



02 Oct 1946

The Missouri Miner, October 02, 1946

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AAF Seeking Atomic Propulsion For Their Aircraft

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The Fairchild Engine and Airane Corporation of New York, ew York, has been awarded the rimary contract for administering e project, and is working in oest collaboration with many ther aircraft engine companies, e Manhattan Engineering Distict, and the AAF in seeking a orkable method of applying omic power to AAF needs.

'This is only one of many probms being studied in following e AAF policy of leaving no one turned in seeking basic ientific knowledge to produce e best weapons possible for the efense of this country," explaind Major General Curtis E. Lay, Deputy Chief of Air Staff or Research and Development ho is directing the project.

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Disabled American Veterans Auto Tag Deal

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ONE 972

EDITORIAL PAGE

"Implications Of The 'G I Bill'"

Something Lacking Friday Night"

VOLUME 33

D. C. Jackling To Attend School's 75th Anniversary Celebration

Days Request Of Board 'Mandatory'; Plan Still Tentative

D. C. Jackling, the School of Mines' most famous alumnus and one of the world's greatest industrialists, "may" attend the annual MSM Homecoming and 75th Anniversary celebration here on Friday, Oct. 9, it was announced today by Dean Curtis L. Wilson.

Wilson revealed that both he and Sen. Allen Mc Reynolds, President of the Board of Curators had been in contact with the wealthy industrialist and engineer concerning his coming to the anniversary and homecoming, and Wilson said this morning that he believed he would be in Rolla at that time.

Jackling, a Utah copper magnate whose wealth is estimated at millions of dollars, has rarely visited the campus during the past few years. He makes his home in San Francisco, California.

In his letter to McReynolds, Jackling said "I recognize both the validity and the sincerity of our appraisal of the occasion. This being so, I would consider the Board's invitation nothing short of mandatory."

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THE MISSOURI MINER

Missouri School of Mines & Metallurgy

ROLLA, MO., WEDNESDAY, OCTOBER 2, 1946

SPORTS PAGE-Page 4

Central College vs. Mo. Miners

NUMBER 2

History Of School To Be Ready For 75th Anniversary

By James J. Jelinek

A history of the Missouri School of Mines commemorating the Seventy-Fifth Anniversary of the school will be released on October 25, 1946, according to Dean Curtis L. Wilson and Dr. W. T. Schrenk, chairman of the anniversary committee.

The history, prepared by a committee including Professors M. H. Cagg, F. E. Dennie, O. A. Henning, S. H. Lloyd, and written by Mr. C. N. Roberts, chairman, will be distributed to high schools, colleges, public libraries, legislators, congressmen, and chief state officers of Missouri, as well as students and alumni. According to Professor H. R. Hanley, Chairman of the Printing Committee, it is estimated that approximately 5000 copies will be printed.

Including a survey of the history of the school since its early beginnings, but with special emphasis upon the period since 1920, the history explains the progress of the school in becoming one of the leading technological institutions in the country and relates the school's progress to the service it has rendered the State of Missouri. Of particular interest is the survey made of the internal growth and development of the institution in regard to student enrollment, curricular developments, alumni contributions, student activities, faculty accomplishments, and administrative successes. A special effort is made to show that the widespread reputation of the Missouri School of Mines has been dependent upon the significant events of its successful past.

In his summary of the book, Mr. C. N. Roberts writes, "The seventy-five years of progress is the story of the evolution of the modern School of Mines with its present campus, modern plant facilities, and an eminent faculty from the small one-building institution with a faculty of three members and a limited enrollment of twenty-eight. It is a record of increasing service, of a broadening curriculum, and of development of modern standards of scholarship and research."

"For about a quarter of a century growth was limited and the school experienced many hardships, but after these early difficulties, the institution began a remarkable period of development that made it one of the greatest schools of mines and metallurgy in the entire country. The institution today stands as a symbol of the unselfish devotion, vision, and intellectual foresight, of those who have so courageously served it in the past."

"The History of Missouri School of Mines and Metallurgy has formed a significant phase in the development of the state. Its problems, crises, growth, and expansion have played an integral part in the historical progress of the great commonwealth. As this institution prepares for a greater and nobler future, it is enriched by a past record of achievement, success, and attainment that will be outstanding as a source of inspiration and as a guiding tradition for ages to come."

"Under the leadership of President Frederick A. Middlebush and the direct supervision of Dean Curtis L. Wilson, the School of Mines is rendering and will continue to render a service that will eclipse the noble achievements."

Extra curricular activities in the music field began Tuesday evening, October 1, with the first meeting of the M.S.M. ROTC Band. This meeting, which was held at 7:30 p.m. in Pader Hall auditorium, was held primarily for the purpose of organization and to obtain suitable instrumentation. Some positions were unfilled at this first meeting and remain open for more students to fill.

Band Members to Have Salary

In view of the fact that everyone, including veterans, will be paid a salary (\$50 per year) for playing, there should be a large number interested in this activity. In previous years the maximum size of the band has been thirty-five members. If enough attend, this figure will possibly be enlarged, although the number of instruments available will limit the size to some extent.

Practice will be held on every Tuesday evening from 7:30 until 8:30, as it has been in former years, unless otherwise decided by the members. The band will play at all the home football games and other occasions of importance at the school.

Concerts to be Given

Director, John W. Scott states that immediately after the game engagements, practice will start for a concert to be given sometime in December before Christmas. Mr. Scott's intentions are to give two or three "pop" concerts during the fall and spring semesters.

The band has been an outstanding and popular organization at See M. S. M. Band Page 3

Sleepy Miners Wear Pajamas To Cafe Instead Of Usual Clothing

A bunch of the veteran boys who live in the temporary dorms have adapted the motto of why be conventional, and so when four of them got the urge for a cup of coffee Saturday night—they went for a cup of coffee just as they were—in pajamas. Why wear the conventional clothes, they said.

At about 1:15 A.M. they strolled into one of Rolla's leading cafes in their assorted brightly colored pajamas. Nonchalantly they strolled through the crowd of amazed spectators to the table of their choice where they, half asleep, ordered their coffee.

The gay whispers spread about the cafe immediately—"they're tight"—"they're pledges of some fraternity." But no, they just wanted a cup of coffee and who were they to take time to dress. They got their coffee along with a lot of amazed and surprised looks.

The Rolla police, who were in the cafe, hurried to the table where the boys were seated. The baffled police hesitated a few steps from the table and then calmly turned away murmuring that the studies must be too hard on them.

Students Of Civil Dept. Invited To Attend Conclave Of ASCE At K. C.

The local chapter of A.S.C.E. on the campus is one of 46 chapters at universities and colleges between the Canadian border and the Mexican that has been invited to participate in the conference. The conference is to be held in Kansas City on October 14-15.

Some 600 experts on sanitary engineering, highways, air transport, waterways, city planning and surveying and mapping will gather in Kansas City, Missouri, October 16-19 to discuss the Missouri Valley Basin Project and other civil engineering subjects at the Fall Meeting of the country's oldest national engineering organization, the American Society of Civil Engineers.

Eight technical sessions and an excursion of engineering and historical interest are scheduled in addition to social functions which include a luncheon and dinner the opening day and special entertainment for wives of members.

Members of the 93-year-old Society are expected from all parts of the country, representing the Society's 65 Local Sections. A Local Sections Conference on October 14-15 will precede the general sessions, with official representatives in attendance from 26 Sections.

The M.S.M. student chapter of A.S.C.E. has the distinction of being one of the oldest and most active of the professional engineering chapters on the campus. The purpose of this student organization is to supplement classroom instruction by obtaining outstanding men in the Civil Engineering profession as guest speakers at the organizational meetings.

Meetings are open to all students enrolled in Civil Engineering, and all others who might be interested are invited to attend. Watch the school bulletin for announcements concerning future meetings.

Photo Club Offers Campus Shutter Bugs Opportunity

"Are you suffering from frustrated focus? Is your shutter finger itching for action? Do you ache for a break to get into the darkroom? Ah, then the only remedy is to join the Photo Club. Next Friday will be your opportunity to solve all your troubles," asks prexy Liddell.

The first meeting of the Photography Club will be held October 4th. The bulletin board will announce the time and place. This will be the first meeting of the fall semester.

President Walter Liddell has plans for this fall that should interest all camera fans. Everyone who is interested in photography is invited to attend. The club has its own darkroom, enlarger, and necessary equipment for developing pictures.

Acad. Of Science Invites New Men

Are you interested in science or engineering? Of course you are or you wouldn't be going to the Missouri School of Mines. So why not drop by the meeting of the Missouri Academy of Science to be held in room 204 Norwood Hall this Wednesday evening at 7:15 P. M. An excellent program has been planned, with the main topic of discussion being "the prospect for Engineers in the Business World". The topic will be presented by Mr. George W. Farrar, head of the Veterans Guidance Center. Refreshments will be served.

The Missouri Academy of Science is a state wide organization of which our chapter is a member in the College Section class. Every year, the clubs in the College Section hold a state wide meeting in order to provide a medium of exchange for the science students of various schools. This year's meeting will be held on November first and second here in Rolla at the Missouri School of Mines.

Membership in the academy is open to everyone who is interested in the latest experiments and findings in the world of science and engineering.

"Father of ten shot . . . mistaken for rabbit," reads headline in Arkansas Bugle.

Electricals To Meet Tonight In Auditorium To Discuss AIEE

The American Institute of Electrical Engineers, MSM Student Branch, will hold its first meeting of this season next Wednesday night in Parker Hall Auditorium. This meeting will feature a general introduction of the EE Department Staff to the Students who have expressed an interest in Electrical Engineering. The introduction will consist of a review of the professional background of each member of the Staff, as well as a brief outline of their individual work here as concerns the Student. There will also be an inspection tour of the EE labs and a demonstration of Induction Heating.

The object of this meeting is to acquaint the vast number of new students with the personnel of their chosen department, and to demonstrate the equipment with which they will work. New and old Students alike, however, will be given the opportunity to affiliate with the National AIEE organization and the MSM Student Branch at this meeting. It is open to all Students who are registered in the EE Department.

Faculty Is Largest In School's 75 Year History

A total of 107 faculty members—by far the largest staff in history—were on the list of the complete MSM staff announced today by Dean Curtis L. Wilson.

The new and greatly enlarged staff is necessary to handle the gigantic enrollment at the school, Wilson said. Many of the new members were hired during the summer, and are just now arriving in Rolla to assume their new duties.

Included on the list are two Rolla men. H. A. (Hugh) Crumpler, son of Mr. and Mrs. H. D. Crumpler here, and former war correspondent for the United Press, has been hired as an instructor in English at MSM and will assume his new duties as of today. Also on the list is E. K. Scruman, former well-known Rolla businessman, who has been added to the staff as an instructor in mathematics.

Many of the others on the list are former students of the school—since graduated—who have come back to their alma mater to teach. The entire faculty list includes:

COMPLETE FACULTY
Curtis L. Wilson, Dean of the Faculty.
Rex Z. Williams, Assistant Dean.
Noel Hubbard, Registrar.

PROFESSORS
J. D. Forrester — Professor of Mining Engineering.
A. W. Schlechten — Professor of Metallurgical Engineering.
J. B. Butler — Professor of Civil Engineering.
A. J. Miles — Professor of Mechanical Engineering.
F. H. Frame — Professor of Electrical Engineering.
W. T. Schrenk — Professor of Chemical Engineering.
Paul G. Herold — Professor of Ceramic Engineering.
H. R. Hanley — Professor Emeritus of Metallurgical Engineering.
J. W. Barley — Professor Emeritus of English.
E. W. Carlton — Professor of Structural Engineering.
C. Y. Clavton — Professor of Metallurgical Engineering.
O. R. Grawe — Professor of Geology.
O. A. Henning — Professor of Modern Languages.
K. K. Kershner — Professor of Chemistry.
S. H. Lloyd — Professor of Economics.
I. H. Lovett — Professor of Electrical Engineering.
G. A. Mullenburg — Professor of Geology.
R. M. Rankin — Professor of Mathematics.
E. C. Richardson — Professor of Military Science and Tactics.
L. E. Woodman — Professor of Physics.

ASSOCIATE PROFESSORS
G. C. Boyer — Associate Professor of Mechanical Engineering.
F. B. Beatty — Associate Professor of Electrical Engineering.
C. H. Black — Associate Professor of Engineering Drawing and Descriptive Geometry.
F. H. Conrad — Associate Professor of Chemical Engineering.
See Faculty Page 4

The splendid cooperation of the veterans during registration has made it possible for the Guidance Center office to assemble and send to St. Louis at least 95 per cent of the papers of veterans who were in school or who surrendered their Certificate of Entitlement during registration time. This will be the second step in the procedure.

A "Claim Number" or "C" number is issued each veteran who has a Certificate of Entitlement. The "C" number will be used in all correspondence and records in which the veteran has any dealings, either at the Veterans Office, Business Office, or the Registrar's Office. This number should be memorized, as it is the identification number for the ex-serviceman. If veterans are unable to memorize this number, they are advised to write it down on some card such as their draft card, that they carry, so that they will have it available whenever it is needed. If each veteran would do this, it would save much time for people in all offices where they have dealings.

The Seebring (Ala.) News tells how the dean of women at a large co-educational college severely criticized the moral laxity of the students, announcing to the student body on Wednesday that "The President and I have decided to stop necking on the campus."

Student Who Made Honor Roll Now Recovering From Nervous Breakdown

John Waring, who was given the Phi Kappa Phi award for a scholastic average over 2.00 last spring is now recuperating from a nervous breakdown. His nervous condition got the best of him last August and he was forced to give up school for the time being.

In order to pass the time until he is able to again enter school, John has become an insurance agent. He has established his agency in Rolla with phone numbers 746 and 630-J.

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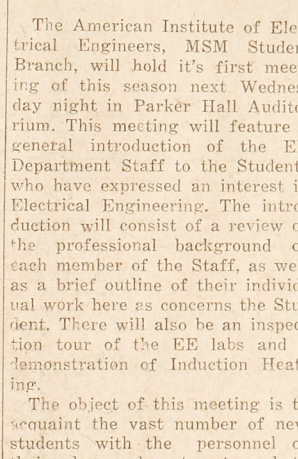
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After spending a winter selling insurance, John reports his condition will be such that he will again be able to enter M.S.M. He has secret ambitions of again making the Honor Roll and winning the Phi Kappa Phi Book Plate award.

SO TRUE

Said a friend to a teacher, "I'm so glad that you are planning to continue your education at the University this summer. Are you working for your M.S. degree?" Replied the teacher, "Yes, officially for an M.S. and unofficially for an M-R-S."

Miners Defeat Central College 12-6 At Fayette



In a nip and tuck game at Columbus, Ohio, the University of Missouri and Ohio State battled to a 13 to 13 tie. Here Ohio State's Perini (38) gains 31 yards from Missouri's 40-yd-line to set up the play for Ohio's first touchdown in the second quarter. (NEA Telephoto)

Fullopp, Hoehn, Berry Are Stars As Miners Score 1st Victory

By Gene Tyrer, Daily News MSM Correspondent

The Missouri Miners won their first contest of the 1946 football campaign when they defeated Central College, 12-6, on Friday night. The game was played in Fayette, Missouri, on an excellent playing field before a crowd estimated at 2800 fans.

Snapping the lethargy that had reached six consecutive defeats, including last season's record of 5 losses in as many engagements and this year's defeat at the hands of St. Louis University, the Engineers were in command of the game from the opening whistle.

In the fourth quarter did the team bog down. It was then that Central scored its lone touchdown. The entire squad played an excellent game and Paul Fullopp, Earl Hoehn, and Jerry Berry were standouts on offense as well as defense.

Taking the opening kickoff on the 37 yard line, the Miners began a 63-yard march that was climaxed when Jerry Berry plunged

Continued on Page 3

Fencing Classes Now Offered By Vet. Instructors

A general meeting of all fencing fanatics was held yesterday, Tuesday, Nov. 4, Pres. Jack Perry announced today. Election of officers was held at that time.

A preliminary session of all interested was staged last Thursday afternoon with approximately 15 students present and the beginners of this manly form of self-defense really seem to go for it with enthusiasm.

Beginners Fencing Classes

Classes are to be held twice a week in small groups for students, male and female or wives and husbands of students, with individual instruction assured.

H. O. Banks and Jim Hall, club officers and instructors, have had plenty of experience with the foils. There's a good chance for all ex-greenies swabbies and dogfaces to brush up on your bayonet drill and get plenty of exercise.

Campus Veterans To Hold First Meeting Thurs.

All veterans on the campus of the School of Mines are cordially urged to attend the initial meeting of the Campus Veterans Association this semester. Jim Stephens, Vets Commander, has worked up a program that promises to be highly entertaining.

Three Speakers Scheduled

Curtis Wilson, Dean of the School of Mines; J. Neen White, President of the Rolla Chamber of Commerce; and Mr. Farrar, head of the Veterans office at the School of Mines are the scheduled speakers. In addition to this, plans will be made to determine future projects for the CVA. Now that the housing situation has nearly been solved, the organization is now prepared to act on new problems now facing veterans on the campus. Major difficulties can be straightened out providing a unified effort is made by a majority of men.

Meeting Thursday Night

The Campus Vets added a number of members to its organization on registration day from the large numbers of new veteran students. It is desired that as many of these men as possible attend the meetings and take an active part in the activities of the CVA. New ideas and new approaches to old problems are in demand. The meeting is scheduled for October 3, Thursday night, 7:30 P.M. at Parker Hall. Come along and bring a friend.

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Vet's Office Warns Students To Complete Registration

All veterans who have not completed their registration forms should take care of this immediately because records are not being sent to the St. Louis office to put a veteran on the pay roll until all records are completed. All forms for each individual must be sent at one time.

In order for a veteran to secure subsistence as a married man it is necessary that he submit a certified copy of his marriage record, along with a copy of the form headed, "Declaration of Martial Status." A certified marriage record is secured from the county where the marriage license was secured. The Veterans Administration will not accept a photostatic copy of a marriage certificate such as provided by the minister.

Veterans who were admitted without a Certificate of Eligibility should, upon receipt of the Certificate, take it immediately to the Registrar's Office.

Procedure for dropping or changing courses will be initiated in the Registrar's Office. The approval at the Veterans Office will be the second step in the procedure.

A "Claim Number" or "C" number is issued each veteran who has a Certificate of Entitlement. The "C" number will be used in all correspondence and records in which the veteran has any dealings, either at the Veterans Office, Business Office, or the Registrar's Office. This number should be memorized, as it is the identification number for the ex-serviceman. If veterans are unable to memorize this number, they are advised to write it down on some card such as their draft card, that they carry, so that they will have it available whenever it is needed. If each veteran would do this, it would save much time for people in all offices where they have dealings.

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Lutheran Men To Hold First Meeting Sunday

Gammua Delta, the International Association of Lutheran Students will hold its first regular meeting of this semester at 6 P.M. Sunday, October 6. All Lutheran students are invited to the meeting which will be held at Immanuel Lutheran Church, 709 W. 12th St. Refreshments will be served.

JUST TOO MUCH MUSH IN THE OPEN

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Subscription Price 75c per semester. Single Copy 5c.

(Featuring Activities of Students and Faculty of M. S. M.)

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Represented for National Advertising by—
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420 Madison Ave., New York, N. Y.

Something Lacking Friday Night

The boys won a game Friday night. Did you hear about it Friday night or even Saturday morning? If you did, you were one of the few.

Where was the sound of the bell on the campus that used to toll the victory though-out the "wee" hours of the night that was so familiar when the Miners won a game, Where was the snake dance that used to make its way down the main street of town—the bon-fire and all of the other signs of spirit around the campus? They were definitely lacking Friday night.

If 2000 students are going to kill all signs of school spirit, then it's time that about 1500 of us pack and leave. Of course this is impure logic. The truly logical course to take would be for the 2000 students to make the laurels for our winning team four times as large as did the 500 students in the past. It must be disheartening to the squad (who receive nothing but exercise for their efforts to bring fame to M. S. M.) to return with a victory and find that no one even knows about it.

In two weeks there will be a game here on the campus. With hopes that the boys will get a deserving support at the game from the grand stand, The MINER offers the following suggestions:

1. That either Bullman or Hafeli appoint some person that will make sure that there will be cheer leaders at the game,
2. That this person appointed by one of the coaches also have mimeographed copies of the Miner yells to pass among the people in the grand stand,
3. That Major Richardson have the R. O. T. C. Band to play at the game,
4. That every student make it his obligation to attend the game,
5. That in case the Miners win again, the Student Council make arrangements for either snake dance, a bon-fire or a free show and the ringing of the traditional bell.

ESQUIRE PHOTO STUDIO

Ray Grass, Prop.

Photographer for Miners

708 Pine

Phone 535

Welcome pause

DRINK Coca-Cola

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

SALLY'S
FINE WINES and LIQUORS

604 ELM ST.

POP KELLEY'S

1005 PINE

PHONE 972



Here and there around Rolla. ... Fred Hawthorne, BTO from Ridgeview, acting as doorman at the Rainbow Girls shindigs. ... Juanita Davis and Helen Campbell adding a welcome bit of glamour and sophistication to the "Rendezvous" as it is now styled. ... "Pop" Snowden and wife playing in sweaters that wow ... Fred Scovell doing flip-flops over Pat. ...

One of the fellows from the old days is back, complete with wife and family life. We speak now of Harris Young, who left in the early spring of '48 for the army. It's indeed a shock to see "Prof" so quiet and good. Some of those old candid camera shots taken at the Pennant might prove mighty embarrassing right now, huh Harris? Of course he manages to slip out once in a while to grab a couple of quick cokes even now.

Now we know why Howard Castelman grows a mustache and long curly hair. Who could wonder after his moving sensuous rendition of "Clair de Lune" ala two fingers at Diel's. No doubt the day of Howie's growing a beard and giving piano lessons is coming soon.

Not long ago, Sue East, one of Rolla High's more beautiful gifts to humanity in general and Miners in particular, returned to Rolla with the comment, "The boys in St. Louis were cute, and I just love train rides, but it was so nice to get back." By the way, Sue, the number is 272-R.

Many congratulations go out this week, but first and biggest go to Jay Krath and Lil. Lil finally said "Yes" and the happy couple plan to marry soon. At least everyone on the campus tells me this except Jay and Lil. What about it, people?

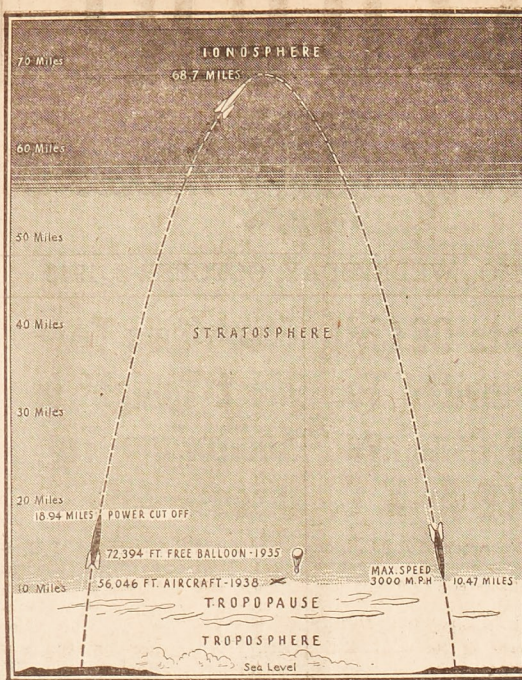
Also heartiest congrats to Hank Kruse, albeit a bit late, on the birth of his baby daughter. The lines in Hank's face are even deeper now and he settles down to his books with ever more grim determination.

Louie Frank continues to go now to the rathskeller and drink the wonderful brew they serve there. Amazingly enough, each time that he goes down, he comments, "Nice place, first time I've ever been down." Then Willie Knecht comes in with something like, "Yeah, we shoulda tried it sooner." Are they kidding? By actual count, those two inhabit the place more than anyone else, except maybe Pete Vaida of MINER fame.

Funny thing, the other night, according to the bulletin boards, there was to be a smoker and free show for the students provided by Blue Key. Yet there weren't even enough attending the free show to fill the Ritz, whose capacity is small indeed. And this from a school of over 2100. This bodes ill for any future gathering depending on student participation.

Among others, Bosworth, Sullivan, and Withrow, good Chems all, studied the effects of certain plant products on the human body after the AICHE meeting the other night. More Chems showed up at the meeting and were the AICHE officers gloomy.

Paul Carroll squired his beautiful wifey down to the rathskeller the other night too. It seems that



Path of the rocket on its flight into the ionosphere, computed by General Electric engineers on the company's differential analyzer, and mechanical brain. The Brain made calculations in 10 days which would have required three months had the job been done by a corps of mathematicians.

Mother Goose
M. S. M. Style

"Hey there, Landlady,
Have you any room?"
"Yes sir, Students,
And quiet as a tomb.
Down in the meadow, 'bout two miles away,
There's an old cowshed where you can hit the hay."

SIGNPOST

With married folks becoming nearly the rule rather than the exception on college campuses these days, such stories as this run in the Indiana Daily Student excite no undue comment. Under the head, "Busy Stork Can Count on I.U. Aid," officials on the Bloomington campus announced that the University was ready to join hands with the stork. Arrangements were made with the Medical center at Indianapolis so that wives of students may receive maternity care at the William H. Coleman Hospital for approximately \$71. College, 1946—a far cry from what it used to was!

Most of my stuff is written on people going to the place, but then a lot of people do go there and conversation is sure to be animated and wits sharp on such occasions.

By way of announcement: Jim and Len, the two lucky fellows that took over the former clinic waiting room at the McFarland Hospital, plan to start charging admission to their domicile. They figure that they might as well, since they are deluged with unexpected, unwanted, and very much unannounced visits at all odd hours of the day or night. Some little friend will gallop in without knocking, stop, look amazed, look disappointed and finally back out saying in a very hurt tone, "I thought that this room was something else, fellows, sorry."

Ovations to Mike Ditore who graciously gives the girls of Rolla a thrill. How does he do it? By just standing on the street corner with the Errol Flynnish look on his face and leaning as they go by. It's not what he does that gets them and makes them go gaga, but the way that he does it. Mike could give a girl hot flashes in a dry ice plant.

Along with all the other new profts that have come to the School of Mines since the first of this semester, we welcome Jack Forbes or rather Prof. Forbes. Jack graduated from MSM himself not so long past. Besides being a noted authority on classical music, Prof. Forbes is widely known in technical circles as the only man who can sharpen a pencil on both ends and in the middle at the same time.

The MSM cafeteria has indeed hit the high mark. At first some of the boys were disappointed in the Navy trays that were used for serving. This looked too much like the last several years to be pleasant. But now it's clear sailing for plastic trays and dishes have come into use and everybody's happy. Soon, too, the army silverware now in use will be supplanted by civilian style cutlery.

Ed. Note: Anyone wanting to contribute news for this article should drop them off at the MINER office or in the campus mail addressed, "Social Column," MISSOURI MINER.

On Scrounging

By Xcavator

Having completed one semester, and a comparatively short summer semester at that it would be beneficial to him both financially and educationally to note a few likes and dislikes of college life. They are garnered by experience from the past few months ... his first in college. One thing that has become an obsession with this man is his acute dislike for companions whom we shall call "obsequious sycophants." The dictionary calls such a person a "toady." They are commonly called moochers. Our man has another name for the individuals.

At the commencement of the semester our man, who we shall take as the victim, came to live at a fraternity house. As the weeks rolled by he became very interested in everything concerning the particular fraternity, with one exception. He couldn't stomach what is commonly referred to as "that old fraternal spirit." At least, not some people's interpretation of the saying. Share and share alike was all right, but a thing could be carried a bit too far.

It wasn't particularly hard for our friend to ferret out these parasites. They seemed to have acquired the knack of being available in fact he found much to his sorrow that it became extremely difficult to detach himself from these men once he became the victim of their brutal onslaughts. He found that they (parasites) are not easily recognized by the uninitiated, because, unfortunately, the law does not brand such persons to make them conspicuous. He found that they worked morning, noon, and night to equal advantage, twenty-four hours a day, and twice on Sundays. Their code of ethics did not permit them to loiter for a single day lest their methods become antiquated. He placed these men in the same category with people of low morals, and those who take a fiendish delight in knocking down old people.

The reader may wonder whether these "moochers" adhere to any one item in their forays. It has been found that they do not specialize. Their motto is "Don't pay for it—mooch it." Far be it from these guys to limit their 'talents', when there is so wide a field for them to play. An attempt will be made at this point to mention but a few of the articles these people always "borrow" to cover the whole scope of their efforts would be impossible. A typical encounter may run thusly: Scrounge, to unfortunate individual, "Got a cigarette? I'm fresh out! ... Got a match? Thanks!" The polite kid says thanks.

Of course it must be understood that this "borrower" has probably wormed his way through eighteen cigarettes out of a pack, which leaves two for his friend. "A cigarette!" you say. "Such a 'mall item!'" How about the beers, the socks, the razor blades, the shoes, the books, the shoe polish, the stationery, shirts, ink, soap, hats, pencils, paper, etc.? With these men it is deemed a 'sacred' to go out of their way to avail themselves of the things they can "scrounge."

Our man has finished one semester in college appreciably better. He knows that that it is better to be able to live within his means than to merit the illustrious title of "obsequious sycophant." "Oh my gosh! Out of cigarettes! Oh Bill!"

Twenty years ago girls didn't think of doing the things that they do now. That's why they didn't do them.

DR. BAKER

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

Letter To Editor

Dear Ed.

I wish to take this opportunity to publicly thank those who made the Student Council Benefit Show at the close of the summer term, the success it was. The boys who suffered losses were presented with checks of \$91.00 each.

In particular, I want to publicize the wonderful cooperation given us by Mrs. Mildred Rauth, manager of the Ritz Theater. Not only did she donate the use of the theatre free, but expended her time and money for trips into St. Louis (plus several long distance calls) to endeavor to get us a program entirely free. Thus netting only a free feature, she was good enough to pay for the two short films herself. When Miss Erleen Sward donated her services for the operation of the popcorn concession, Mrs. Rauth gave the proceeds of the same to our cause. We of the Student Council cannot thank Mrs. Rauth and her employees warmly enough. Ed Harbeck gave much time to the planning and managing of the show, and Bob Williamson donated his time and services in the projection room gratis.

And last but not least, I would like to personally, and publicly, thank one of the old-timers, a Miner-fan for 50 years, Mr. Jno W. Scott for his generous contribution of over one-third the total contributions of the business people of Rolla. To these mentioned, and all the others who made our efforts successful we, the Student Council, offer our sincerest gratitude.

J. Hartley Locher
Chairman, Student Council
Benefit Show Com.

Rolla Offers Better
Entertainment For
MSM Students Now

Two new places of recreation in Rolla have opened in Rolla's downtown section during the time lapse between semesters, Deal Montgomery's Rendezvous and a de luxe billiard and pool hall. New to most of the present student body of M. S. M. and yet a tradition to most of the older men of M. S. M. is the Pennant, now under new management.

Following more or less a suggestion made by the Rolla Chamber of Commerce for more and better entertainment for the Miners, the Pennant was remodeled and the two new establishments were opened. As yet unofficial, Wallace Tucker, present owner of the Rolla Soda Shop, which is better known as "Tucks" or the "Dugout", in keeping with the general trend has also been planning to open a new sort more modern drink bar nearer the campus—across from the Uptown theatre.

As advertised in this issue of the MINER, the Pennant now offers private parties of many variations to the Miners. Private dances, buffet suppers and Fraternity banquets are apart of what is now offered by the management by arrangement.

The new "De Luxe Recreation Hall" at 817 Pine has unusually fine equipment installed in it. A 26-foot mahogany soft drink bar with mirrored back bar, modernistic, mahogany billiard, snooker and pool tables are a part of what the management has already gained prestige around Rolla. It was formerly known as Smith's Billiard Hall.

In a very recent survey made by several members of the MINER board, it was disclosed that Rolla's merchants were doing well in supplying recreational facilities for the Miners but were definitely not offering the best in eating establishments. One member of the investigation committee revealed that only two or three cafes of restaurants remained open on Sundays, the time when they are needed most because most fraternities and co-ops on the campus serve no Sunday meals.

EAT
at
EARL'S

Earl's Sandwich Shop
Across from Kroger's



★ ★ ★

Implications Of The "G I Bill"

One of the veterans in my freshman-English course has just written a serious theme about the deficiencies of the "GI Bill." He is finding it extremely hard to support his wife and two children on the \$90-a-month subsistence allotment. Rent, food, clothes, and incidentals not only consume his subsistence check but eat into his small reserve of savings. Meanwhile, he notes the success of organized labor in its struggle for better wages and uneasily considers the prospect of further inflation. His conclusion is that veterans must organize more effectively to force amendments of the "GI Bill."

This reasoning is logical under the circumstances, and no doubt the pressure recommended by this veteran will ultimately be applied, successfully, to Congress. It may be asserted that we who are charged with directing the educative process have no direct interest in Federal subsidies to veterans. Yet there is something rather disquieting about the ultimate effect of both the subsidization and the tendency to demand increased benefits. The inflationary result of mounting subsistence payments is negligible; more significant by far is the effect upon the attitudes of the students themselves.

We have made education the right of all rather than the privilege of the few; no other course is consistent with democratic principles. But the only justification of education for all is the future repayment to society in the form of service. By this reasoning, education can never be regarded as a reward for past services. Yet, too many veterans have been encouraged to take just this view, and there is a real danger that subsidized schooling will tend to confirm a reward attitude seriously detrimental to the desired sense of responsibility.

The educational benefits of the "GI Bill" constitute an experiment in subsidized education on an unparalleled scale. It is the first extensive application of a proposal advanced by John Dewey many years ago. Before we applaud the experiment, however, we must make sure that benefit for a special group. Such a result would surely retard the eventual acceptance of subsidies for all deserving students. This fear is not altogether unfounded is evidenced by the sweeping nature of the "GI Bill," which flatly disregards relative ability in the applicant for college training. In direct proportion to the waiving or modifying of rules governing admission and academic standing, the colleges and universities are contributing to the impression that veterans deserve special treatment regardless of either native capacity or potential usefulness.

It would be a grave perversion of democratic principles if indiscriminate education of veterans should, by identifying subsidies with rewards for services rendered, jeopardize the subsidization of nonveteran students best qualified for advanced education by virtue of high intelligence and the promise of greatest service to society. It is incumbent upon educators to keep an ever-watchful eye on the current of veteran opinion, lest it overflow the banks and destroy much that we hold good.

William Randel

It's Never Too
Late Or Is It?

The bride was barely able to totter down the church aisle. Gray, stringy hair dangled over her wrinkled cheeks, and one could hear her cackle with joy. The decrepit groom arrived along side her in a wheelchair, too weak to walk. The slight irregular squeak of the wheelchair and the chattering of his false teeth as he mumbled to himself set up gay cadence as they paraded down the carpet. His bald spot reflected the many over-hanging lights. Then the two, who had waited until they could afford marriage, were married.

SWAPS

(This space will be devoted to business transactions of students. If you have anything to sell or trade, if you want to buy anything, if you have lost or found anything, simply put the necessary information on a slip of paper (please print) and deposit it at the Miner Office in the Power Plant building or contact one of the members of the Miner Staff.) FOR SALE:—22 cal. rifle, single shot, German army stock. Excellent gun that has never been fired. Carrying case. Contact J. F. McCarthy, 501 W. 11th St. in the afternoons.

VET'S OFFICE
Continued From Page 1

make it possible for most veterans to receive their subsistence check for the latter part of September and the month of October on the last day of October or the first few days in November.

THE RITZ Rolla Mo.
ALWAYS COMFORTABLE

SUN. & MON. Oct. 6-7

Continuous Sunday
from 1 p. m.

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Lucille Ball
Mark Stevens

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GADDY'S DRUGS

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MINERS!

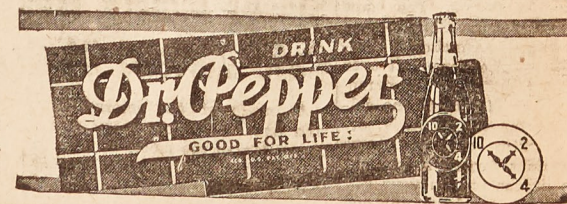
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Scientists Go Hell Bent - For Heaven With American Launched V-2 Rockets

shot an arrow into the air, to earth, I know not where."

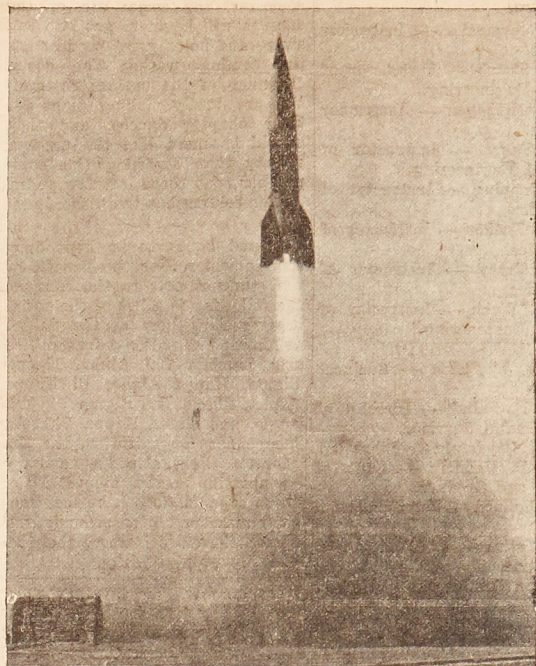
modern version of this old tale might read, "I launched it through the air. I knew it would fall right over there."

predetermining of the flight or trajectory, of airborne objects is no longer a matter of work. It can be reduced to figures even when great distances, rotation of the earth, or rarefied atmosphere and conditions must be taken into consideration. In this respect, firing of American-launched rockets at the Army Ordnance Proving Grounds, White Sands, N. M., inaugurated a series of rocket research and development and scientific fact finding. This was a major triumph for all electric scientists, engineers and mathematicians.

According to expert observers attending the initial launch of the 46-foot monster (five tons) rocket and nine of alcohol for soared 75 miles above the surface, attained a speed of 4,000 miles per second on the return trip, and buried itself in the desert sand less than a mile from the launching point. General Electric personnel were associated with the rocket had their moment of glory as these figures were released, they compared favorably with reflight figures which they computed for the army and were the basis for launch preparations.

addition to determining the data, General Electric was responsible for interpreting a scientific rocket document, assembling the missile, fabricating missing parts and supervising the technical aspects of the firing. Electronic experts also in the installing of tele-equipment by which information pertaining to the composition and characteristics of the atmosphere, recorded by scientific instruments in the rocket is automatically radioed to the ground.

ough most of its flight, the rocket was tracked by radar. It was reported that as a result of this a school recognized.



The 46-foot-long V-2 rocket caught by the camera just as it leaves the firing ramp at the Army Ordnance Proving Grounds, White Sands, New Mexico.

and subsequent tests, effective counter-measures can be developed whereby the missiles can be intercepted and exploded in mid-air, a problem, made doubly difficult by the tremendous speed at which rockets travel.

M. S. M. Band
Continued from Page 1

M.S.M. for many years and should continue to be, due to the increased enrollment.

Although members are paid a salary for playing in the band, this is not the only reward they obtain. Through the band its members are given a chance to advertise their school and to make it better known. For a good, well-trained band is one of the ways of making a school recognized.

Civil Service Seek Engineers

An examination for probational appointment to Engineering Aid, Scientific Aid and Biological Aid positions has been announced by the Civil Service Commission.

Positions to be filled from this examination are located in Washington, D. C., and the immediate vicinity. The salaries range from \$1,822 to \$2,644 a year for a 40-hour workweek. The duties of these positions are of a subprofessional nature and include activities in the principal branches of the above fields, such as civil, electrical and mechanical engineering, chemistry, physics, metallurgy, entomology, biology, horticulture, zoology, etc.

To qualify in the examination all applicants must pass a written test and in addition must have had experience, or education above the high school level, in engineering, physical science, or natural science, depending upon the position for which they apply. A combination of experience and education will also be acceptable. Age limits, except for applicants entitled to veteran preference, are from 18 to 62 years.

The period for filing applications extends from August 29, 1946 to October 10, 1946. Applications must be on file with the Civil Service Commission, Washington 25, D. C., on or before the closing date. Announcements and application forms may be obtained from most first- or second-class post offices, from Civil Service regional offices, or from the Commissions' central office in Washington, D. C.

Love And Romance

(Cecil Brainstorm, the Editor of the School paper, adjusts himself to the situation as he reclines in a swivel chair with his feet on the desk. Ad Libb, news reporter rushes in—swish!)

Ad: Hullo Mr. Brainstorm. Cecil: Shaddup, I'm thinkin'!

Ad: I writt annuder story, sir. Cecil: Phew! What stinks?

Ad: I got baloney again for lunch, sir.

Cecil: Oh, I thought it was your story. Baloney! Where'd you get it—it's meat, ain't it? You're a damn capitalist, that's what you are. What's your name?

Ad: Libb, sir, I been on the paper two whole years now, but I ain't had a article in the paper though yet, sir.

Cecil: Well, whaddya want? Do YOU want to be the editor?

Super-Deadly Poison Can Wipe Out Millions

SCHENECTADY, Sept. — A new super-deadly poison, the most potent known to man, has been developed by the Special Projects division of the U. S. Chemical warfare service.

An innocent-looking crystalline toxin, the poison is so powerful that an inch-cube size of it — roughly an ounce — could kill every person living in the United States and Canada, silently, swiftly.

"If World War Three comes, which we pray will never happen, it will be a war in which most people map die from silent, insidious, anti-human weapons that make no sound, give no warning, destroy no forts or ships or cities, but can wipe out human beings by the millions," Dr. Gerald Wendt of New York City, editorial director of Science Illustrated magazine declared in a General Electric Science Forum address here over WGY and WGFM.

"There may be little civilian rubble in the next war — just corpses, stricken by invisible germs and rays and poisons that kill silently and swiftly."

"That is the promise of biological warfare," Dr. Wendt said. "It was not used in World War Two, but the United States has already spent \$50,000,000 in research on it — a small sum compared with the cost of radar and the atomic bomb. Most startling are two facts: these killers are invisible, microscopic in size, capable of spreading to reach every living enemy; and they can be easily and cheaply prepared by any belligerent who has as much as a brewery and the skill to operate it."

"If any small nation is competent in biological warfare, a large nation, even with atomic bombs, may be helpless against it."

Commenting on the new poison-weapon of the U. S. Chemical warfare service, Dr. Wendt said:

"There is a new, innocent-looking crystalline toxin, the most potent poison known to man, which was prepared for the first time by the Special Projects division of the Chemical Warfare service during the past war. It is so powerful that less than one seven-millionths of a gram — a quantity too small to see — is enough to kill a man. This means that one gram is enough to kill seven million human beings, and an ounce is enough to kill 180 million. A cube of butter one inch on each side weighs just about an ounce. That much of this poison would be enough to kill every living person in the United States and Canada."

Dr. Wendt pointed out that no less than 3900 scientific personnel have been working on biological warfare research, 2800 in the army, 1000 in the navy and about 100 civilians.

There are other new biological weapons, Dr. Wendt asserted, that "operate through the slow agony of starvation. It is the attack on plants and animals which comprise the food supply of the enemy."

Shaddup!
Ad: Nossir, I just thought. . . Cecil: Got any cigarettes on you, son? What's your name?

Ad: Yessir, here take this pack. Libb, sir—I'm on the paper.

Cecil: You're a good boy, Fibb, but you've got capitalistic blood in you and that's no good.

Ad: Yessir, but my article. . . Cecil: Smatter with this whole school, too damn many financiers. What we need is more common people; more common people and more girls. Never saw a place with so few women.

Why, I'd give my. . . Ad: I can pay, sir, to have my article put in—I got my check, and my mother would like to see my name in the paper. You see, the article's about me.

Cecil: You can pay? What'd you say your name is?

Ad: Libb, sir. I can pay fifty cents, cause I ain't goin' to eat no supper tonight.

Cecil: That's fine, Gibb, just leave the article and the money on the table; I'll get it when I get up.

Ad: Gee, tanks, sir, I'll never be able to. . .

Cecil: Goodbye, son, we need someone like you on the paper—I'll keep it in mind.

Ad: But, sir, I'm already on the. . . Cecil: And, Mibb, leave one of those baloney sandwiches too, I'm hungry.

Ad: Ye-yessir. Bye. CURTAIN

There's a difference between stepping out fit as a fiddle and coming home as tight as a drum. Some Miners learn that one the hard way.

'Lovely Loony



Preview critics who saw Martha Vickers, above, portray a goofy little girl in "The Big Sleep," said she was "the loveliest loony ever seen on the screen." P. S.: She didn't wear this costume in the picture.

Someone Should Warn Them of Registration

By AuBuchon

Every year at this time, the big invasion takes place. Wild-eyed men, mostly from Missouri, but numbering in their ranks citizens from every state in the Union and half-a-dozen foreign countries, flock to the other-wise-sleepy little farming village (however much big talk the local chamber of commerce makes) known as Rolla. These men rush around like mad for a few days undergoing the ordeal known as Registration, make a lot of loud noises about how much they're going to work this semester, and then settle down for a four-months period of eating, sleeping, attending classes, cutting classes, suffering the agonies of the damned before quizzes, and insuring the matrimonial chances of the local belles.

The Registration end of the deal is the most important. Nothing can be accomplished without Registration. It is a universal "requirement." Everyone, without exception, must register at least eight times before he can walk off the stage with that precious piece of paper in his hand proclaiming him a B. S. and expert B. S. er, Registration is such a vital part of the business of going to school that a petition is being drawn up to present to the Student Council to draw up a petition to the faculty to include a course in the technique of registration in the curriculum.

Such a course would be invaluable to the engineering student. In it he would be instructed in the gentle art of chow-hounding a waiting line. He would be taught a whole new set of statements to make to the boors who invariably greet his breezing past with: "Hey Bud, wherethehelleryougoin'? He would be shown the lack of finesse in such an answer as: "I'm in a hurry." or "My grandmother wants to see me," or even more futile, "I have a taxi waiting." He would be acquainted with the proper methods of self-aggrandizement so that when he dropped his card, with the three thousand and fifty-four blanks still blank, in front of one of the clerks with the request: "Fill this in for me, will you?" the clerk would drop everything and work it over with: "Gladly, Mr. Jones." instead of staring rudely and asking if a case of polio had incapacitated his writing hand. The real pay-off of such a course, though, would be in the grape-vine-tapping section. Instead of stumbling around blindly, searching for the next place to go, our hero with the credit in "Registration Day Technique" would be able to blithely ignore the lack of signs, directions, and posted routines for registration with which the campus is decorated for the big Event, and go directly to where he was supposed to be when he was supposed to be there. Such a deal, of course, would cause the Registrar's Office to gnash its teeth in fury that all its attempts at confusing the poor sucker should go by the board.

Last, but far from least, would be the benefits accrued by instruction in the methods of changing his curriculum with the weather, and talking the Registrar's

Travel To Moon May Be Possible In Three Years

SCHENECTADY. — Travel to the moon, the nearest other planet could be accomplished "within three years if a real effort were made," John Campbell, Jr., of New York, editor of Street and Smith's Science Fiction magazine, declared in a General Electric Science Forum address here over WGY and WGFM.

"But it will probably take five to ten years, simply because no really adequate research program will be launched," said Mr. Campbell. "It's like so many other problems; cancer could be cured in five years if we'd really launch a program."

"Solving the problem of interplanetary travel in simple enough it just takes money to pay for the research in engineering construction."

According to Mr. Campbell, "The basic spaceship motor is available the V-2 rocket uses it. The airtight hull necessary is already available the Boeing Stratocruiser uses one, as did the B-29. Space-suits have been developed — the Army's extreme altitude pressure suit. The air supply for spaceships is simple — earth is, after all, a sort of supercolossal spaceship, and our air supply on earth is a good one to use in smaller spaceship a sort of balanced aquarium. For short trips to the moon it would take only a matter of a few days — compressed air tanks could be used."

"All that's lacking is the research to combine these things, and add the one other factor: the atomic power drive. The Navy is working on that now for use in naval vessels."

That Old Ailment "Lackacopy"

Once upon a time there was a little engineering school. The school was small, but its standards were high; and most of the students spent most of their time attending classes and studying. Those are laudable pastimes that further raise standards and well-prepare the students technically for the jobs that will come later. However, keeping the nose to the grindstone all the time is hard on the nose. Therefore, a long time ago, a few students who wished to keep their noses intact, and who believed that a change is as good as a rest, started a school paper.

The fortunes of the paper varied with the fortunes of the school. When there was a large enrollment there was a large paper. When there was a small enrollment, there was a small paper. It all depended on how many students there were in school who agreed with the idea that the change was as good as a rest.

In the course of the history of the school and the nation, there came a war. Naturally the enrollment at the school dropped off. The potential engineers were throwing hand-grenades in foreign lands instead of B. S. in quizzes. However, like all good things, all bad things come to an end sometime or another, and the little engineering school soon had the greatest enrollment in its history. Financed by a wise, rich, uncle, great numbers of the ex-soldiers returned to their studies.

Seeing this great influx of veterans, the men on the staff of the newspaper rejoiced mightily. "Now we will gain enough try-outs on the staff to put out a real paper. We can increase the size. We can give full coverage of all school events. There will be enough writers that that old ailment "lackacopy" will never bother us."

Would you like to see a happy ending to this little fable? If so, and you can write, would like to try to write, come to the meeting of the Miner News Staff at the Miner Office in the Old Power Plant.

WE LIVE; WE LEARN

Many a fledgling chemist has to learn the hard way. Fellow students will never forget the look of utter horror that came across a Chem. 8, lab student's face as he watched a neatly-copied-in-ink English theme dissolve in some hydrochloric. Humble title of the theme: "The Benefits of Chemistry."

Office out of credits for work done elsewhere. With such a course at his back and such technique at his disposal the veteran freshman with his pup tent ditching and latrine digging experience should be able to get at least ten hours credit in such "CE subjects as "Drainage" and "Sewage Disposal." The lines form on the left.

AS THE MANAGING EDITOR SEES IT

A bigger paper doesn't seem to help much. The trials and troubles of the staff who throw this paper together are just as evident as they always were. Trouble—that's another name for putting together a paper (news). We're still skating on thin ice as far as the material to print is concerned. Last semester we had something like forty inches, out of all the copy turned in, that wasn't used. This semester it looks like a unanimous proposition. Everything that's written for the Miner will turn up in print.

Most publications turn down some stuff just to prove to themselves that they are discriminating. The Miner has never even made a pretext of being exclusive in that respect. Fortunately the guys who write always turn out creditable copy. Those little notes about where the SAME (etc.) met, why they got together, and the latest business they transacted take time to run down and put into words. It's a good job the boys are putting out covering those things. For the amount of time spent doing it, reporting is more of a miracle than a routine job.

There are persistent rumors around the campus of poets who write in a weird and beautiful style during the wee small hours. Each week I expect to rummage through the copy and find at least one "anonymously" contributed poem. None have ever appeared.

If one does (deadline 4:00 Fridays in the office) it should be entitled "First Contribution of the Year", or possibly a title with more reader interest would help.

While we're discussing things in general, it's time to mention the peace conference; where there is much wrangling over nothing, and nothing done toward a permanent peace. If the delegates to that farce really know so much about solving the problems of the world why don't they quit putting on a burlesque and walk out of the meeting. By now it should be apparent to a gradeschool youngster that the chances of that peace conference to achieve its goal are the same as that of a dandelion in a Bessemer Converter. The delegates deserve the fleas which inhabit their red plush chairs.

Nine prospective Miner Board members came to put their names on the roll of reporters at the last news staff meeting. Ralph Padfield, Gordon Raymen, Bruce Miller, James Hetherington, George Flynn, Don DeBolt, Bill Murney, Otis McCallister and Frank Weber. They look like good newsmen — including McCallister, who came with pencil in hand to be a cartoonist. To date Hetherington and Padfield are first to break in to print with the Miner. Hetherington wrote the Fencing Story in this issue. Padfield takes a cake for his story on the Camera Club.

Teach My Son

Before your vast instruction, Life, I bring This learner out of silence. So little I can give him of the definitions You hold inviolate; my worth of truth In words is much too small to lift the weight Of pure integrity before the stern And universal bar of justice.

Teach my little son the sum and figure Of his need: the worth of sorrow, the price Of pleasure, the need and equity of pain. Teach him how wide a span may reach beyond Despair, how wide a span may reach beyond Despair, how strong a thread is hope, how deep A care may let the spirit rise again.

Teach him the dignity a man may know Walking beneath the sky, the loneliness Of inspiration in the silent moments, The exultation over multitudes, The love that stands before the wreck of death.

Teach him an honest fear, an honest doubt That seeks no recompense beyond his worth; Let him early learn the swift economy Of years, that after trouble and the slow Contagion of passing things, he may know The coming of an understanding peace.

Temper his hate with mercy. Teach my son No malice. Teach my little son no war.

Matthew Biller

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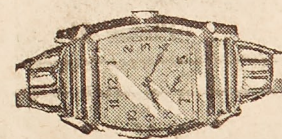
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Miners Defeat Central

Continued from Page 1

from the one-yard line for a touchdown within the first eight minutes of the game. Throughout the long drive, MSM held the ball in complete control with Hoehn, Fullop, and Berry making short but consistent gains through the Central line. After Berry's touchdown, Gil Carafoli, who was unable to play due to an injured leg, was brought into the game to attempt the conversion. Carafoli's kick was blocked and the Miners led, 6-0.

Receiving the kickoff, Central found the MSM line a wall of granite and was forced to punt out of danger on the Miner 32. From this origin, the Silver and Gold engineered another strong ground attack which carried them to the Central 17-yard stripe at the beginning of the second quarter. At this point the Eagles regained the ball on downs but soon afterward fumbled and Rolla recovered on the 14 and advancing to the 21, Central was penalized 15 yards for holding which brought the ball back to their 6 yard line. One play later, Right End John Hazlett intercepted a pass on the 8 yard line, deep in Central territory. Fullop sprinted to the five, Bob Reichelt passed to Jim McGrath to the one, and then Reichelt executed a fine quarterback sneak to hang up the second Miner tally of the evening. Carafoli's placement was wide and Rolla led 12-0.

During the final minute of the half Central penetrated into Miner ground for the first time and had reached the 45 yard line when the gun sounded.

Miner Halfback Hurt

The opening of the second half found the Eagles a changed club, full of pep and spirit and very difficult to stop. In the first minute of the half, Miner halfback Hoehn injured his ankle on a running play and had to be helped from the field. He did not see further action and as yet the seriousness of the injury is unknown.

Central now began threatening but the stout defense of the Miner line repelled one assault after another. Finally, early in the final period, the Eagles launched a drive from their 34 yard line that eventually netted them a touchdown. This drive featured a series of ground plays which brought the ball to the Miner 30. From here, a forward authored by Gene Swyden and received by Vergil Landers caught the Rolla safety man napping and Landers gathered the ball in at his shoe tops, sidestepped a pair of would-be tacklers, and raced across the goal line for a touchdown. The attempted conversion was wide.

The balance of the game found Central continually "knocking at the door" but they were always halted and the game ended with the Miners in possession of the ball on the 50 yard line.

Coach Bullman, elated over the victory, was especially pleased with the excellent tackling done by the entire Miner team and the fine signal-calling of the two quarterbacks, Reichelt and Bob Kemper. He was free with praise for the squad but was also ready to point out the few mistakes the team made.

All efforts are now to be turned to next week's gridiron clash with Oklahoma City University on the



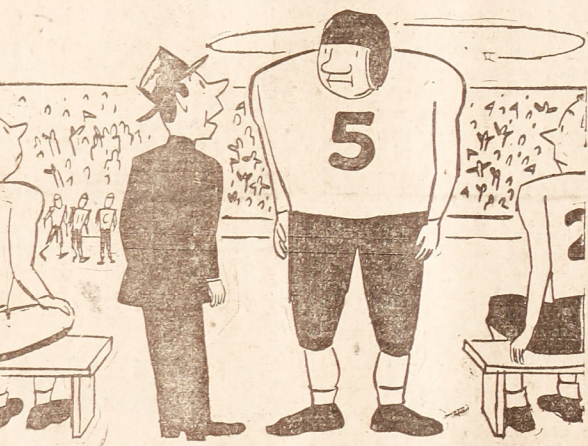
PAUL FULLOP

opponent's field next Saturday night, October 5. Oklahoma City is reputed to have the largest squad in the country, so naturally the game is expected to be rough and tough.

The lineups and summary follow:

Miners	Central
McGrath	LE Landers
Wood	LT Vivian
Seabough	LE Bricker
Stallman	CB Clingenpeel
Fulghum	RH Swyden
Leone (C)	RH Zuchowski
Hazlett	RB Radke
Reichelt	QB Pappas
Fullop	L Ghoully
Hoehn	RG Marshall
Berry	FT March

Score by Periods:	1	2	3	4	T.
MSM	6	6	0	0	12
Central	0	0	0	6	6



Reprinted from the October issue of Esquire

"Take it easy, now—remember whose side you're on!"

Chance For Study Of M.I.A.A Teams In Games This Week

Teams Play Out Of Loop, Miners, Cape Appear To Be Strong

KANSAS CITY, Mo., Oct. 1.—(UP)—M. I. A. A. fans will have plenty of comparative score material for study after this weekend's games are in, a week before the teams start competition for the first title in the circuit since the war started.

Four of the six games scheduled will provide the dopsters with talking points. The schedule sends Cape Girardeau to Carbondale, Ill., for a meeting with Southern Illinois Normal, the team which beat Kirksville Saturday 16-0.

Central College of Fayette moves over to Warrensburg. The Rolla Miners beat Central 12-6 last Friday night at Fayette. Rockhurst of Kansas City meets Maryville Friday night in a game postponed from last week because of rain. Two weeks ago Rockhurst upset Springfield Teachers 12-6.

Fourth game of comparative score importance will be the Springfield-Pittsburg, teachers game at Springfield. Last week Pittsburg beat Warrensburg 12-0.

In the other weekend games, the Rolla Miners go against Oklahoma City college and Kirksville goes to Fairfield, Iowa, to play Parsons College.

Cape, co-titlist with Maryville in 1942, opened its campaign last weekend by beating Arkansas college 8-0. Maryville as yet hasn't pulled off its wraps and word from the northwestern town pictures the squad as green as it possibly could be while down at Cape the veteran coach, Abe Steuber, admits his team "looks pretty good."

That probably means he has a promising lineup. The Carbondale game should provide something of an inkling as to its M. I. A. A. potential.

Change Houses For Vacation

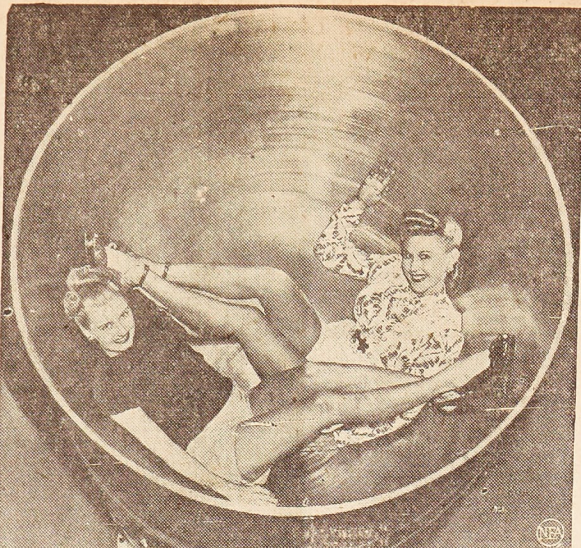
CINCINNATI, OHIO.—(ACP)—A new high in the exchange of courtesies and conveniences incidental to the temporary swapping of teaching posts will be reached this fall when the University of Cincinnati's Professor Meyer Salikover and the New Mexico College of Agriculture and Mechanical Arts' Professor Walter P. Heinzman each become visiting faculty members of the other's institution.

For them, the housing shortage is just a myth. Both had planned to spend a year away from their campuses and a change of scenery. New Mexico's Professor Heinzman wanted to try a humid climate. Cincinnati's Professor Salikover wanted to try a dry climate.

Somehow they heard of each other and what followed was almost inevitable. Starting this month, they will live in one another's homes, teach each other's classes, and top off the swap arrangement by even switching family cats, which will remain in their respective homes.

Probably the reason that Noah took two animals of each kind into the Ark was that he didn't believe the story about the stork.

Pot Luck



Shirley Hammerle, left, and Helen Bodnar, show comparative size of 300-gallon, stainless steel kettle. The huge pot, used for cooking chemicals, was displayed at recent National Chemical Exposition in Chicago.

FACULTY

Continued From Page 1

F. E. Dennie — Associate Professor of Mathematics.
E. A. Goodhue — Associate Professor of Mathematics.
F. A. Graser — Associate Professor of Petroleum Engineering.
Z. V. Harvalik — Associate Professor of Physics.
W. J. Jensen — Associate Professor of Physics.
A. V. Kilpatrick — Associate Professor of Mechanical Engineering.

Adolph Legadin — Associate Professor of Mineral Dressing.
C. J. Monroe — Associate Professor of Physical Chemistry.
L. E. Shaffer — Associate Professor of Mining Engineering.
R. H. Young — Associate Professor of Mechanical Engineering.

ASSISTANT PROFESSORS

K. E. Born — Assistant Professor of Geology.
Roy Bremer — Assistant Professor of Civil Engineering.
M. H. Carg — Assistant Professor of English.
M. J. Caldwell — Assistant Professor of Chemical Engineering.
C. C. Campbell — Assistant Professor of English.

L. C. Christianson — Assistant Professor of Engineering Drawing and Descriptive Geometry.
R. H. Cowie — Assistant Professor of Geophysics.

C. W. Eshbaugh — Assistant Professor of Civil Engineering.
Emory D. Fisher — Assistant Professor of Chemistry.

V. A. C. Gevecker — Assistant Professor of Civil Engineering.
G. R. Guinnup — Assistant Professor of Mechanical Engineering.
J. J. Jelinek — Assistant Professor of English.

L. E. Leaver — Assistant Professor of Physics.
A. H. Malhoof — Assistant Professor of Engineering Drawing and Descriptive Geometry.

Alfred Marsh — Assistant Professor of Chemical Engineering.
Wm. P. Randel — Assistant Professor of English.

Paul N. Russell — Assistant Professor of Mathematics.
D. R. Schooler — Assistant Professor of Mining Engineering.
C. H. Summerson — Assistant Professor of Geology.

D. F. Walsh — Assistant Professor of Metallurgy.

INSTRUCTORS

C. S. Barnard — Instructor of Physical Education.
S. C. Bayless — Instructor of Mathematics.

E. R. Broadbent — Instructor of Civil Engineering.
Gale Bullman — Instructor of Physical Education.
J. M. Burger — Instructor of Physics.

Carl Christy — Instructor of English.
J. F. Combs — Instructor of Mathematics.

R. R. Cornwall — Instructor of Chemical Engineering.
N. Costakos — Instructor of Mechanics.
H. A. Crumpler — Instructor of English.

R. F. Davidson — Instructor of Mechanics.
Ralph Davis, Jr. — Instructor of Mechanics.
R. A. Dek — Instructor of Mathematics.

J. C. Forbes — Instructor of Engineering Drawing.
P. B. Frazier — Instructor of English.
W. C. Furr, Jr. — Instructor of Economics.

E. L. Garner — Instructor of English.
L. Goff — Instructor of Engineering Drawing and Descriptive Geometry.

J. G. Graves — Instructor of Engineering Drawing and Descriptive Geometry.
D. L. Hafeli — Instructor of Physical Education.

J. W. Hammann — Instructor of

Engineering Drawing.

Leon Herszkowitz — Instructor of Civil Engineering.
C. Ray Holland — Instructor of Physics.

Reid Jann — Instructor of English.
C. T. A. Johnk — Instructor of Electrical Engineering.

C. A. Johnson — Instructor of Mathematics.
R. H. Kerr — Instructor of Mathematics.

V. E. Knittel — Instructor of Mathematics.
J. A. Koch — Instructor of Economics.

R. E. Lee — Instructor of Mathematics.
Otis L. Loomis — Instructor of Mathematics.

D. S. Lynch — Instructor of English.
J. M. Marr — Instructor of Mathematics.

Ray W. Oesch — Instructor of Mathematics.
Syl. J. Pagano — Instructor of Mathematics.

Wm. H. Patrick — Instructor of English.
T. J. M. Planje — Instructor of

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2-FEATURES—2

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Albert Dekker

"French Key"

Ken Curtis — Jeff Donnell in

"That Texas

Jamboree"

Off the Campus

With the inauguration of a new semester, the social life of the campus will begin to get into full swing and holds great promise for the coming weeks. The social chairmen of the various fraternities are busily making plans for their chapter dances, and they should be more like the pre-war variety than anything this campus has seen these last few years.

This column has the task of presenting the social news of the campus, and hopes to be kept busy this semester. For the benefit of the students new to the campus, the following is a list of the social organizations here at the School of Mines: The national fraternities are: Lambda Chi Alpha, Kappa Sigma, Kappa Alpha, Pi Kappa Alpha, Sigma Nu, Sigma Phi, Tri-Alpha, and Theta Kappa Phi. An independent organization, the Engineer's Club, also has a large membership on the campus. All of these organizations have increased their membership enormously, and should therefore increase their social life proportionally.

Attention Intramural Managers

Intramural Managers are to have a meeting tonight in the Coach's office in the gym at 7:00. Fresh, Soph., and Junior and Senior should be represented at this meeting.

Football Schedule 1946

Oct. 5 Sat. night—Oklahoma City University (there)
Oct. 11 Friday night—Warrensburg (there)
Oct. 19 Sat. aft. 2:30—Maryville (there)
Oct. 25 Friday night—Cape Girardeau (there)
Nov. 2 Sat. Aft. 2:30—Springfield (here)
Nov. 9 Sat. Aft. 2:30—Pittsburg Kansas S. T. C. (here)
Nov. 16 Sat. Aft. 2:30—Kirksville (here)

PUTTING IT MILDLY

George Thomas of Chicago, maitre de soda fountain, has designed a monumental new sundae. He builds it of ice cream of three different flavors with strawberry, peaches, cherries, pineapple, marshmallow, pecans, fudge, and bananas. The finished pyramid measures 14 inches from base of Beta peak, costs \$1 and may be shared by several customers. He calls it Hubba Hubba.

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