



16 Oct 1959

The Missouri Miner, October 16, 1959

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THE MISSOURI MINER

VOLUME 46

ROLLA, MO., FRIDAY, OCTOBER 16, 1959

NUMBER 5



L. to R.: Bob Rekarz, Charles Freeman, Richard Bills, Dean Curtis Wilson and L. A. McCall.

Pi Kappa Alpha Plays Host For District Convention

Alpha-Kappa Chapter of the Pi Kappa Alpha Fraternity here at the Missouri School of Mines was host last weekend for the annual convention of District Nine of the fraternity. Eight undergraduate delegates representing ten chapters in Missouri, Kansas, Nebraska, and Iowa attended the sessions. The convention was honored with the presence of two members of the Supreme Council of the Pi Kappa Alpha Fraternity: Charles Freeman, National Treasurer, and L. A. McCall, National Secretary, who traveled from Florence, South Carolina, to attend.

District President Richard N. Bills from Kansas City called the convention to order at 9 o'clock Saturday morning for the First General Session.

Dean Curtis Wilson's welcoming address at the noon banquet held in beautiful Rayl Hall keyed the University-Fraternity Relations Luncheon. The Dean was in magnificent speaking form as he delivered his colorful, humorous speech. Among the guests present were: Professor C. J. Grimm, faculty advisor of Beta Sigma Psi; Professor Karl Moulden, faculty advisor of Kappa Alpha and the Interfraternity Council; Professor John Heagler, faculty advisor of Tau Kappa Epsilon; and Mr. Edward Sowers, editor-publisher of The Rolla Daily News.

Rain soaked the plans for an Ozark barbecue that was to be held Saturday night at Lions Club Park. Despite an uncooperative weatherman, spirits were not dampened and the party moved inside the chapter house. The move back to the house didn't affect the flavor of the steaks which were enjoyed by everyone. A tremendous party followed. Entertainment for the evening was provided by previously planned and rehearsed skits in which visiting chapters pantomimed a record of their choice. The end result was very humorous, to say the least. The generous host chapter presented an appropriate award for the best skit performed by Beta-Gamma chapter from the University of Kansas.

For the first time since the beginning of the convention, the delegates separated for a short while Sunday morning, as each attended the church of his choice. The convention reconvened at 11:30 o'clock at which time Richard Bauer, President of the Alpha-Kappa House Corporation, spoke on the "Views of Alumni."

In the afternoon a second banquet was held in Rayl Hall. Dr. Daniel S. Eppelsheimer, Professor of Metallurgical Engineering here

Two Hundred Companies Expected for Interviews

One of the most important and sometimes overlooked facets of your schooling at MSM are the interviews with companies who are seeking to employ engineering graduates. Most of these interviews take place your junior and senior years and many students do not give much thought to them until the time for interviews is upon them.

This year about two hundred companies will visit the MSM campus in hopes of securing the services of some of the top engineering graduates of this school. A great variety of companies is to be found, some of the larger of them are: Alcoa, Convaire, Dow Chemical, G. M., G. E., B. F. Goodrich, Texaco, Westinghouse, and R. C. A., to name a few. At these interviews there is a great opportunity for the student to gain inside knowledge about the companies that he is interested in, so that if he gets a job offer from one of these companies he can base his decision on facts and not on hearsay.

Starting salaries are another

thing that are important to the engineering graduate, but a lot of thought is given to this field of interest. Last year the monthly starting salaries for graduates from this school were as follows:

	Low	Avg.	High
Ceramic Engineering	\$475	\$509	\$554
Chemical Engineering	\$450	\$490	\$545
Civil Engineering	\$425	\$485	\$580
Electrical Engineering	\$442	\$513	\$560
Metallurgical Engineering	\$475	\$499	\$550
Mechanical Engineering	\$450	\$500	\$560
Mining Engineering	\$450	\$486	\$525

Now is the time for all students to think about the future and the interviews, and job opportunities he will be receiving while he is attending this school. This is one of the most important decisions that a student will make and it is worth the time it takes to gain the information for a wise and prosperous decision.

Campus Tours Changed For Annual Parents Day

Registration Begins at 8:00 A. M.

The annual Parents Day will be held on October 17, 1959, on the campus of the Missouri School of Mines and Metallurgy. The following is the program of events:

1. 8:00 A. M. to 12:30 P. M.—Registration of Parents in lobby of Parker Hall.
2. 8:00 A. M. to 12:30 P. M.—Guided tours of the campus (Please note the change in Campus Tours as explained below).
3. 2:00 P. M.—MSM Miners vs. Cape Girardeau. Admission \$1.00 per person for adults. Half-time entertainment provided by the MSM ROTC marching band with the Pershing Rifle Squad and the Golden Eagle Band from Cape Girardeau.
4. 6:00 P. M.—Banquet for parents, sons and teachers in the Rolla High School Cafeteria. Tickets are on sale at

the present time in the Business Office and are \$2.00 per plate. Entertainment at the banquet will be by the MSM Glee Club under the direction of Professor John Brewster.

Professor G. G. Skitek, chairman of the faculty committee on Commencement and Public Occasions has announced a new plan for conducting parents and other visitors about the campus on Parents Day. This new plan is believed to be more flexible and not as demanding of the parents as in the past.

Students who do not have Saturday morning classes and whose parents plan to visit the campus are requested to meet their parents in the auditorium of Parker Hall. From this point the student can take his parents on a personally-conducted tour of the

(Continued on Page 8)

Cuban Co-eds Find U. S. Colleges More Informal

The addition of two girls from Cuba to the MSM campus has served to add a great deal of spice to the daily life of many Miners. The girls, Rosario G. Menocal and Gini More consented to an interview for the Miner.

"We think that MSM is a very nice school," said Rosario and Gini. "We come here because of the fine reputation the school has as an engineering school."

Gini has attended Tulane, and Rosario has attended Villanov University. They also went to school in Havana, Cuba.

When asked how they liked professors at MSM they remarked, "The instructors here are very friendly. There seems to be a more friendly relationship between the instructors and students so that they can give each student more personal attention."

Rosario, a metallurgical engineering major with a nuclear option, is somewhat short and has blond hair. Gini is taller and has black hair. She is a chemical engineering major.

The girls said, "Students have more fun along with their studies in the U. S. In Cuba the schools are much more formal. Many of them are still closed because of the revolution."

Because all the schools in Cuba are co-ed, the girls said they feel quite strange representing a large

proportion of the co-eds. They would rather have more girls going to school at MSM.

Customs are quite different here. In the States boys and girls can go out on dates without chaperones. "In Cuba a girl never asks a boy for a date. If a boy asks a girl out in Cuba more than three or four times he is getting serious. In the States a boy often goes out with a girl just to have a good time," explained the girls from south of the border.

The girls mentioned that they have noticed a very pronounced difference between the boys of different fraternities.

"Most of the town people seem very nice and friendly," mentioned the girls. Many people in larger cities seem anti-Spanish and anti-foreign.

The girls were in Cuba during the revolution. Their account follows:

"In the early days of the revolution Castro used terroristic tactics in Havana. His men planted bombs in night clubs and in movie theatres. During the time after Batista left and Castro entered Havana anarchy prevailed. All the police and civil authorities had resigned. It was right after Castro entered Havana that we left to start school. We were against Batista and his policies, but we feel Castro is not doing what he could or should do. He has done too many wrongs and not enough rights. The masses of uneducated people are still for him but would be for anyone who makes big promises."

Math Department Increases Staff

This fall the Math Department has acquired three new additions to its staff of instructors. The three instructors and their respective degrees are as follows:

James Walter Joiner—B. S. Education (1953) Southeast Missouri State College.

Howard Dean Pyron—B. A. (1955) Hendrix College; M. Ed. (1956) University of Arkansas; M. A. (1959) Math, University of Arkansas.

August J. Garver—B. A. Math (1959) Harding College.

NOTICE

Included in the Parents Day activities will be an exhibit of the ROTC Department. Although it is not on the official schedule, there will be a display featuring many of the training projects, models and artifacts which the Military Department uses in the development of the engineering program. The display will be found in T-3, the sophomore classroom. The Military Department welcomes all students and their parents. —The Editor.

THE MISSOURI MINER

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Editor-in-Chief..... Jim Walther
707 State St. — EM 4-2731
Business Manager..... Mike Swoboda
500 W. 8th St. — EM 4-3787
Managing Editor..... Terry K. Smith
Features Editor..... Jerry Misemer
Advertising Manager..... Jerry Alyea
Circulation Manager..... Bill Ricketts
Sports Editor..... John McKeone
Technical Advisor..... Bill May
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Assistant Editor..... Henry Duvall

EDITORIALS

The 70th General Assembly of the Missouri Legislature in session approximately six weeks ago passed what is known as HOUSE BILL No. 248 which reads as follows:

Section 1. Any person under the age of twenty-one years, who purchases or attempts to purchase, or has in his possession, any intoxicating liquor as defined in Section 311.020, RSMo, is guilty of a misdemeanor.

Section 2. Any person under the age of twenty-one years, who purchases or attempts to purchase, any nonintoxicating beer as defined in Section 312.010 RSMo, is guilty of a misdemeanor.

Any person convicted of violating these sections shall be punished by a fine of not less than \$50, nor more than \$1000, or by imprisonment for a term not exceeding one year.

The law is known as the "new" liquor law for the State of Missouri, and was enacted to better control possession of liquor by a minor. For some, the new liquor law steps hard on their toes, and it is extremely difficult to speak of principles when someone is stepping on your toes.

The principles involved need not be discussed. Instead, everyone should consider well the new law and realize respect for it. Be careful and think twice before acting once.

Every student should do his part in upholding the spirit in which the law is taken. One incident could ruin the person involved, could ruin a school activity, and could ruin a club or fraternity. Remember to use the ounce of prevention and not be sorry later.

Letters to the Editor

To the Editor:

Be it known that the Lindenwood mixer tomorrow, though highly sanctioned by many or most students, is held in very low esteem by those who are responsible to remove all of their belongings from the dorm for the one-night stand.

Because of the great inconvenience, most of the residents of Farrar will take the risk of leaving most of their possessions in their rooms during the girls' stay. To protect their interests, the head resident will have the names and addresses of the occupants, but who is to be responsible for the student who does not have an affidavit signifying the presence of his every belonging—and who is to be accused of any theft

since all of the rooms will be open most of this time because of the girls' lack of keys?

Could no other solution be found? Could students not have been asked if they wanted the mixer? Could the dorm residents not have been asked if they wanted it enough to volunteer their rooms? Would it have carried? Give those who would volunteer a head start—appoint them as guides to show the girls the campus.

Do not deny us our choice—if we cannot decide for ourselves we do not belong at this school.

Yours truly,
A Friend of Farrar

Start packing.—The Ed.

"THE CRAFTY DRAFTSMAN"

The designer sat at his drafting board
A wealth of knowledge in his head was stored
Like what can be done on a radical drill
Or a turret-lathe or a vertical mill
But, above all things, a knack he had
Of driving gentle machinists mad.

So he mused as he thoughtfully scratched his bean:
"Just how can I make this thing hard to machine?
If I make this body perfectly straight
The job ought to be come out first rate.

But 'twould be so easy to turn and bore
That it never would make a machinist core
So I'll put a compound taper there
And a couple of angles to make him swear
And brass would work for this little gear.

But it's too dammed easy to work, I fear
So just to make the machinist squeal
I'll make him mill it from tungsten steel
And I'll put these holes that hold the cap
Down underneath where they can't be tapped.

Now if they can make this, It'll just be luck
Cause it can't be held by a dog or a chuck
And it can't be planned and it can't be ground
So I feel my design is unusually sound.

And he shouted in glee, "Success at last!"
This "--- dam" thing can't even be cast!"

To the Editor:

I would like to bring it to the attention of the student body that the rules for the membership contest, sponsored by the American Foundrymen's Society, were printed in error. In reference to the "Missouri Miner" of October second, the third section of the official rules should read as follows:

3. \$50 will be awarded in the form of a savings bond to the member recruiting the largest number of new members (renewals excepted) during the contest. However, a member may recruit not less than five new members to qualify for the \$50 bond.

Bruce L. Bramfitt, secretary-treasurer, American Foundrymen's Society, MSM Student Chapter.

ATTENTION

Lets cut out this kidding around. Don't stop the Math Gems just because you don't know the answers. I'll send you them if needed.

I. Big Shot

To the Editor:

Through some friends of mine I have heard that the Math Gems article has been dropped. Is this true? I would like to request that they be printed again as I enjoy working them. A Miner

To Editor:

How come Math Gems wasn't printed last week? I wanted to check my answer for the last problem.

Elmer Smith

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at 7:30

Sunday Matinee
at 1:30

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To the Editor of the Miner:

Dear Sir:
Bring back Math Gems. I like them.
Joe Jones

Editor the Miner:

Hey, where were those Math problems last week?

Editor, the Miner:

Why start an article and then stop it? You could have at least put last week's answer in.
Joe Blow

Editor
The Missouri Miner
Dear Sir:

Why is it that as soon as you start something of interest to students on this campus you run it two or three weeks and then drop it? I am referring to the "Math Gems" which appeared for two weeks and was missing last week. All my friends enjoy working these problems. Please bring them back.

I. M. A. Genius

When you are unsure which pocket contains the tickets or address, why is it you never reach into the right pocket on the first try?

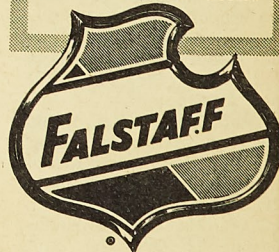
Soph: "How does it happen you came to M. S. M.? I thought your father was a Yale man."

Fresh: "He was. He wanted me to go to Yale; I wanted to go to Princeton. We had an argument and he finally told me to go to Hell."

I may be lonely, but if you call, please don't reverse the charges.



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This Day of Today

by E. Roger Gardner

This day of today is but an instant
In the great world of suns.
Yet within this particle, man loves and hates,
And lives and dies.

This day of today passes as a feather
On the infinite sea of stars.
And in it, man reaches heights never before reached,
And plumbs depths never before plumbed.

This day of today would pass
To be lost in eternity,
Were it not for the mind of man.
He cherishes, he hates,
But he always remembers.
Odd that a creature of the universe should
Treasure its trash and trash its treasure.

Odd, yet true, that man is capable only of
The warmth of yesterday,
And the pleasure of today.
His irrational, jealous, selfish mind,
Savors the wine of yesterday
And not the mathematics of tomorrow.

Man is an amazingly narrow and limited creature.
So ant-like that he considers only his
Immediate self and immediate present.
Never the possibilities of the future.

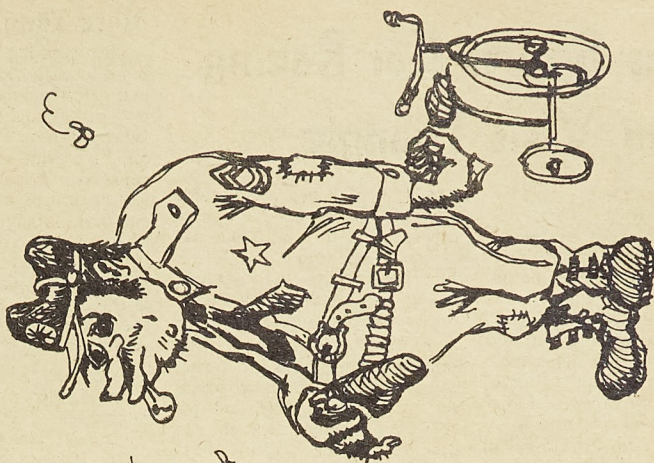
But someday, someday man will burst as a
Flower in the realm of the universe.
He will rise up and become more than man.
The whole will be more than the sum of its components.
Yet each individual will do the
Individual task that only he can do.

That day will be recorded in the annals of time.
The day when man becomes more than man,
The day when man approaches his own concept of the
Infinite being.

That will be the day arrived as promised by the prophets.
The Kingdom of Heaven will be here.
He will realize his future as well as he
Remembers his past.

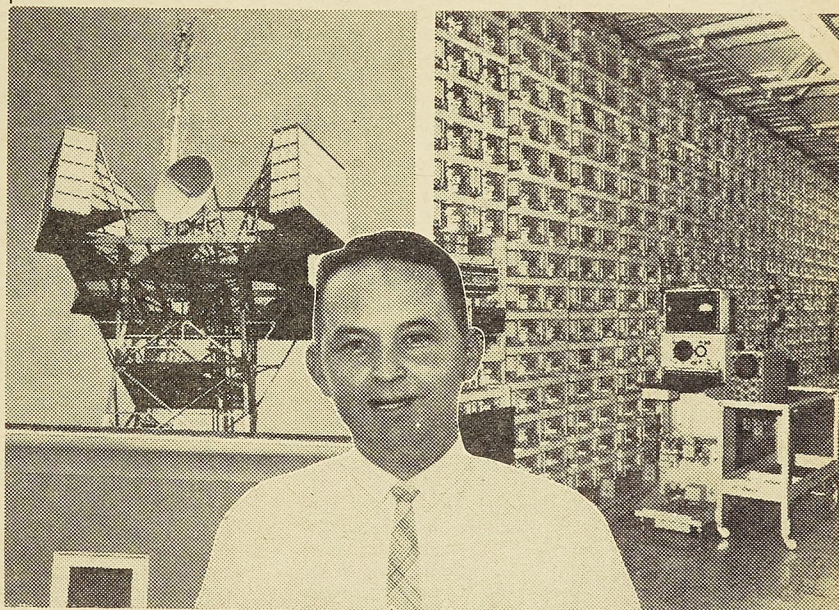
One of the countless days of the future
Will know this to be true.
One day it will come.
But I know that it will not come
This day of today.

NOBEL MEN ABOUT THE TOWN
AS SEEN BY JOE MINER . . .



KRIEGER'S CHARACTURES # 1

A Campus-to-Career Case History



Engineering of microwave relay and carrier systems keeps Bryan Clinton's job interesting and challenging.

"I got the engineering career I wanted ...and right in my own home state"

In 1955, William Bryan Clinton, Jr., got his B.S. in Mechanical Engineering at Clemson College. Now Bryan's with Southern Bell Telephone and Telegraph Company at Columbia, South Carolina. He's doing specific planning of long distance communications projects involving cable carrier facilities and microwave radio relay systems.

Bryan chose a career with Southern Bell over several other offers. "There were three things that were most important to me," he says. "First, I wanted to go with an established, growing company where I could grow, too. Second, I wanted thorough basic training to get started off right, plus participation in development programs to keep me moving ahead. And, third, I wanted to stay in the South."

After 15 months of on-the-job training in various phases of company operations, Bryan was assigned to the Engineering Department at Columbia, S. C. His work with carrier systems and microwave radio projects has involved him directly in the growth of the company. And he's broadened his experience through development courses in management, general engineering, engineering economy, and microwave relay systems.

"I know I'm with a fast-growing company and I feel I'm really participating in its growth," Bryan says. "What's more, I'm getting the training I need to keep me abreast of new communications developments and take better advantage of advancement opportunities when they come along."

Bryan Clinton earned a B.S. degree in Mechanical Engineering. He's one of many young college men pursuing rewarding careers with the Bell Telephone Companies. Find out about opportunities for you. Talk with the Bell interviewer when he visits your campus—and read the Bell Telephone booklet on file in your Placement Office.



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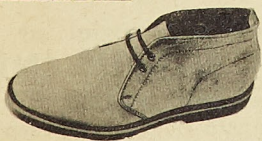
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Campus News

Famous Sports Car Racing Alumni Visit Triangle

Events concerning the personnel of the "Old Rock House" occurred at a rapid pace last week. It seems like almost everything possible happened at one time or the other.

Field and interview trips separated two of our most illustrious brothers from our peaceful home. Ollie E. "High School" Harris was summoned to Evansville, Ind., for the purpose of an interview, and Gary "Love at First Sight" Baumgartner attended the regional meeting of "S. I. U. Out-of-Town Co-ed Lovers" organization at Carbondale, Ill.

Digger "Crash-Bar" Gregon initiated himself into the elite club of car decorators and designers during a brief encounter Sunday morning. At the present time he is highly interested in purchasing a slightly used auto door. He will be entered upon the list with such famous members as J. E. "Private Hogeyes" Johnson and "Moon" Rogenski.

A great mystery shrouds our house at the present time. It seems that at the last L. M. I. (Lunch Meat Inspection) executed by our famous steward, B. Kane, four slices had disappeared completely upsetting our carefully planned menu. We are all expecting another raise in our house bill because of this.

Our highly intellectual mouth-

piece, J. J. Mahoney, has decided to journey to Waynesville for the purpose of getting a tattoo. He has chosen one of a rectal design, which he will have placed around his neck, giving a true picture of his physical appearance.

We were honored by a visit from our famous sports car racing alumni, Johnny Max Autenrieb, over the weekend. He had his 1927 Ford pickup truck entered in the feature race at Vichy. However, due to mechanical difficulties, he was unable to compete. We are all deeply regretful about this, because we were very sure of his ability to be the victor.

"Buffalo" Keeley again showed our house his great ability of female gathering. Keeley, assisted by Don Mega, and Ron "I'm Gonna Be a Wheel Someday" Romano, appeared with a fine assortment of Granite City females and attended several of the fraternity parties that were being held. We are glad to know that "Shaft" is still a blazing Romeo.

We are not sure, but we have a few clues pointing to the possibility that Brothers Gregson and Sidwell have something in common. We would be very happy to see this turn in to an everlasting affair.

Well, that just about ends the news for this time, so, until next week, adios.

Teke Football Game Is Rained Out Twice

The past week has been quite eventful for the Tekes. After having a football game with Theta Xi rained out twice, it was finally played Wednesday. The victory went to T. K. E. by a score of 54 to 13. This put new hope in the team and they came back the next night to beat Shamrock 27 to 14. Our record now stands at 3 wins and 1 loss. Some of the linemen wanted to show the backs how to score touchdowns so our center grabbed the ball and in his Jim Thorpe style racked up two T. D.'s. This brought the total number of points in his college career to twelve. Get any offers from the Big Ten "Murph"? Seriously, everyone played a real fine game.

The pledges had a nice week learning the trials and had begun to take shape when tragedy struck in the form of H₂O. Not the kind from the sky, the kind from hoses and buckets. No one thought of moving them while a little water war was going on between the actives and pledges. Everything did get finished and the party started off with a bang—no, I mean with a boom.

The fun started Friday night with a hayride. Johnny Dark Schwarze did a fine job of driving a tractor for the first time. He wasn't on the road too often but when he was he did real good. I wonder what Gene's excuse was for driving in the ditches. A wien-roast climaxed the evening.

Then came Saturday night. Live music added to the festivities and many people were actually dancing (sometimes). The T. K. E. boys choir kept things lively in the chow hall. I think everyone will admit they had a great time.

ARS Holds First Fall Meeting Oct. 7th

The American Rocket Society held its first meeting in Parker Hall Auditorium on Wednesday, October 7.

The program was presented by William E. Barnes, demonstration engineer for the Southwestern Bell Telephone Company. The program was entitled, "The Telephone Industry in National Defense." This program gave an insight to the role that one of our most important peacetime industries plays in the important program of national defense.

The program was highlighted by a demonstration of the Vanguard satellite. An actual working model of the satellite was on hand for this part of the program. Mr. Barnes talked about the Nike and other types of missiles that have some of their working parts supplied by Bell Telephone Company. The part that Bell Telephone plays in maintaining and supplying equipment for the DEW line and other early warning lines of radar defense was explained.

Mr. Barnes was accompanied by Mr. W. J. Van Nice, the Area Employment Supervisor for Southwestern Bell.

The attendance was very good for this first meeting of the A.R.S. A total of 228 students were present along with 7 members of the M. E. staff.

The A.R.S. will hold its next meeting in November. The exact time has not been set. It is expected that movies will be shown at this meeting.

Anyone desiring to join the A.R.E. before this time can obtain membership blanks from the faculty advisors, Mr. Harry Sauer (M.E.) or Mr. James Smith (E.E.). A student membership costs \$5 per year.

Sig Ep Racks Up Two More Tough Victories

Last week Sig Ep racked up two more football victories. They slipped past the Prospectors 26 to 22 on Tuesday night in a rather close game. Then on Friday night came Sig Ep's game of the season, the game with Triangle. Sig Ep, after getting off to a slow start, won out over Triangle 28 to 14 in a hard and crucial battle. Sig Ep still has to play TEG and Theta Xi before the playoffs. These two teams are all that remain between Sig Ep and an undefeated season.

After the victory on Friday night, Sig Ep's party week end began in reality. The occasion was the annual Pledge Party, put on by the Pledge Class of Fall '59.

The party weekend began with a beatnik party, which was highlighted by the great soothsayer, Jerry Swank. Jerry read poems in the "Cool Cool Cave" and was accompanied by George Kreiger's bongo drums. The house was decorated with prime examples of "beat" art and sayings.

Later Saturday, came a more formal party featuring a skit by the pledges. This skit mimicked the actives of the chapter and some of their outstanding traits. Just before this however, the president of Sig Ep, Mike Swoboda, made the announcement about the recent "pinning" of three of Sig Ep's members. Everyone there, then joined in the singing of the Sweetheart song to these three couples.

During the pledge party there was dancing and singing, with everyone sharing in the merriment.

On the next day, Sunday, the members and their dates were served dinner at the house. During the afternoon most of the girls left to go back home or back to school, leaving us to the bleak existence of college life at MSM.

Forty Young Ladies Visit Phi Kap House

The pledge dance was quite a success, with about forty young ladies attending. Many of the alumni were also on hand and contributed much to the bird-dogging and party atmosphere as well as bringing some more dates to Rolla. The freshmen did a fine job on the display outside the house this week and if they're good I'm sure the sophomores will let them help on the St. Pat's float next semester (snicker).

Our mighty football team rolled to a victory over Pi Kappa Alpha last Monday while BSU forfeited their game on the following Thursday.

With Parents Day expected to bring many visitors to the PKT house, the cleaning and polishing has been going strong. We sincerely hope the parents and visitors have an interesting weekend.

A special thanks from everyone to the Fathers Club which recently gave us some athletic uniforms for our intramural endeavors.

Beta Sig Anxiously Awaits Homecoming

Another week of the grind has passed. It was a rather uneventful week for the Beta Sigs.

With Homecoming less than a month away, the members are anxious to move to the new quarters. It would be a crime to miss Homecoming with all of its gaiety. We were unable to invite our parents to our house because of lack of facilities. We are, however, planning to invite them to Rolla at a later date.

It was good to find out last week that we have a replacement for Walt in the heartbreak department. Big Dave has put all of his efforts into filling the position. Let's hope he can hold up under the strain.

The members would like to extend their congratulations to Ralph Luebke and Marilyn Hoffman who were married last Saturday in Overland. Ralph is an alumni of Beta Sig. We wish them the best life has to offer.

We close this article with a hearty "WELCOME PARENTS" one and all.

Sigma Tau Flocks to Columbia for a Rest

Things around the house were pretty slow this weekend with several of the brothers making that familiar sojourn to Columbia, and others taking off for parts unknown.

Well another poor, unsuspecting soul has come trotting back to the house without his pin. Brother Zorumski seems to have lost his. What are the rest of the "club" members saying about this, Ski?

Our football team lost a hard one to the Engineers Club last week by a score of 13-6. Let's get in there and win that one next week team.

The cleanup campaign that started in the annex is spreading to the rest of the house. Brother Pfeffercorn has gone wild with black and white speckled paint. Even the TV is now black with white specks. Keep him away from that paint or we're liable to have the outside of the house done in black and white.

JOKES

Fraternity Active: "Give me a match, Bill."

Fraternity Pledge: "Here it is."

Fraternity Active: "Well, can you beat that? I've forgotten my cigarettes."

Fraternity Pledge: "S'too bad; give me back my match."

The decision to discard a comfortable pair of old shoes or a beaten-up hat is a tough one for a man to make.

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Acacia Recuperates From Rough Time in Football

It is all agreed that the weekend two weeks ago was beyond compare. Jester and Benz have been shown the light after being in the fog for a couple of hours. Bubbles and his collection of bawdy house and barroom songs stole the show as the guests downed cider and chips. The big fireplace was very cozy for Juan Shuremeyer and his friend who claimed they were roasting marshmallows.

A "Great Gob of Green Moving Van" still haunts the dreams of Donaldson and Church, who managed to be hit by one on their way back to Lindenwood on Sunday night.

The past two weeks have seen the Acacia football team trodden over twice but experience is catching up with them as can be seen from the outcome of the clash with Delta Sig. Our gladiators are recuperating slowly and should be at full strength for the coming week. Grunts and groans may still be heard from the third floor where Crow has been perched for almost a week with injuries sustained in recent football games.

Blue Key Directory Sports New Additions

This year's Blue Key Directory will contain several new additions. The new directory will have hardier, better-finished front and back sheets. The size of the book this year is much smaller, approximating that of the local telephone directory.

The Blue Key organization has compiled the names, addresses, and phone numbers of all students during the last month. The directories are in the printing stage now and will be out for distribution around October 24.

This is but one of the many services Blue Key provides on this campus.

Capt. McGinnis New P.R. Co. Advisor

At the first meeting of the year, held October 1, the PR's elected the following men to staff positions: Executive Officer, Robert Schuler; S-1, John Kinder. The other members of staff elected last semester and their positions are: Company Commander, Maurice Gaede; S-2, Echol Cook; S-3, Jerry Church; S-4, Lonnie Harvey; and PIO, Gil McKean.

The company welcomes Capt. McGinnis as it's new advisor.

The drill team has started practicing and is looking forward to performing for the public. The PR cannon is nearing completion and will probably be unveiled Parent's Day.

Tech Club Hampered By Missing Members

All members should have been there last Friday night when we fell to the powerful sway of Kappa Sig's nine. Perhaps if we had it would have been a different story. Really you should have been there to see some of the finest that intramural football has to offer, such as special weaving plays, quarterback sneaks from goal to goal, loaded benches, rough lines,

Last weekend while our officers journeyed to Warrensburg for a get-together with the officers of the Warrensburg Chapter, the little man, with a tiny tinfoil hat, Drach, very capably with the aid of Hitchcock, Monk, and Beast painted the kitchen in preparation for Parents Day, tomorrow. The storm windows were also installed by a group of industrious men during the weekend.

By the way of the party-line it is rumored that William Shuremeyer is going to publish his memoirs entitled "The Life and Legend of Juan Shuremeyer," to be published by McKean Publishers of Rolla. The introduction is to be written by our topsy-turvy friend, known to all as Bubbles. Dodson's Raiders led an assault on the ranch of Juan Shuremeyer and now a new record is to be pressed by Juan called, "Baby it's cold in there or who put the ice water in the bathtub?"

We would like to take this chance to welcome all of our parents who are able to be with us this weekend. 10-4.

and cooperation.

During the week end Don Henderson, past business manager, and Mike Swoboda, track star, visited with us. Next time they come here maybe we can report more favorably about our victories.

Campus Evangelism Week Begins Oct. 18

The Baptist Student Union begins its Campus Evangelism Week on Sunday, October 18. A student team will be here through Wednesday, the 21st, with local B.S.U.ers concluding the week.

Mr. Bill Pearce, past President of the Baptist Student Union of Oklahoma University, will be on the team. He is a native Oklahoman with Cleveland, Oklahoma as his home town. Bill was a B.S.U. summer missionary to Illinois in 1957 and has just enrolled in Midwestern Baptist Theological Seminary at Kansas City.

Also on the team will be the present Baptist Student Union President from Oklahoma University, Gerald Wilkins. He is a senior business major.

The purpose of this week of campus evangelism emphasis will be to train in soul-winning and visitation. This will be done through a series of clinics during the regular Vespers time at 6:00 p.m. Monday through Friday, and practical demonstrations and experience in visiting at free times during the week. Regularly scheduled Baptist Student Union activities are held in the basement of the Rolla Clinic at 10th and State.

All students, Baptist and others are invited to participate in this weeks activities and all others of the B.S.U. team members will be speaking in the local Baptist Churches on Sunday and Wednesday evening, October 18 and 21. The Campus Evangelism Week Team is under the sponsorship of

the Student Department of the Southern Baptist Convention and will also conduct similar emphasis at Warrensburg, Springfield and St. Louis.

Math Gems

Problem No. 3: Find the number of cannonballs in a rectangular pile which has 600 balls in the lowest course and 11 in the top row.

Problem No. 4: Given the following expression where m is not known and t is the third digit of a six-digit number, solve for t by inspection. $(3(230+m))^2 = 492t-04$.

Problem No. 5: Two men were born at the same moment and died at the same instant. Yet one was a hundred days older than the other. How can this be accounted for?

Problem No. 6: A customer goes into a drugstore, orders a 5c glass of Coca-Cola, and puts down a dollar bill in payment. The druggist says, "I cannot change it." Whereupon the customer replied, "I'm sorry but the only other money I have is a five-dollar bill." "That's all right," replies the druggist. "I can change that," as he hands the customer \$4.95 in change! If he could not change the \$1 bill, how could he change the \$5 bill?

Problem No. 7: How many cubic inches of dirt are in a hole the dimensions of which are one foot; that is, a cubic foot?

Answer to Problem No. 2: $58\frac{1}{3}$ rods of sand, $61\frac{2}{3}$ rods of clay, and 120 rods of rock.

(From Mathematical Nuts)

PiKA Convention

(Continued from Page 1)

delivered the main address, "Impressions of Pi Kappa Alpha by an Ivy Leaguer." Dr. Eppelsheimer received his Doctor of Science degree from Harvard in 1935 and was appointed to the Missouri School of Mines faculty in 1947. Alpha-Kappa chapter of Pi Kappa Alpha initiated Dr. Eppelsheimer into the brotherhood in 1950. He has been very active in the fraternity since that time.

Serving as Master of Ceremonies, Robert V. Wolf, faculty advisor of the local chapter presented candelabras to the visiting chapters as souvenirs of the convention. Alpha-Omega from Kansas State University received the trophy for the most man-miles traveled to the convention, with a total of over ten thousand. The convention was formally adjourned at the close of the banquet.

The brothers of Pi Kappa Alpha will assemble again in August of 1960 at the Deauville Hotel in Miami Beach, Florida, for a National Convention.

JOKES

Math Prof.: "If there are 48 states in the Union, and superheated steam equals the distance from Bombay to Paris, what is my age?"

Frosh: "Forty-four, Sir."

Prof. "Correct. How did you prove it?"

Frosh: "I have a brother who is 22 and he is only half nuts."

RESEARCH ENGINEERS:

THE MEN BEHIND THE HEADLINES

NAA's ON-CAMPUS INTERVIEWS OCTOBER 30



EARLY EVERY DAY you read of another advance in science... whether it's a space vehicle streaking toward Venus or a submarine gliding beneath the polar ice.

These are the events that make headlines... but even as they are announced to the world, engineers and scientists are planning new and greater achievements—and research shows them the way.

Scientific research always has had an important role at North American Aviation. Today, research projects are underway at more than 185 laboratories in the six North American divisions. They encompass the full scope of modern science.

Is air stiffer than steel?

Not all research has the headline appeal of a space ship or nuclear power. For example, research engineers at the Autonetics Division, which designs and manufactures space-age navigation systems, found new and different ways of building rotating bearings... and found that air is stiffer than steel for some purposes. Improved gyroscopes and magnetic recordings were important results of this research.

A cigarette's place in research

Even the ordinary cigarette has a role in scientific research. Scientists at the Aero-Space Laboratories, an organization within North American's Missile Division, use a burning cigarette in a still room to illustrate the difference between laminar flow and turbulence in the boundary layer, the very thin air space that lies along the outer skin of an aircraft or missile. This research is part of a program to find ways to protect missiles, satellites and space ships from burning when they re-enter the earth's atmosphere.

Toward the conquest of Space

The Rocketdyne Division has designed and built the bulk of today's operating hardware in the high-thrust rocket field. Explorer I, America's first satellite, was boosted into orbit by a Rocketdyne engine... and three-fourths of the power for Able IV-Atlas—man's first attempt to reach toward another planet—comes from liquid-propellant engines designed and built by Rocketdyne. Researchers at Rocketdyne delve into

the chemistry of propellants, the physics of engine components and what happens within them, ignition of fuels, combustion of fuels, and the transfer of heat.

2,000 mph manned weapon systems

The Los Angeles Division is the home of next-generation manned weapon systems—the Mach 3 B-70 Valkyrie and F-108 Rapier—and America's first manned space vehicle, the X-15. Research engineers in this division investigate manufacturing techniques, conduct studies in aerodynamics, materials and processes, and thermodynamics. They also work with physiologists, biotechnologists, biophysicists, and psychologists to solve design problems concerning human capabilities and limitations that arise from modern weapons and research systems.

Building better Navy aircraft

Analysis of aircraft carrier operation is a major research project at the Columbus Division. This division designed and built the Navy's T2J Buckeye jet trainer and the Navy's supersonic, all-weather A3J Vigilante. Research activities are diverse here—from how to illuminate an aircraft cockpit to developing unmanned vehicles and systems to perform within the earth's atmosphere.

Developing the peaceful atom

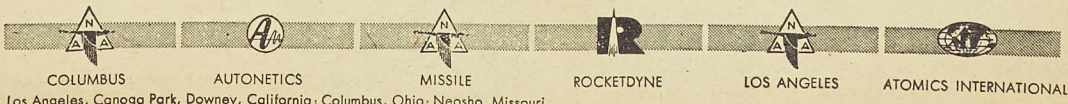
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Miners Beat Mules with Second Half Comeback, 34-20

When a football recruiter is out searching for prospective talent, one of the most important on his form sheet along with speed, size, and strength of the player is desire or will to win. Last Friday night, the Miners would have been given an "A" on everyone's form sheet in the 'will to win' department as they came roaring back from a 13-6 halftime deficit to win 34 to 20 over a pesky Warrensburg squad.

The Miners had a tough time gaining their first conference win of the season, as before the first half was well under way the Miners were on the short side of a 13-0 score. The Mules touchdown drives were made up largely of end sweeps by halfback Jerry Boyce, and Coons to Boyce aials.

The Miners made the score read 13-7 with just two minutes remaining in the first half, when Bill Wheeler hit Tom Cooper with a low pass in the end zone. Pat O'Mealy's kick split the uprights for the extra point. The Mules were unable to score in the remaining seconds and the score at halftime saw the Mules ahead 13-7.

In the second half, however, a charged up Miner squad took the field, and as an omen of things to come, Tom Cooper raced the opening kick-off 47 yards to the Mules 11 yard line. From that point a patented Wheeler to Cooper pass play on fourth down tied the score 13 all. O'Mealy's kick was good, and the Miners led 14-13.

The Mules, before the home crowd, were not to be denied, how-

ever, as they quickly bounced back with a touchdown of their own following the Miner tally. The Mule drive was culminated by a 22 yard pass from Coons to Johnson. The kick was good and the Mules led 20-14. From that point the Miner defense tightened up and the Mules had scored their last touchdown.

The Miners tied the score at the end of the third quarter when Craig Meier slipped through the Mule line and blocked a quick kick, with the loose ball being snapped up by lineman Allen Early who went over for a TD. Pat O'Mealy's kick went astray and the score was tied 20 all going into the fourth quarter.

The Miners went ahead for good in the first two minutes of the fourth quarter when Pat O'Mealy returned a punt 59 yards to the mule 6 yard line. From the six, Wiegard went up the middle for the touchdown. O'Mealy's kick was off and the Miners led 26-20.

The Miners iced the game up later in the fourth quarter when Wiegard plugged over from the four yard line for the TD. Sophomore fullback, Wiegard, then added two more points to the score by going around end making the score 34-20. Wiegard's plunge polished off a 46 yard paydirt march which was highlighted by some fine running by O'Mealy, Wiegard, and Cooper, and some tough play in the line.

From that point the Miners staved off a Mule threat, and used up the clock themselves to gain a hard earned 34-20 victory.

MSM, Cape, Kirksville Take Conference Wins

The season is now off in full swing with the beginning of conference action producing some exciting games. To Cape, Kirksville, and the Miners go the weeks honors, with the latter two teams finding victory by almost identical scores.

The Cape Girardeau Indians had a field day, trouncing Maryville 43-12. The half time score was a decisive 30-6, with the second half advantage only 13-6. Six Indians came through to score, Ken Weakley accomplishing the feat twice. Although it may have been a tough beginning for Maryville, it gives a clear picture of what our own Miners are in for tomorrow. The men from Cape have won the conference title three years out of the last four and are undefeated in M.I.A.A. play for a year. Although they have won only one of their three pre-season games, they have possibly the toughest team in our conference, as the Maryville squad learned last weekend.

Warrensburg, with almost all of last season's team returning, looked dangerous during the first half of last Saturday's game with the Miners, but fell hard in the second and third quarters to lose 34-20. They went safely through the first half with a 13-7 score. Jerry Boyce scored twice for Warrensburg to give them an encouraging 13-0 lead, but Tom Cooper came through with two successive Miner tallies to even up the score in the third quarter. A crushing 27-7 point advantage by the Miners during the second half was the deciding factor. Now that we are

safely past them, and remembering their first half lead and pre-season record, let's hope that they do plenty of damage to the other conference contenders. A nice upset victory over the Cape Girardeau would do nicely.

Kirksville almost duplicated the MSM-Warrensburg score by clipping Springfield 33-20. The Bears suffered the season's most decisive reverse when they permitted Kirksville to roll up four touchdowns in the last quarter of play. Springfield lost their last hope when a Kirksville pass interception cost them possession of the ball on the enemy twelve yard line. Mills of Kirksville promptly ran out the game-clinching touchdown by sprinting eighty-two yards to paydirt.

Cape comes to Rolla to face the Miner squad in the Parents Day game, so a win for us might well be the deciding factor in the race for the championship. At the present time, Kirksville, MSM, and Cape are in a three-way ties for first, but Kirksville stands strong to win tonight and move into first place. Even if they do whip Warrensburg, however, the winner of tomorrow's game here will move back into the tie. That will cut it to only two. The conference teams as a whole sported a pre-season record of five games above .500 against outside opposition - the first time it happened in a long, long time. This is a sign of how tough the teams are. Let's watch closely for new developments (and possible upsets) and go cheer the Miners to victory tomorrow.

MSM Meets SMS on Jackling Field In Annual Game of Parent's Day

On Saturday afternoon, October 17, at 2:00, MSM will meet Southeast Missouri State College on Jackling field for the Parent's Day football game.

The Cape Girardeau Indians, the defending M.I.A.A. champions have won the conference for three of the last four years. They beat the Miners last year 19-7 and have won six conference games in a row.

They have a record this season of 2-2 against MSM's 3-1, but their losses were to Western Kentucky and Hillsdale, Michigan, both of whom are rated among the top ten small colleges in the country.

The Indians use four different teams, each playing some defense and some offense. In the Maryville game, which Cape won 43-12, all four teams played. Holding the record this year in yardage gained on the ground, they depend on speed in the backfield and an extremely fast defense. The two games they lost were played on muddy field, where their speed was of no help to them. With 22 of 30 lettermen returning this year had a line averaging 196 pounds, Cape is the team to beat this year.

Players to watch are halfbacks Ken Weakley, a senior, and Jerry O'Connor, a junior, two hard-running men in the Indians' offense. Nichols, the senior quarterback, was injured last week but is expected to be back in uniform for tomorrow's game. Cape's entire threat does not come from the upperclassmen, however, because sophomores Lane, a fullback, and Chronister, a quarterback, have both been playing a lot in the games and turning out fine football.

O'Mealy Sparks Miner Squad

Pat O'Mealy, who is one of the many reasons why MSM has had and will continue to have a good football season this year, has played the role of starting left halfback for the better part of the 1958 season and all of the 1959 season. Last season's totals found Pat second in pass interceptions, second in punt returns, third in yards gained rushing, third in passes caught, and third in scoring. All of his thirds were behind senior Parker and junior Cooper, who see-sawed for the honors in all the fields mentioned.

Reminiscing over the season, Pat, a 20 year old 5'8", 170 pound Civil Engineering major, recalls the last week's game with Warrensburg as the most exciting game of the year. In the Warrensburg game Pat added to the Miner cause by setting up a TD with a 54 yard punt return. Also high in the memories of the MSM fans is his 63 yard touch down at last year's Warrensburg game and his field goal last year which beat Pittsburg in the final 53 seconds of the game.

Pat, whose hometown is now Springfield, Missouri, gained his high school education at Sedalia and Marshall, Missouri. While at Marshall High School he lettered two years in football, track, and basketball. During Pat's senior and junior year at Marshall he played halfback on the football team, guard on the basketball team, and ran the 440, put the shot and threw the javelin on the track team.

Holding MSM letters in track



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TOUCH DOWNS by TOM DUNN

This week's prediction: Cape vs. MSM - score 15-14 in favor of the Miners (see preview).

Wiegard (No. 19), Deranja's replacement at the Warrensburg game, scored two TDs and ran up his yardage total to take over first place in the MIAA conference for yards gained per try.

Pat O'Mealy (No. 15), who has contributed much to the scoring ability of the Miners, returned a punt last Friday some 54 yards before being stopped by a Warrensburg player. (see interview and game story).

Wheeler, (No. 12), has been handicapped in his passing ability by a swollen hand caused by an injury occurring earlier during this season.

"M" Club - The letterman's club on campus is the "M" Club and as a campus organization it has several objectives which it tries to accomplish, among these are (1) To raise the sportsmanship of MSM, (2) To encourage

participation in sports, and, (3) To lend assistance in any athletic contest when called on.

To qualify for the "M" Club one must win an "M" in a major intercollegiate sport (football, basketball, track, swimming, golf, tennis, and cross country) at MSM and be chosen by a majority of the "M" Club.

At present the "M" Club is composed of 62 members and has for its faculty Nick Barre. The money that the "M" Club makes from selling soda at the football, basketball and track contests is used to pay for club sponsored "outings".

Each year in the spring the "M" Club sponsors a Banquet. They hold their initiation for new members after the football season and after the Basketball season.

Don't forget to cheer tomorrow with the cheerleaders, and root the Miners over the toughest battle they will have this season.

Intramurals

CROSS COUNTRY—This afternoon at 5 p.m. the annual intramural Cross Country event will take place. This race will be held on the cross country track which circles the golf course and intramural fields. Approximately twenty organizations will take part in this event with each organization entered having a team of two runners. Both runners must finish the race if the organization is to receive any intramural points. Points are given out to each person who finishes the race in the following way. One point for first, two points for second, three points for third etc. The team with the least amount of points wins first place. Last year's first place award went to Lambda Chi Alpha although Mike Hardy of Kappa Sig was the first to finish the race.

FOOTBALL—Intramural football is now nearing a close with a number of important games having been played this past week. As of the beginning of the week

the standings were as follows:

LEAGUE I—Sig Ep leads with no losses and TKE and Triangle each with one loss. The championship, here, depended on the result of last Tuesday outcome of the TKE-Sig Ep game. If Sig Ep won that game they are top in that league. If TKE won there would be a three way tie for first place.

LEAGUE II—Kappa Sig, the Tech Club and the Engineers Club were still running a close first as this paper went to press.

LEAGUE III—Lambda Chi and Sigma Nu are leading their league as their respective records were 4 and 3-1 at the beginning of the week. Unless there were ties, the results of this past week will probably have determined the league champions. The league playoffs will begin soon so here's hoping the best team wins.

TABLE TENNIS SINGLES—The unbeaten click of the ball and paddle jocks is constantly growing smaller. As of last week only the Phi Kappa Theta, the BSU, the Shamrock, the Kappa Sig and the Tech Club entrants were left unbeaten.

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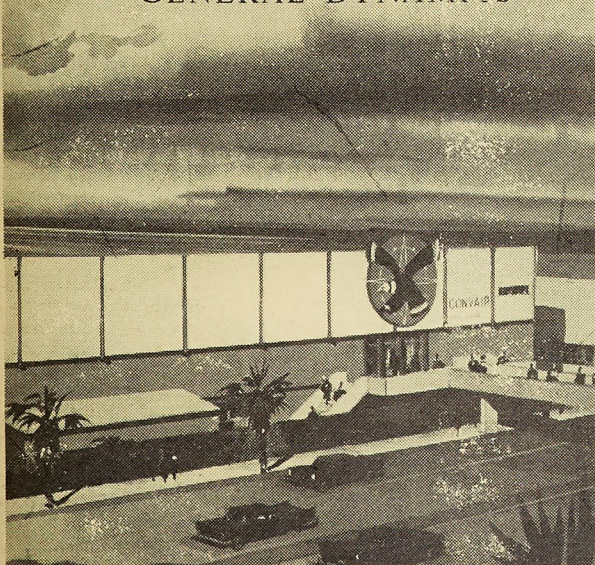
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INTERVIEWS AT MISSOURI SCHOOL OF MINES
WEDNESDAY, OCTOBER 21

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GENERAL DYNAMICS

Parent's Day

(Continued from Page 1)

departments and points of interest to the parents. Students who have Saturday classes can also arrange to meet parents in the auditorium as classes are completed. A Guide-Information booth will be established in front of Parker Hall for the benefit of parents desiring to tour the campus and whose sons are not available. Individual parents and small groups will be conducted from the Guide-Information booth to the department in which their son or daughter is majoring. Each department of instruction will furnish

guides to conduct visitors through their respective department. The length of the tour in a department is not restricted. Visitors can therefore spend as much time as desired at each point of interest.

Professor Skitek stated that all students and guides should see to it that all parents register in the lobby of Parker Hall before they begin any campus tours.

"I took that pretty girl from the store home the other night, and stole a kiss."

"What did she say?"

"Will that be all?"

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Many talents are needed by Dowell to maintain its leadership. *Engineers—mechanical and petroleum—* tailor well treatments from Dowell's combination of services and products. *Chemists* broaden industry know-how and offer laboratory support to field operations. *Accounting and management* personnel support the vital business structure of an aggressive company. *Sales representatives* carry the message of Dowell's abilities to the petroleum industry.

Dowell places no limits on your future. In addition to serving the oil industry, Dowell provides chemical cleaning service to industry including the missile and rocket programs. Variety such as this helps assure your continuing growth.

The challenge Dowell offers you is worthy of your consideration. For full information, write Employment Manager, Dowell, Box 536, Tulsa 1, Oklahoma. Or contact your school Placement Officer.

DOWELL

DIVISION OF THE DOW CHEMICAL COMPANY



Voice (over telephone): "Hello. This is Judge Babington Peterson McFeathersen the third. Will you please tell my son, Cravenwood Rutherford McFeathersen the Fourth, that I would like to speak to him?"

Frosh: "Hey, Mac, your old man wants to speak to you."

UPTOWN THEATRE

MOVIES IN CINEMASCOPE

Friday and Saturday, Oct. 16-17

'The Oregon Trail'

Fred MacMurry, Nina Shipman

Sunday and Monday, Oct. 18-19

'A Private's Affair'

Sal Mineo and Christine Carens

Wednesday-Thursday, Oct. 21-22

'Al Capone'

Rod Steiger and Fay Spain

RITZ THEATRE

MOVIES ON WIDE SCREEN

Friday and Saturday, Oct. 16-17

'Hell's Island'

John Payne and Mary Murphy

— PLUS —

'Thunder in the Sun'

Susan Hayward, Jeff Chandler

Sunday and Monday, Oct. 18-19

'The Buccaneer'

Yul Brynner and Charlton Heston

— PLUS —

'Wyoming Renegades'

Phil Carey and Martha Hyer

Tuesday, Wednesday, Thursday

Oct. 20-21-22

'Gigi'

Maurice Chevalier, Leslie Caron

ROLLA DRIVE IN

SHOW STARTS AT 7:00 P. M.

Friday and Saturday, Oct. 16-17

'1984'

Edmond O'Brien, Michael Redgrave and Jan Sterling

— PLUS —

'Quantrill's Raiders'

Steve Cochran, Diane Brewster

Sunday and Monday, Oct. 18-19

'How to Marry A Millionaire'

Marilyn Monroe, Betty Grable and Lauren Bacall

— PLUS —

'Hot Blood'

Jane Russell and Cornel Wilde

Tuesday, Oct. 20

DOLLAR NIGHT

Daughter of Dr. Jekyll

John Agar and Gloria Talbott

— PLUS —

'Cyclops'

James Craig and Gloria Talbott

Wednesday-Thursday, Oct. 21-22

'Knights of The Round Table'

Robert Taylor, Ava Gardner and Mel Ferrer

— PLUS —

'The Killing'

Sterling Hayden, Coleen Gray