the school. Big long curls that hung around her neck like a domineer hen with the croup, and big brown rabbit eyes that rolled around like two eggs in an empty box. She was a sight. Helping her into the car, as if she was a fragile piece of rare China, I had to laugh to myself as I remembered how she looked the day before when I had seen her pegging rocks at the gang over on the next street. When she leaned her head on the back of the seat and murmured, "Isn't the night air just too, too, devine?" I nearly passed out. Divine, heck, it was colder than an Eskimo's nose.

Girls take the cake for ignoramuses. They spend half their time in a beauty parlor getting beautiful so the opposite sex will notice them, and then try to appear resentful if some male smiles in their direction.

What I can't understand is why some men ask these narrow-shouldered, broad-hipped, short-legged, long-necked creatures to marry them. Oh well, perhaps that is why we have leap-year. —Los Angeles Collegian.

—M.S.M.—

ST. PAT'S BOARD
FINANCIAL STATEMENT

April 30, 1935, to May 18, 1936

Receipts

Cash on Hand April 30, 1935.....	\$ 488.79
Interest on Time Deposit.....	4.50
Piano Rent.....	25.00
Old accounts collected.....	12.50
Net Profit from Freshman Dance.....	13.81
Net Profits from Homecoming Dance.....	70.34
Net Profits from Monte Carlo Dance.....	42.36
Net Profits from Raffle Dance.....	61.13
Cloak Room at Interfraternity Dance.....	5.30
Fred Smith's Pool Hall Benefits (2).....	13.10
Lions Club Tickets.....	11.12
Charity Ball.....	9.40
St. Pat's Play.....	6.90
St. Pat's 1936.....	

Sale of Tickets.....	\$1652.50
Cloak Room.....	40.00
Flowers.....	22.00
	\$1714.50
	\$2478.78

Expenditures

Time Deposit in Rolla State Bank.....	\$ 300.00
Rent of Safety Deposit Box.....	4.81
Page in 1936 Rollamo.....	20.00
Dance Checks.....	5.48
Operating Expenses.....	14.37
Keys for Members of Board.....	75.57
St. Pat's 1936.....	

Orchestra.....	\$1100.00
Decorations.....	313.10
Programs.....	76.25
Piano repair and tuning.....	12.50
Janitor.....	7.50
Lumber.....	25.63
Electrician.....	25.00
Flowers.....	37.50
Maids.....	12.00
Checkers and police.....	36.00
Advertising and Printing.....	33.19
Miscellaneous.....	21.29
Costumes.....	13.50
	\$1713.46

Taxes.....	165.25
Balance on hand May 18, 1936.....	179.84
	\$2478.78

Assets and Liabilities

Assets:	
Cash on hand.....	\$ 179.84
Time Deposit.....	600.00
Accounts Receivable.....	
J. E. Peters.....	\$ 17.50
G. O. Nations.....	5.50
W. G. Folsom.....	8.50
Kappa Sigma.....	2.50
Sigma Pi.....	2.50
	36.50
	\$811.34
Liabilities.....	None

R. W. Simmons,
Treasurer, St. Pat's Board

Accounts Audited,

H. H. ARMSBY, Student Advisor.

—M. S. M.—

HAPPY VACATION !

TECHNICAL NEWS

BY
E. L. CLARIDGE

Almost every insect accidentally imported into the United States has caused enormous damages and ravage of important crops, as the Japanese beetle, for instance. Out of these insects, none is more ferocious than the praying mantis, yet none have been as beneficial to man. The mantis lives on the insects which live on the crops, therefore, the more mantis the less destructive insects. Wise persons even put egg-masses of the mantis in their gardens, and soon have a herd of effective watchmen. May the mantis prayers be answered!

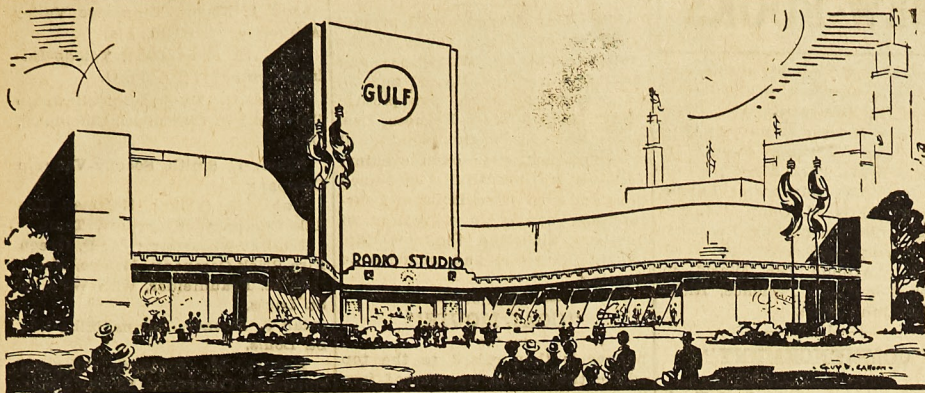
At Fort Peck on the Missouri River in Montana army engineers had a problem to solve, and they solved it. A navigation and flood-control dam was to be erected at a point where the underlying shale was covered with 150 to 160 feet of mud on the bottom of the river. The ordinary reinforced concrete dam was impractical in such a spot. They therefore decided to build an enormous earthen dam, 9000 feet wide, and 273 feet high. Construction is now in progress. A steel sheet pile cut-off wall reaches down to the bed rock shale in the center, the upstream face will be paved with stones, a strong central core of compacted material, and buttressed ends or toes will end the slope on up and downstream faces. The most unusual thing of all is that the mud of the river itself is being used to build the dam. Dredges are pumping the river bottom mixed with water along a floating pipeline to the site of the dam, where it is emptied out, the water runs off, and the earth dries. Four large diversion tunnels will carry the water flow when it becomes necessary to block off the river, and later they will be fitted with valves to control the flow of the river at all times. It is a feat worthy of any engineers.

A new ultra centrifuge, the second of its kind in the world and the first in the U. S., has been constructed by Dr. Svedberg and Dr. J. B. Nichols, former student of Prof. Svedberg and at present on the du Pont research staff. It is driven by tiny oil turbines and attains a velocity of 60,000 R. P. M., with a centrifugal force a quarter of a million times of gravity. A previous model by Dr. Svedberg attained 160,000 R. P. M. with a centrifugal force a million times gravity, but the speed could not be maintained for more than a few minutes, while the new but less powerful one can be kept at its top speed indefinitely. It is used in the study of separation of heavier molecules from lighter ones in a solution. The heavier molecules can be seen migrating, in a solution placed in a receptacle in the rotor, from their dispersed position in the solution to the outer edge. The process of migration is photographed at intervals, and from the speed of migration and the known speed of the rotor the size or mass of the molecules may be determined. In research on proteins it has been found that the compounds having homogeneous molecules, that is, all of the same size, have molecular weights which are simple multiples of 34,500. No other homogeneous proteins of intermediate weights have been found.

"Just what scientific advances will be achieved with the ultra-centrifuge in the years to come is impossible to predict accurately," Dr. Kraemer, du Pont research chemist, stated, "but we do know that the pioneer work of Svedberg, Nichols and their collaborators has provided a new tool having exciting potentialities in the field of colloid chemistry; which field includes the chemistry of giant molecules, of which such commercially important substances as cellulose, glue, resins, rubber, and starch are but a few examples."

An isotope of lithium, the lightest metal, has been prepared by the Bartol Research Institute. It is 10 percent lighter than the usual form. No immediate practical uses are known, but it is considered important by scientists in potential fields of use.

Radio Studios Started at Texas Exposition



This is an architect's sketch of the Gulf Oil radio studios, being built at the Texas Centennial Exposition, the \$25,000,000 World's

Fair opening in Dallas June 6. Here all programs from the grounds will originate for chain and local broadcasts. Glass-front studios line the

court of the U-shaped building so visitors may watch the broadcasts. The largest public address system of history also operates from here.

Former Student Takes New Job at Oklahoma City

Under the caption "Drillin' In Who's Who," Paul S. Hendrick writing in the Tulsa (Okla.) World of Sunday, May 10th, comments on H. K. Ihrig as follows: (Ihrig was a student at the School of Mines in 1928-29 and was a member of the Sigma Nu Fraternity.)

The advent of May saw Harold K. Ihrig, engineering editor of the Oil and Gas Journal here, resign and move to Oklahoma City to become engineer of the Black, Sivalis & Bryson, Inc.

Ihrig has spent most of his life in the mid-continent. He came to the state when 14 years old and after attending public schools at Beggs, studied at Oklahoma A. & M. college and then entered the Missouri School of Mines at Rolla. He graduated as a petroleum engineer.

A tour of duty as construction foreman for Phillips Petroleum Company kept him busy during the Greater Seminole development. When it reached conclusion he joined the staff of Wirt Franklin Petroleum corporation and took part in the drilling of its rich leases in the Oklahoma City area.

A keen interest in engineering

Surveying Text Books
Surveying Field Books
Etc.

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Missouri General Utilities

MINERS LOUNGE
EATS AL SMITH, Prop. EATS
AT THE CAMPUS

research brought him an invitation to join the Oil and Gas Journal staff, and then the call back to active engineering duties.

Ihrig met his wife while a student at Stillwater. They were married after he graduated from Rolla and they have a son, Charles, who hopes to be an "oil engineer some day."

"Work" appears to be the chief hobby of Ihrig, who made many friends while a resident of the oil capital.

—M.S.M.—



—M.S.M.—

ODE TO MYSELF
The youth stood at the pearly gate,
His face was worn and old;
He meekly asked of the many of fate

Admission to the fold.
"What have you done?" St. Peter asked,

"To seek admission here?"
"I ran a comic," the tired youth said,

"In college for one long year."
St. Peter pityingly shook his head
And gravely touched a bell.

"Come in, poor thing, and take a harp.
You've had your share of—er—trouble."

WHY?
Sometimes
When I'm all
Alone
And walking (for
My health)—I
Take delight in
Sign reading. And
Every time I see
The one
"Shoes Shined
Inside"
I wonder how
They
Do it.

And then there was the prof who had
had hay fever so bad that he sneezed
whenever he passed a grass
widow.

Down?
No wonder the little duckling
Wore upon his face a frown
For he had just discovered
That his first pair of pants were
"down."

Do you know the girl who wrote
"Yes" as the date of her exam?

Fashion magazines remind us
Ladies' pockets are the bunk

Civil Service Exams.

The United States Civil Service Commission has announced open competitive examinations as follows:

Tobacco inspectors, various grades, \$2,000 to \$3,200 a year, Department of Agriculture.

Procurement inspectors, aircraft, various grades, \$1,620 to \$2,600 a year, Air Corps, War Department. Full information may be obtained from the Post Office in Rolla.

So that dates and dances find us
Loaded down with all their junk

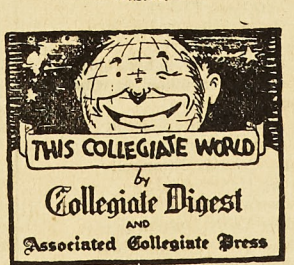
Now isn't that strange.
When he was alive he used to get
loaded on a highball.

Now that he's dead he's loaded on a bier.

Tch! Tch! Tch!

Little Izzy is a funny
And eccentric sort of wail
As bad as his sister's money
Said that he was playing safe.

**To The Seniors Who
Look Down on The Frosh**
I wish I were a little egg
Away up in a tree
A-setting in my little nest
As bad as I could be
I wish that you would come along
And stand beneath that tree
Then I would up and bust myself
And spatter me on thee.



Ben Neville, enterprising student at the University of North Carolina here recently set out to discover just what college women think of college men. He found out, too:

"College men are the most selfish and egotistical creatures on earth!" screamed the questioned co-eds. "They get drunk too much, they lack respect for girls and older people, they have no sense of responsibility for their social obligations."

Their table manners are "lousy," and they try to brag about their dates to fraternity brothers. They are rude, insincere, disrespectful, inconsiderate, impolite, discourteous.

—M.S.M.—

"The thing that gets in my hair most," declared a Syracuse University girl, "is when boys won't stand when a girl enters the room; and I could scream when my partner keeps bumping into other couples on a dance floor. I hate unnecessary profanity, and I don't like loudness in a boy, either." In short, there's nothing much that's good about the American male as he is found in college.

From the University of Indiana comes the opinion that "the most common failing of college boys occurs in fraternity houses after dates.

OZARK FOLK FESTIVAL TO BE HELD HERE JUNE 1-6

The Ozark Folk Festival to be held in Rolla, June 1 to 6 will induce many people away from their work, to bring them to a great insituate of fun and folklore. The Miners leaving at the end of the semester will surely envy their fellowmen here for the surveying or summer term.

Sam A. Leath, managing director, with the help of many assistants and co-workers is going to produce this year one of the largest folk festivals ever held in the Ozarks. From the Rolla Herald, "Dr. H. A. Buehler has consented to serve in the Festival organization as special advisor. The willingness of Dr. Buehler to serve as special advisor, says the Rev. O. V. Jackson, president of the Association, gives us a great boost. No man is better known or stands higher in the State of Missouri than Chief Buehler and his ideas will help to make the Festival an educational as well as an entertaining enterprise."

Among the business men in Rolla and other Ozark towns has arisen almost an unparalleled interest in promoting the Festival. The Festival will draw people not only from parts of Missouri but from the Midwest in general. With the coming of the summer comes the want of the people, a yearning for festivity and pleasant communion. A large number of activities have been planned to satisfy this need of fun. Two afternoons and one evening will be devoted to Folklore with dramatics, dancing, and folk music. Some of those appearing in this section are the Kirgan Novelty Trio; the Rolla Hillbilly Band (directed by Ed Brown); the Fred

Yates Square Dance Group; the Negro Folk Dramatics (directed by Mrs. Inez Parker Griggs, the colored poetess of Missouri); the Ozark Mountain Youngins; the Ozark Chairature Hour under the direction of Miss Merl Mudgett of KWK, St. Louis; the Ozark Skit under the direction of W. H. Sloat of KVOO, Tulsa, Oklahoma; and many others including banjo players, harmonica players, a water-witch, and fiddlers.

These items of entertainment will be of a high type and have been wisely selected and arranged. An educational feature or forum sessions will be held, Wednesday, Thursday, Friday, and Saturday. These sessions will consist of lectures given by some outstanding men including Floyd Shoemaker, Secretary of the State Historical Society; Dr. Charles Ranes Scoville, noted lecturer of Arkansas; Dr. H. A. Buehler, State Geologist; Judge C. A. Hensen of Springfield, and others. These lectures will be of very profitable nature and should be attended by all those interested in Ozarks and Ozark life. It is doubtful if we Miners realize how fortunate we are at having this opportunity to come in close contact with the real life going on in these hills. We come, in a large part, from the city and with our ideas of the city go to school and return to the city with never a thought of this peaceful, beautiful, natural country in which our school has so greatly been founded. Through these people coming next week we may gain a great wealth of information by attending the Festival functions. Let us be native for a week. Enjoy the Festival.

All-Star Softball Team Chosen

And now that the school year is almost completed another Miner intramural program has also been finished, except for one or two minor details in the golf team championship and the barnyard golf tournament.

In intramural golf Ed Heslet, Lambda Chi, beat Herman Pfeiffer, M. I. A. A. conference title holder, one up after eighteen holes of play. Heslet was medalist, shooting a 72 to Pfeiffer's 73.

In the team tournament two teams, the Sophomore Independents and the Pi K. A's, have survived the qualifying rounds and will battle it out for the championship.

As far as tennis is concerned the Juniors walked off again with first place honors in both the doubles and singles. John McCutchen defeated Harsell, Freshman Pi K. A., 6-1, 6-4, 6-1 to win the Tennis singles championship. This same boy then teamed up with Paul Ellis to defeat Casteel and Tiede,

There each boy openly and rudely classifies each girl. Sometimes a girl doesn't have a chance to live down a reputation after a boy has branded her."

There is still hope, however. A market does exist for the campus Romeo—providing he's remodeled. A sense of humor, ruggedness of feature rather than good looks, ability to know when he's had enough to drink, a little athletic ability, and above all consideration and politeness are components of The Ideal, co-eds agree.

Sophomore Independents, in three sets 2-6, 6-4, 6-1.

In the horseshoe tournament both singles and doubles are well under way but it is as yet not quite completed. The outcome of none of this will affect the championship which has been captured by the Sigma Nu's from the Sophomore Independents.

—O—

All-Star Team
C—Kaley, Lambda Chi
P—Holliday, Sigma Nu
Peters, Sigma Nu
Reed, Lambda Chi
Kirchoff, Faculty
1b—Bliss, Sigma Nu
2b—Livingston, Sigma Nu
3b—Decker, Sophomores
SS—Grewis, Sigma Nu
SC—Adams, Sigma Nu
LF—Wommack, Sigma Nu
CF—Ballman, Sophomores
RF—Bommer, Lambda Chi.

—M. S. M.—
PHONE 33 FOR PRINTING

Sporting Goods

Fishing Tackle
Baseball, Guns and
Ammunition
SMITH HARDWARE

CALL 163

THE FARMERS EXCHANGE

FOR POULTRY, EGGS
AND GROCERIES
—WE DELIVER—

Rates Reduced

ON LONG DISTANCE CALLS

Person-to-person and Day Station-to-station Calls
Now Reduced After 7:00 P. M. and ON SUNDAY
From Rolla to Kansas City For Example:
Station Day Rate 90c; Sunday and Night 55c
Saving 35 cents
Person Rate \$1.25; Sunday and night 90c—Saving 35c



THROUGH THE TRANSIT

By Homer Bru



The Miners and Civils have returned to our fair city, and what wild stories they have to tell. It seems that Ted Rose had a lapse of appetite when he crossed the Mason Dixon Line, because of all the beautiful southern gals. Mr. Peebles wanted to run wild but he had the thought of a loving wife waiting for him at home. That is the bad thing about being married; when you are away you can't do any playing . . . or can you? C. T. Minerals caught the devil because he didn't know every girl in the south and believe you me, if I had what he has, I would. Raser says that he left the pants to his suit in one of the hotels, but believe it if you will boys! It seems that the Civils had it over the Miners because when the Civils were out Night-Lifting the Miners were stuck in some little "Jerk Water" town with nothing but Hill-Billy girls to display their talents on.

A few of the Civils returned Friday night but most of them are still in St. Louis over the week-end trying to remember what they were supposed to be on the trip for. It seems that "Skipper" wrote the queen of the C. E. Dept. that on the next senior trip he wasn't going to reserve rooms in Chi., because the fellows never were in them at nights. I'll bet they raised the devil when they had to break away from play and visit a couple of sewers.

Speaking about Skipper leads us back to this Tuesday eve in the mayor's "jernt" where he and Coach Grant were seen displaying their mighty Braum by heaving those heavy discs called Yo Yo's. It seems that these two "Charley Atlas" couldn't be bothered with the smaller type they centered their skill on the professional type. Keeping the Bigshots together, the Skip.

"BACCALAUREATE"

The Book of Influence contains the influence that people have on you and the influence you have on them in return. In this world of ours there are two alternatives that a person has. He can live by himself or he can live with people. Since most of us must associate with other people, we must have certain types of values, of understanding, for one can not influence other people by trying to impress them. The engineer especially must understand mankind, for he has to deal directly with labor, and understanding makes for satisfied labor. The secret of success of the presidents of many companies lies in that they understand their employees. It is men of this kind—of leadership, understanding, and sympathy—that are wanted and needed in the world.

A good definition of character is that character is what we are going to be in the future, the outcome of what we are now. A prime requisite of character is decision. Decision is a characteristic of leadership, and often the successful man is simply one who has made up his mind about one or two things. It is an odd thing, but we judge everybody else by what he does, ourselves by our intentions. But since we are judged by other people only by what we do, we must cultivate the power of decision.

There are two kinds of people in the world, those who believe in God and are dominated and influenced by him and those who do not. The latter are divided into three groups—firstly, the intellectual atheist, who does not believe because he does not understand God; secondly, the Communist, who thinks that not believing in God is the easiest way to exist; and thirdly, the practical atheist, the man who believes in God but does nothing about it. He is the hardest one to deal with.

Character grows like tissue. It must come from the ragged edge out. It requires sunshine, rain,

However it seems that the "Snake" Civils didn't have enough trip because "Columbia" Wommack was seen Sunday night and Monday morning in that certain stage which so becomes him while "Lovebird" Adams was trying to "Swing it" to the tune of "How Dry I Am".

The most astounding thing was "Recreation Parlor" Folsom. He was seen in only the best company and in the best of condition—orchards to you Bud.

Saturday nite Kiser, Wommack, Evans and many others were looking for a ride down to take in the "Rat Race" at the Playground of the Ozarks. Don't know whether they were successful or not, but if they did the girls were certainly run wild.

The end of school is close at hand and by the time this last edition of the Miner is being peddled on the street most of the students will be traveling on their way. This town will then fold up and die as far as any activities are concerned, and the only life will be a few "fish" that will be here for summer session. Great will be the sorrow of the gals around these parts when some of "Gods gifts to women" leave, but never fear the school will open again next year.

That's all for this year kids . . . will see you in the near future.

"Gloomy Sunday," the melancholy song which was responsible for 19 suicides in Hungary before the authorities banned it—at least so says the publisher's press-agent—has been named as the cause of the death of an American college student.

John Granville Williams, graduate student in chemistry at the University of Michigan, is said to have hanged himself after listening to an American orchestra's recording of the song.

ing, beauty, service and suffering. For character to grow, we must have love. But we cannot make love to nothing; we must have an object on which to shower our affections—our country, a person, an enterprise, etc. Unless we have a love for something, however, we can not really live; our lives shall be starved.

The second requirement for growth is learning. We grow by learning, and there is still plenty to learn in the world, as any scientist will affirm. Any life is bound to wither and starve without this necessity.

Next comes beauty, beauty that comes out of us. It must have the human element in it. It is an outlook on life that enables us to grow in splendor, grandeur, and character.

Then comes service. Much has been said on this topic, so suffice to repeat that it is more blessed to give than receive.

The last requirement for the growth of character is suffering. We must have the capacity for sacrifice. It is only by suffering that we are enabled to appreciate the good things in life.

Now we come to the fourth book, the Book of God, the Book of Our Great Moments. In this book God records not our sins and misdeeds, but rather our great moments, the times when we come to ourselves, as seen through his eyes of love. It is as though we were in the presence of not a judge but a greater learned man who sees life, the goodness and the grandeur of it, through the eyes of love.

In conclusion Dr. Clayton reminded the audience again that God keeps his own book, but we keep three—the Book of Memory, the Book of Influence, and the Book of Character.

Preceding and following Dr. Clayton's address, the audience was entertained by delightful music which was furnished by the Rolla Orchestra and by the women of the Community Music Club.

NEW BOOKS

Several new and interesting new books have been put on the Rental shelf of the library recently. They are: "The Rubber Band", by Rex Stan; "The Thinking Reed," by Rebecca West; "Sea Mary", by O. R. Pilot; "The Odyssey of Loving Woman", by E. M. Oddil; "Hamilton and Jefferson", by Prescott; "The Living Jefferson", by J. T. Adams; "Around the World in Eleven Years", by Patience, Richard and John Abbe.

—M.S.M.—

"COMMENCEMENT"

Bachelor of Science in Civil Engineering:

Nyle Maebern Adams
Albert Alper
Frederick William Arnold, Jr.
Andrew T. Aylward
Carlton Woodrow Barrow
George Henry Breuning
Luis A. Cardosi
Jack Reed Clanton
Eugene J. Daily
Donald Austin Eggleston
Margaret Geraldine Grim
Frank Norman Haines
John Hoffman Hall
Arne Kurt Peter Hermann
Elmer Kirchoff
James Hendrix Menefee
Hilbert Frederick Michel
George Owen Nations
Robert Louis Prange
Wilford Kenneth Rodman
Frederic A. Schwab
Arthur Louis Worseck

Bachelor of Science in General Science:

L. Grant Tennes
Bachelor of Science:
Paul Dustin Houseknecht—
Major in Chemistry
H. Richard Thornton—
Major in Social Science

Bachelor of Science in Mechanical Engineering:

Robert Leslie Barber
Don U. Clarke
Frank Leslie Hillmeyer
Richard Harry Hoffman
Lawrence William Meyer
Edward Adolf Roy
Junior Adolf Roy
Junior Clay Turk
William Ernest Walker, Jr.
Albert B. Waltenspiel
Bachelor of Science in Electrical Engineering:
Willard Arthur Baker
Charles Gilbert Collins
Howard Edward Compton
Robert Lee Fisher
Anthony Vincent Massaro
Joe August Mayer
William Henry Schwalbert

Bachelor of Science in Chemical Engineering:

Herbert Theodore Bock
Herman Arthur Brisch
John Francis Campbell
Oscar Henry Fager
Edward Castle Fiss
Johns Riley Hubbard
Ralph Edward Schneider
Elmer Lewis Smith
Ralph Henry Striker
Hoyt Gillum Thompson

Bachelor of Science in Ceramic Engineering:

Paul Curtis Branstetter
Edward H. Frauenfelder
Morris Harold Grober
Alan John Hoener
Robert M. Springer
William Gail Twyman

Master of Science in Metallurgical Engineering:

Thomas Robert Graham, B. S., Missouri School of Mines. Thesis: "A Study of the Grain Size of Austenite in Plain Carbon Steels"

Master of Science in Civil Engineering:

Herman Blickensderfer, B. S., Missouri School of Mines. Thesis: "Co-ordination of Transportation Systems in the United States"

Master of Science in Chemical Engineering:—(As of the class '35)

Erwin C. Meckfessel, B. S., Missouri School of Mines. Thesis:

DANCE REVUE AT ROLLAMO THEATRE

Miss Kay Haymes will present third annual dance revue at the Rollamo Theatre, Wednesday and Thursday evenings, May 27 and 28, in conjunction with the picture "Half Angel" with Frances Dee. The stage presentation which will be given just once each evening, will feature beautifully costumed boys and girls from Rolla and surrounding towns in a variety of numbers including tap, toe tap, ballet, character, and modernistic dancing.

—M.S.M.—

"COAL MOVIE"

hopper is then raised to the top where the coal is transferred into the company's own coal cars and taken to the processing plant.

When the coal arrives at the refining plant, the entire car is dumped by a combined lift and revolving device, which tilts the car into a hopper. The coal is "sized" or divided according to size. This is followed by the distinctly new process in the coal industry—the plating process. The coal is whirled in a mixture of sand and water, in a large cone. The pure coal floats, and the impurities fall to the bottom. This is a positive separation. The coal is then washed to remove the sand, and dried to remove the water. Then the coal is separated and sorted for the final time. In loading the car for shipment, a long conveyor belt is used which can be let down to the bottom of the cars to prevent breakage of the coal.

The pictures also showed the men at work, and the safety regulations they must heed. There are complete railroad and communication systems under ground. The power plant provides enough power to supply a city of 50,000 inhabitants. A large fan must be kept going to provide fresh air for the men. The plant in every sense of the word is efficient.

—M.S.M.—

Bozeman, Mont.—Bridge players who look forward to being dealt a perfect hand have a long wait coming according to J. J. Livers, instructor in mathematics at Montana State A and M College, who has calculated that the chances are 1 in 158,753,389,900 hands.

From a standpoint of time, he estimated this would take 37,730 years of steady dealing for 24 hours a day to produce the perfect 13-trump hand. A 150-honor hand in contract bridge has a 1 to 505 chance, and a 150-honor no trump hand has odds of only 1 to 379.

For confirmed bridge players, however, Livers leaves the encouragement that perfect hand might come tonight in the first deal.

—M.S.M.—

"WELL"

charge of drilling operations, has gone down south to attend a well drillers convention, and to get some information on drilling through sandstones. We sincerely hope that he will meet with success in any future attempts he makes to produce a well for M. S. M.

—M. S. M.—

"The Bromine and Iodine Content of Certain Saline Ground Waters of Missouri"

Engineer of Mines:

Dale Irwin Hayes, B. S., 1912, Missouri School of Mines.
Theodore Owen Seiberling, B. S., 1933, Missouri School of Mines
William Walbridge Weigel, B. S., 1920; M. S., 1921, Missouri School of Mines

Civil Engineer:

Harry Franklin Bossert, B. S., 1927, Missouri School of Mines

Ceramic Engineer:

J. J. Offutt, B. S., 1932, Missouri School of Mines

Doctor of Engineering—(Honoris Causa):

Mervin J. Kelly.

"EMPLOYMENT"

Joe A. Mayer, Tennessee Valley Authority, Sheffield, Ala.

Wm. H. Schwalbert, Toledo-Edison Company, Toledo, O.

Johns R. Hubbard, Fellowship University of Cincinnati, Cincinnati, Ohio.

Elmer L. Smith, Socony-Vacuum Company.

Ralph H. Striker, Eastman Kodak Company, Kingsport, Tenn.

Paul C. Branstetter, A. P. Green Fire Brick Company, Mexico, Mo.

E. H. Fraunfelder, with WPA in St. Louis.

Alan J. Hoener, Purina Mills Co., St. Louis.

Robert M. Springer, General Chemical Company, E. St. Louis, Ill.

W. Gail Twyman, A. P. Green Fire Brick Co., Mexico, Mo.

—M. S. M.—

Martha's the name in case you are looking for one of the officers of students' organizations at Pennsylvania College for Women. Four girls named Martha won out in the recent elections of next years, campus leaders: Martha Netting, Martha Bright, Martha Jane Gerwig, and Martha Potter.

PROGRAM

ROLLAMO THEATRE

Matinee Saturday and Sunday

Matinee: 1:30 and 3:30

Night: 7:15 and 9:00

Wed. and Thur., May 27 and 28

"HALF ANGEL"

with Frances Dee, Brian Denlevy and Chas. Butterworth
Also

"Vitaphone Casino"
World News Events

AND ON OUR STAGE

Kay Haymes Dance Revue

featuring 40 of Rolla's Talented Youngsters

Admission, 10c and 36c

Friday, May 29th

"THE FIRST BABY"

with Johnny Downs, Shirley Deane and Dixie Dunbar

Also

"Molly Moo Cow and Robinson Crusoe"

Admission 10c and 25c

Saturday, May 30th

Matinee and Night

"STORMY"

with Noah Beery, Jr., Jean Rogers and Rex, King of Wild Horses

Also

"Some Class", "Clever Critters", an Chapter 10 "Tarzan"

Admission Matinee 10c and 15c

Night 10c and 25c

Sunday and Monday

May 31 and June 1

The Surprise of the Year

"MR. HOBO"

with George Arliss

Also

"Cobweb Hotel"

Latest News Events

Sunday Matinee 10c and 25c

Nights 10c and 36c

Tuesday, June 2—Bargain Nite

"DON'T GET PERSONAL"

with James Dunn, Sally Ellers and Pinky Tomlin

Also

"Pirate Party", "Going Places"

"World Within"

Admission 10c and 25c or

TWO for 10c and 36c

COMING SOON

"PRINCESS COMES ACROSS"

and

"LITTLE MISS NOBODY"

TRIMNESS COUNTS

Your Appearance Reflects Your Habits

Appearances Our Specialty

Modern Barbers and Cleaners



MINER SPORTS



COMPTON SAYS:--

The awarding of Verbal Honors to the Senior Athletes

As usual, with the last issue of the year, we add our little words of praise for the graduating athletes—those men who have found time to play on the various teams as well as keeping up with their classes.

Playing football or basketball in some university while majoring in Physical Education or subjects of that kind is quite different from participating in sports in a Engineering school. Most of the boys can verify that.

Summing everything up, there is no especial distinction for playing football here at M. S. M. It means nothing to the student body, the same to the faculty, and office is only slightly interested in it. Outside of a few men on the campus, a football game is something happening that disrupts their Saturday afternoon.

A few of the faculty have been faithful and have been interested in something that concerns their school, and these added to about half of what we sometimes call red-blooded youth of America, fill the stands during the contests.

We repeat, there is no distinction in being an athlete. Only the satisfaction of playing the game, a phase often laughed at by fans and press alike.

However getting down to the Seniors who have played their final intercollegiate contest, we naturally run into the co-captain's of the football team, Neil Plummer and Fred Schwab.

Both of these men have the distinction of earning four letters at M. S. M., both of them playing in the backfield, and both men apparently reaching their peak in their Junior year.

Plummer was called the hardest hitting back in the state by Dick Thornton, a man who is qualified to know.

Schwab also had a state wide reputation for his blocking and defensive work.

Now comes that popular ace, Jim McGregor, probably the best known and more widely publicized player than any in the state. Jim also earned four letters in football as well as in basketball and track.

His shifty running during his Sophomore year is still talked about as is his ability as a basketball player. Then Jim is also quite a

track star, at present holding the M. I. A. A. indoor record in the broad jump.

Gus Cardosi, the popular "money-man," also came thru with the needed strength at crucial times, his weight and experience helping at the guard position.

Andy Aylward, the husky athlete who slipped one over on this writer last Spring and still had a year to go, is awarded a green bubble for his active participation during his college year.

A grand fellow and a real athlete we cannot help mentioning Herman Pfeiffer next. Pfeiffer not only "made" our basketball team but turned around and played a bang-up game of football. Nice going Herm.

Looking down the basketball list we find that McGregor and Pfeiffer are two of the three seniors. The other one is Robert Prange, giant center, who deserves all the credit in the world for his playing the past three seasons.

If hard work can get a man anywhere in the Engineering World as in sports, Prange is set for a long journey.

We may be wrong but there is only one track man we can find who is finished in the sport world. That is Jack Hall, the midget miler who was laid up this spring after a long illness.

To all these men, in football, track, and basketball we award the traditional green bubble—may you wear it in honor as one of the many athletes and men the School of Mines has graduated. We wish you all the luck in the world when you start to work!

Although he is not a senior, we can't help commenting on Capt. "Red" Brown of the track team. "Red" proved the mainstay of the cinder squad this year, when others failed. Brown won every two mile race, during the season but one. He won the majority of the mile runs. And he usually won because of nerve and fighting spirit that can't be beat.

In most of his races Red proved that "a man that won't be beat, can't be beat." We're giving you a bubble Red, for your spirit.

In conclusion we would like to congratulate Coach Brown on his success with the intramural program this year. He's worked hard in putting over a program that's hard to run.

We thank Brownie and Coach Grant for the consideration they have given us the past year in

An Evening With The Coke Sniffers At A Jelly Joint

Editors Note—We couldn't help clipping this from THE STUDENT of the Warrensburg Teachers College. We hope you like it.

Cokes on the right . . . cokes on the left . . . straws to face, and away into syrup dreams, mid giggles and guzzles, goes a coke-sipping college.

Where to gulp is not so much of a question unless you're one of those well-knowns that grab the weaker sex unawares and flit hither, thither and yon via the 10 cent way, and from there you generally satisfy your intermost syrup-weaknesses at good ole Riggles, where hundreds of other Alma Mater loyalties fight for the benches and a look at the blond in the front booth. Everyone throws one hilarious party on five-cent squirts of that life-saving refreshments while waiting for the boys up in the gym to start the rhythm for the last half.

The boys walk into Riggles as if they own the place . . . dragging their feet and bouncing the weaker half in a gay manner. After the customers drape themselves into one of the booths they content their little souls over a package of cigarettes, a couple of sniffs, and a half a pound of ice-sipping and flipping the merry evening away.

After spending at least five minutes kidding one of the pretty waitresses and then finally giving her your order and while waiting for the guy at the fountain to find the right button to punch . . . You might bob up and down and find out who's thar in the next booth, or throw water; still better yet you might sing if you can get your voice above the sound that comes when a person can't realize that he merely is sucking air and there really isn't anything left but ice.

When the taste tempters are thrown in front of you, grab the straws and shoot the paper covering into space and then wait for the smiling little doll to do the same thing . . . end this all with congratulations from both sides and then tear madly into the first drink of your sugar water.

Tell a good joke without a point and then begin to go through your pockets for a match, and then repeat the same process for a cigarette . . . after you are all fagged up, settle back and decide that you are hungry . . . and a hamburger would be just the thing for such a condition. Signal the pretty waitress and tell her all about the procedure of toasting the bun and meat well done and then turn and find out if the sweet little thing would like the same . . . So make it two. Ah me, it's a great gait if you don't stumble.

To be sure this coke sniffing problem ranks mighty high in the labor codes of the U. S.—just think what would happen to all these soda-squirts if it wasn't for the

handling out news for our reporters, and wish them a happy vacation.

We thank the readers of the sport pages for bearing with us the past year. We have tried to improve them in as many ways as possible, and you readers have been with us constantly.

To all of you we award a silver bubble and a especial wish that you have a good time during the summer.

Will be back next fall with football, and till then here's . . . THIRTY

Red Cross Trains For Life Guards

In a drive to safeguard the lives at America's beaches and pools this summer, the First Aid and Life Saving service of the American Red Cross will conduct National Aquatic Schools in ten states during June and July, according to Walter O. Wade, chairman of county Red Cross Life Saving. Of the nation's seasonal crop of 30,000,000 swimmers, past experience indicates nearly 8,000 will meet death by drowning unless practical preventive measures are adopted, Chairman Wade said.

"Drowning usually results from

carelessness and lack of swimming and small-craft experience", Mr. Wade pointed out. "However, even the inexperienced swimmer in difficulty can be saved if nearby bathers have been trained in water-rescue technique and familiar with resuscitation methods."

This year will make the fifteenth successive season in which National Aquatic Schools have been conducted. Swimming instructors, pool and beach supervisors, boat and canoe teachers, camp counselors, life guards, and first aid instructors will receive leadership training in water-safety and rescue, which will be passed on to thousands of others.

Aquatic schools will be directed by members of the First Aid and Life Saving service. The staff at these schools will be selected from outstanding leaders in aquatics in the middle west.

Only swimmers at least 18 years of age are eligible for enrollment, and the aquatic school program will qualify a first-year student as a life guard, swimming supervisor, camp swimming counselor, assistant swimming instructor, or volunteer instructor. Advanced courses are offered those who have had previous instruction experience, and are usually taken by Red Cross chapter swimming and aquatic-safety program leaders and by beach and camp aquatic directors.

Three of this year's eleven schools will attract midwesterners. Their locations and dates follow: Culver Military Academy, Culver, Indiana, June 11-12; Camp Oak Point, Stillwater, Minnesota, June 15-24; Lake Lucerne.

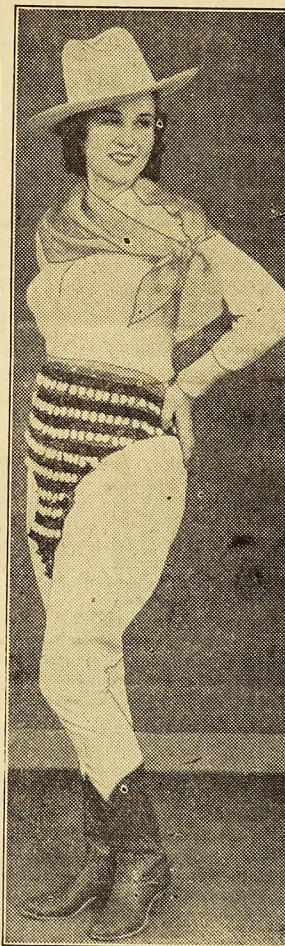
—M. S. M.—
Advertise in The Miner
—M.S.M.—

JIM PIRTLE
Watchmaker and Jeweler
Fine Repair Work a Specialty
39 Years Experience
29 Years in Rolla
—M.S.M.—

Rolla State Bank

DRINK DR. PEPPER
at 10-2-4
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Ranger Trophy



This Apache war dance loin cloth, displayed by Rangerette Mabel Rooks, will be part of the historical collection in the Texas Rangers' Headquarters at the Texas Centennial Exposition, \$25,000,000 World's Fair opening in Dallas June 6. The cloth was taken from an Apache war party by Rangers in 1860.

cokesing of the coke sniffers. Every good story should end with a moral . . . and the moral is . . . "Most men smoke . . . but Fu Men Chu". Ho hum . . . I'll take lemon.

ANNOUNCEMENT

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"VOGUE" QUESTIONNAIRE REVEALS COLLEGE GIRLS' PREFERENCES

With summer vacation days just around the corner and all of us returning to cities and towns where the female population will make up a large percentage of our friends, it might be advisable for us to know just what the opposite sex thinks of us and how they wish to be treated.

The following article was condensed from "Vogue" and printed in the "Student". We take liberty to reprint for the benefit of our "Miners" who may be a little rusty about the subject:

Much free speech has been issued on the subject of college girls by college men; so it seems only fair to let the worm turn.

Four hundred worms (admittedly and unpleasant simile for such a charming phenomenon as the college girl) have herewith turned very audibly. At times, even, their protests have risen to an outraged shriek.

We confess to have spurred them on with malicious intent. We asked them what they thought of the college man's general appearance, his behavior, his philosophy of life, his attitude towards spending money on them, his passions and aversions, demands and assets.

Clothes-Minded

Being clothes-minded, let's begin with externals and quote these lasses on the subject of college attire.

"As long as his handkerchief and his tie do not war, a college man thinks he is beautifully attired for anything.

"We like them for their personalities and not for what they wear (we have to.)

"College men aren't dressed; they are thrown together.

"I got all dressed up in my best formal dress, and then he came along in his little grey suit.

"I insist on a coat for every date; but I have to insist.

"A good manicure doesn't make a man a sissy.

"We wish men would pluck their

eyebrows.

"Full dress is thrilling. (This sentiment echoes from coast to coast.)

"Tails do things for any man.

"Any college girl would rather have one date with a man wearing tails than ten with men in anything else.

Sadder Story

The farther west one goes, the sadder story. This is from the University of Michigan.

"When we pour ourselves into long velvets for dancing, we'd like him to wear tails, but if he did, the other boys would ship him out on a rail.

And these from California:

"For early movie on Sunday night, the boys usually dress up a little, wearing coats over their sweaters or shirts and ties. And, for evening a tie should be a necessity, even though most men feel that they look more like Johnny Weissmuller without one.

"Smooth" is a word that still figures in the college girl's vocab-

ulary and smooth men are those the girls like.

Pet Peeves, reiterated again and again, are these:

White shoes (usually dyed in winter). These are mentioned some seventy-odd times and the men comment only that "they are comfortable."

Drooping Socks

White socks; drooping socks (we almost gather that garters are unknown to college men west of the Mississippi); greasy hair tonic conducive to that patent-leather effect; too short trousers; "cords" (cord-roy pants to you).

"Tails— tails— tails—; white shirts; camel's hair coats; casual sports clothes; tweeds with an English air, (the sort that go well with pipes).

"Though men don't admire 'futuristic hats,' girls at least give some thought to finding becoming ones. Do men? As to red nail polish—do you really think men mind it more than girls mind dirty finger nails?

Taking all four-hundred odd answers, untidiness seems to be the chief complaint.

God's Gift To The Women

Coming to his behavior, conceit is the universal grievance. One out of every ten girls says that men think themselves as God's gift to the women. "Here I am, you lucky girl," is the typical attitude.

"If it weren't for their difference in size and shape, all men would look alike." One girl analyzing the college man, describes his interests in the following lists:

1. Himself; 2. himself; 3. himself; 4. athletics; 5. football; 6. making merry; 7. himself; 8. himself. (In discussing football he usually recalls how once while playing on the high school team, on which of course, he was the main cog,

he made ninety-nine yard run in the last few seconds of the game, when the score was tied.)

Here are a few of their likes and dislikes:

"We hate men who precede an invitation with 'What are you doing tonight?' (This in one form or another, was from a dozen colleges.)

Hate Men Who Sing

"I hate men who sing in your ear while you are dancing.

"I like men who like my hats.

"The ideal man is one who is fun anywhere.

"We like men who conceal the fact.

"We hate lines! (from north, south, east and west.)

"I like a man to make me feel like a queen.

"Parlor sitters can be tolerated on week nights, but spare me a Saturday night parlor sitter.

"The ideal man has a serious soul and a comic veneer.

"Even though we can see the admiration in your eyes, we like compliments.

"Every college girl knows that a man of her age is about three years less mature than she is, and though she is seldom so dull as to toss this bomb into a discussion, she remembers it.

"All college girls love a good dancer and wish that college men sent presents." A wistful plea for flowers echoed through all the answers.

No Philosophy

There was one unanimous opinion as to his philosophy of life. He hasn't any.

His attitude toward spending money brings more dissension.

"Lots of college men are gold-diggers—(this repeatedly).

"They do as well as they can—college men haven't much money.

"Jellying (a current phase whose origin we have been unable to uncover) consists of smoking, coking, and talking, and is the main form of dates in Missouri. (Jelly dates were discussed by girls from other colleges, too, and we gather that Coca-Cola is the national college drink.)

"Any girl would rather sit in the park than dine Dutch treat at the Ritz.

"Any man who lets a girl pay more than ten percent of the time deserves to lose her.

"The amount of money spent is not so important as the kind of a time you have on it.

"Men spend enough, considering their allowances.

"Parlor-sitters are men who don't want to spend money on you.

"A college man who takes a girl out to lunch is so rare as to be practically extinct.

Taxi?

"A co-ed is trained to expect a taxi only in a forty-mile blizzard or when she has a compound fracture of the knee.

"We know that all college men are broke at one time or another.

"Men are shocked at the Dutch treat idea, but manage to over-look it.

"We have to live on allowances, too.

"Men like to think they're Santa Claus.

And finally here's the way the answers conclude:

"He's awful, what would we do without him?

"We can use him.

"We wouldn't marry anyone but a college man unless there was a law against it."

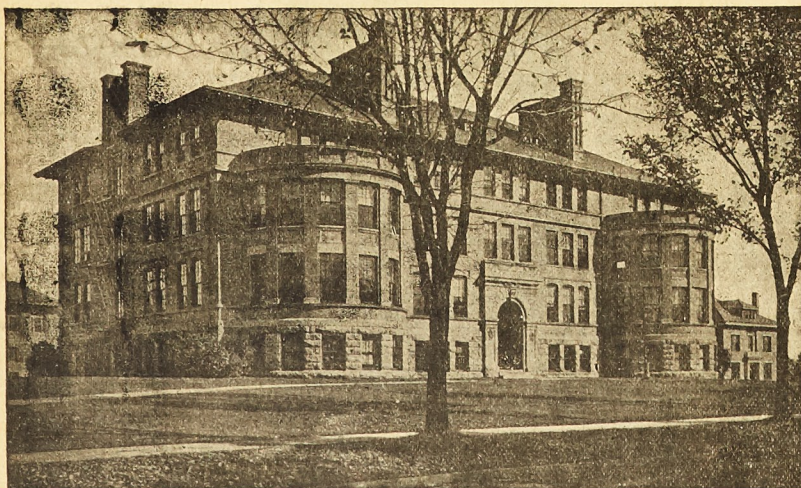
—M.S.M.—

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