



24 Oct 1958

The Missouri Miner, October 24, 1958

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The MISSOURI MINER

NUMBER 6

VOLUME 45

ROLLA, MO., FRIDAY, OCTOBER 24, 1958

WELCOME FOLKS TO MSM CAMPUS

Celebration to Include Parade, Open House, and New Dormitory Dedication

This Saturday, October 25, is a day that has been awaited by the MSM faculty and student body. It differs from the other Saturdays in that our campus

will begin for the parents. Between 8 and 10 o'clock it will be possible to tour the various departments. There will be no guided tours but the staffs of all the

reviewing stand in front of the post office and to 12th Street where they will be dismissed. The cadets will be accompanied by the ROTC band and the Pershing Rifle drill team. This will be the climax to the first semester drill periods and will be the biggest event for the military this semester, except for the Military Ball. The athletic department has

(Continued on Page 11)



will be visited by many of the parents of our student body. These parents will be able to catch a glimpse of their son in his role as a college student. Approximately 1000 parents will participate in the activities this year. Most of these parents will be here for the first time but there will also be many repeating their visits made in earlier years.

The schedule for the 1958 Parents' Day is similar to those in previous years, but there are two things added that will be of definite interest. These are the dedication of the new dormitories and the military parade. At 8 o'clock Saturday morning, registration

departments will be on hand to greet the parents and show their points of interest. All of the laboratories will be open for inspection.

At 10 o'clock the new dormitories will be dedicated. Parents are urged to be on hand to witness this ceremony and to tour these new facilities.

At 11 o'clock the first Parents' Day parade will be sponsored by the MSM-ROTC department. The biggest engineer regiment in the U. S. will form at Rolla and 12th Streets. They will march south on Rolla to 6th Street, then turn and proceed to Pine. From there they will march north past

Honors to Eta Kappa Nu

Gamma Theta of Eta Kappa Nu, M. S. M.'s chapter of the electrical engineering honorary fraternity, has received top national honors for its activities during the 1957-58 school year. Each year the New York Alumni Chapter of HKN awards a silver plaque to the collegiate chapter judged to be the most outstanding on the basis of its activities. A Jury of Award selects the winner after studying the annual activities reports sent in by competing chapters across the nation.

This year the coveted silver plaque will be presented to Gamma Theta at the hands of Professor P. K. Hudson, University of Illinois, executive Secretary of Eta Kappa Nu. The presentation will be made at the Fall Pledge Banquet November 15.

The history of Gamma Theta is remarkable from the standpoint of awards received during its relatively brief existence on the M.S.M. Campus. Professors Skitek and Nolte were instrumental in the organization of the chapter in April of 1952. Among the charter members were Professor I. H. Lovett, Chairman of the Electrical Engineering Department, and Professor Skitek and

Donald G. Bardon, now members of the Department Staff. Professors Nolte and Skitek served as Faculty Advisors during the organizational period. Professor Skitek was the Advisor from 1952 to 1953, and from 1954 to 1956; Professor Nolte serving in the intervening year, 1953-54. Professor Freeman was the Advisor for the year 1956-57. The present Faculty Advisor, Professor McPherson, has served since the fall of 1957. The energy and resource-

(Continued on Page 10)

Explosive Symposium

The fourth annual Symposium on Mining Research will be held here at MSM November 13, 14 and 15. According to Dr. G. B. Clark, Chairman of the Department of Mining Engineering, this year's theme is concerned with explosives. The major topic will be Ammonium Nitrate-Fuel Oil Compositions, which are relatively new to the field of explosives.

The symposium has attained nation-wide prominence. It was started in 1955 when H. M. Smith of the Bureau of Mines at Bartterville, asked the School of

(Continued on Page 9)

Col. Sowers to Dedicate New Dorm

Hoorah! The first of many new structures in progress on the MSM campus has been completed. Three new dormitories: Altman, McAnerney, and Farrar Halls, and one new cafeteria, Rayl Hall have been put into use for the first time this fall. The buildings will be christened dur-

(Continued on Page 10)

Dean Wilson Announces Scholarships Awarded to Paint Chemistry Students

Dr. Curtis L. Wilson, Dean, Missouri School of Mines and Metallurgy, has announced three new \$400 scholarships sponsored

Recipients of the 1958-59 awards are: (1) Melvin J. McCubbin, son of Mr. and Mrs. Mason M. McCubbin, Spring-

Kappa Alpha, Alpha Chi Sigma. American Institute of Chemical Engineers, and Interfraternity Council. (3) Hugh W. Hasel-



Announcement of recipients of three \$400 Ernest T. Trigg Foundation Scholarships has been made by Dr. Curtis L. Wilson, Dean (right) to three outstanding seniors in chemical engineering enrolled in Protective Coating Courses, Thomas J. Meyer (left), Hugh W. Haseltine, Jr. (third from right), and Melvin J. McCubbin (third from right). Dr. Wouter Bosch, Professor of Paint and High Polymer Chemistry, stands next to Dean Wilson. Dr. Dudley Thompson, Chairman of Chemical Engineering, stands next to Meyer.

by the Ernest T. Trigg Foundation. These scholarships are designated for outstanding seniors in the Department of Chemical Engineering who are enrolled in the Protective Coatings Courses.

field, Mo., who attended Drury College before entering MSM in 1957. He is a member of Sigma Nu. (2) Thomas J. Meyer, son of Mr. and Mrs. Julian Meyer, St. Louis, Mo. He is a member of

tine, Jr., son of Mr. and Mrs. Hugh W. Haseltine, Sr., Springfield, Mo. He attended Drury College before entering MSM in 1957.

(Continued on Page 10)

Co-op Plan Offers Much to Students

The Missouri School of Mines and Metallurgy conducts a cooperative plan with a large number of business firms throughout the country. The school years of the course are longer but surprisingly enough only one year more is needed to complete the schedule. Many of us now are using the extra year but for different reasons. The applicants for the work program are selected by the participating business from both interviews here at the campus, and those who have applied as employees. The applicant need not be a former employee of the firm. This semester there are seventy-five coop students attending school.

It is necessary for the student to attend summer sessions dur-

ing his five years, normally the student works a semester and goes to school a semester, obtaining his tuition from the salary he earns while working for the firm. The rate of pay corresponds to the student's ability to perform the assigned tasks at the current wage scale.

The agreements formed between the company and MSM are informal gentlemen's agreements in which nothing is binding. This holds true of the company's agreement with the student too; the student may drop out of the program at any time and is not required to work for the company upon graduation. There are 37 companies currently helping the student on his way.

(Continued on Page 9)

THE MISSOURI MINER

THE MISSOURI MINER is the official publication of the students of the Missouri School of Mines and Metallurgy. It is published at Rolla, Mo., every Friday during the school year. Entered as second class matter February 8, 1945, at the Post Office at Rolla, Mo., under the Act of March 3, 1879.



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DEAR SCABBY

Men, did you ever go into the community john at the fraternity house and have your slide rule slip off your belt and fall into the toilet? Did all the boys stand around laughing and snickering while you fished it out? Did you know what to do in this embarrassing social situation? Did you ever



OUR SCABBY

go home for the weekend and take your drawing board along to catch up on a few plates and then Sunday morning you stagger blearily into the kitchen to find your mom chopping up lettuce on your nice "breadboard"? Did you beat her over the head or did you chop her up on your nice "breadboard"? Do you know what you should have done? Are you ostracized from social events because of your peculiarities? If you have these shortcomings or longgoings and don't know what to do about it, then Scabby is the answer to your problem. Scabby will tell you what to do, who to see, and where to go. No problem is too large for Scabby to handle. Scabby handles two chief types of problems, lovelorn and the social etiquette problem. She has a special room in the Miner office where her two big problems are handled all week by the entire Miner staff. Also if you have a personal problem for Scabby to solve, you can make an appointment with her for her to handle your problem. Scabby says Miners have bigger problems

than any other group that she has ever handled. The price for an appointment is two dollars. Contact the business manager and you will get the business.

Here are this week's letters.

Dear Scabby;
Recently I took my girl out on a date and a big rainstorm blew up and my car ran out of gas and I went to get help and I fell in a farmer's pigpen and got all wet and muddy and an escaped convict grabbed my girl and used her for a hostage and he shot me and ran over me with his stolen car and ran away with my girl and I've been in the hospital for the last six months. My question is, do you think I should give up my girl for going out with an escaped convict?

Boil B. Brain.

Dear B. B. Brain,
What's goose for the gander is sauce for the duck.

Dear Scab (may I call you Scab),

I am a teacher in an institute of higher learning and I can't understand why my students (or should I say stoogents) never are interested in my classes. I am confident that my method of teaching is flawless. I always refrain from discussing worldly problems of today and keep my

lectures on a high cultural level. I think all students should have to have a degree in humanities and fine arts before they could study engineering.

Today I read them an enthralling story entitled "Early American Literature's Influence on the Economic Situation of Asia" and nobody was interested. Someday they will know the shame of being full of wealth and empty of culture. What can I do to improve the situation?

Rex Oedipus

Dear Rex,

Lecture on a subject like "Early American Sex Life and Its Influence on Future People" and see if they are interested.

Confidential to "Con".

Naturally if the girl wants to stay with you rather than to go back to her boy friend, you must let her. By the way, why didn't you put the return address on your letter?

Dear Miss Scabby,

I want to know, what are sex, anyway? I've been here in school for two months and that's all the boys talk about. I feel left out because I don't seem to have any of them.

Inexperience.

Dear In,

You must be way out. This sounds like a personal interview problem to me. You must come to my private room in the Miner office and I will solve your problem adequately.

Alumni Association Adds New Laclede Steel Fund

The MSM Alumni Association in addition to the six scholarships it underwrites and the four scholarships which individuals and groups have established through the Alumni Fund, has another student assistance aid known as Laclede Steel Emergency Fund.

This Fund was established in 1955 by Dr. William M. Akin, President of the Laclede Steel Company, St. Louis, Missouri. The purpose of the Laclede Steel Emergency Fund is to assist worthy students who are confronted with emergencies, through no fault of their own, that would necessitate their leaving school if assistance to meet the emergency was not available. This Fund has enabled many students to remain in school and complete their objective, an engineering education.

The assistance from the La-

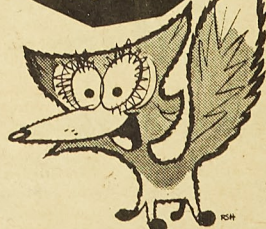
clede Steel Fund is given in the form of a grant.

The Missouri School of Mines and Metallurgy conferred a honorary Doctor of Engineering degree upon Dr. Akin in 1953.

Design Plans

Design of the Future was the topic of the speech given by Mr. Richard S. Frank, Assistant Chief Engineer of Caterpillar Tractor Co., at Peoria, Illinois. Mr. Frank outlined the opportunities of Design Engineers in industry today. Although many of today's engi-

Be Bright-Eyed
and
Bushy-Tailed



Keep On Your
Toes With NODÔZ

When the student body sits in class all day, getting numb at both ends, be crazy like a fox. Keep on your toes with NoDoz. Be alert for late-hour studying and hep on late dates. Safe as coffee and much more convenient.

NODÔZ

*Note to Prexy:
NoDoz will
keep your
Faculties alert, too.



Parties are
better
than ever!
with



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Rolla, Mo.

Missouri Miner Feature of Week

INDUSTRY PREDICTS NEW SHORTAGE OF ENGINEERS, FEARS IT MAY PERSIST

*Survey Shows Firms Will Seek
50,000 Graduates in June,
Class Will Total 39,000*

By William B. Colwell
Staff Reporter of
THE WALL STREET JOURNAL

CHICAGO — The engineer shortage, that postwar phenomenon that largely vanished with last year's defense spending cuts and the recession, is about to reappear to plague industry again. And the new scarcity may persist for several years.

Those are predictions of industry and Government officials who have been examining the nation's future needs and the engineering schools' abilities to fill them.

From 1946 through 1956, the engineering graduate with a decent academic record usually was able to write his own ticket; recruiters from industry and Gov-

ernment swamped him with job offers.

Last year, the situation changed. A Government economy program brought cutbacks in defense orders, reducing the demand for engineers, except for those with long experience in special categories. By the time Sputnik sparked a rise in military outlays, the recession had begun to bite. Now, however, the economy is pulling out of the slump. And expanding missile production is boosting general demand for engineers.

A recent special report for the National Science Foundation — made by the U.S. Office of Education and the Bureau of Labor Statistics — concluded that industry would want nearly 50,000 engineering graduates next June, while only about 39,000 would actually be getting their sheepskins at that time.

This report provokes Dr. Howard Meyerhoff, executive director of the Scientific Manpower Commission, to warn that industry must "get busy once again in the job of recruiting qualified

young people for careers in engineering." He adds, "If we don't we will simply be climbing back into the same box we were in during the early 1950's."

Need Usually Set in Fall

Companies usually estimate in the fall how many new engineers they will need from the crop graduating the following June so they can start their on-the-campus recruiting.

General Electric Co., Schenectady, N. Y., one of the nation's largest employers of engineering talent, disclosed its hiring of engineers fell 40% this year from 1957. But, a spokesman said, "the '59 hiring rate will be back up to 1957 levels, and could go higher." GE has about 20,000 engineers, the company says.

In four years G.E.'s needs will mount 30% and in 10 years nearly 50% more slide rule experts will be needed.

In Chicago, Standard Oil Co. (Indiana) officials estimated the company will require about 3% more engineering graduates next spring and about 12% more in four years.

A poll of engineering department heads at Inland Steel Co.,

Chicago, shows the company will hire 60 engineering graduates in June, a 10% jump from 1958. And the company forecasts its engineering needs will be up 50% by the time this year's freshmen are ready to graduate.

Norge, appliance wing of Borg-Warner Corp., and Motorola, Inc., Chicago, both say hiring of engineers will be up next June from year-ago figures. "If things keep looking up, we'll be trying to hire all we can get," says a Motorola spokesman.

Rise in Unfilled Jobs

There already are signs the demand for engineers is beginning to outrun the supply. The Labor Department last week reported that the number of unfilled engineering jobs in industry totaled 4,335 in late September, up from 1,400 in July. The September figure was an increase of 400 over September, 1957. The department said the rise in demand stems partly from expanding missile production.

The greatest current demand is for electrical and mechanical engineers, specialties needed by missile makers, the department said. Its statistics are gathered through

a nationwide network of 83 local employment offices which try to speed the matching of men and vacancies in professional occupations.

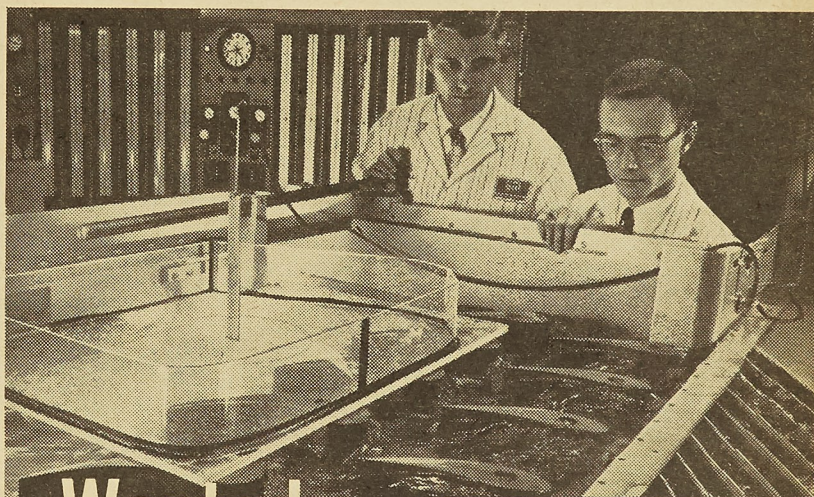
Despite Government and industry efforts to spur interest in engineering, there are signs of growing student disinterest in the field. Also, the number of students dropping out of engineering courses is rising.

According to figures of the U.S. Office of Education, the freshman enrollment in engineering courses in 1952 was 30% above 1951. In 1953 it rose 17% over 1952. But the increase was only 7% in 1956 and last year the gain was only 1.3% — a "critical" point, says Dr. Meyerhoff. A spot check by the Scientific Manpower Commission indicates the percentage rise in 1958 enrollments will be even smaller. Meanwhile, a check with major manufacturers indicates that by June, 1962 — graduation period for today's freshman engineers — the nation's needs for engineers will be 25% to 50% higher than this year.

And some of those who entered engineering schools this fall will

(Continued on Page 9)

TEAMMATES — Young engineer Warren Conner — B.S.M.E. 1956 — teams up with Armand J. Bilitzke of GM Engineering Staff's Transmission Development Group to test blade-shape models for torque converters. Mr. Bilitzke helped design flow table which is unique to the automotive industry.



Wanted: Inquiring Minds

GRADUATES

A General Motors Representative
will be on campus
to answer questions about
job opportunities with GM on

Oct. 27, 28

No matter where your interests lie in the vast field of engineering, there's a better-than-good chance you'll find your place in the sun with one of the 35 Divisions of General Motors.

For these GM Divisions run the gamut of virtually every field of engineering and science — from engineering, designing and producing automobiles, trucks and hundreds of important industrial products to helping to solve the unknown challenges of the Space Age.

Choosing an engineering career with GM means teaming up with some of the world's finest engineering and scientific brains. It means working in pleasant, modern surroundings such as GM's fabulous Technical Center

near Detroit, equipped with every conceivable research facility.

Best of all, it means a future as big as you want to make it at GM's 35 Divisions and 126 plants in 71 cities and 19 states. A future in which your training, your inventive ability, your inquiring mind, your desire to get ahead will receive quick recognition and unlimited opportunities.

You owe it to yourself to investigate the kind of future General Motors is offering young engineers. Make an appointment with the GM Representative next time he visits your campus or write: General Motors Corporation, Personnel Staff, Detroit 2, Michigan.

GENERAL MOTORS Personnel Staff, Detroit 2, Michigan

GM positions now available in these fields for men holding Bachelors', Masters' and Doctors' degrees:

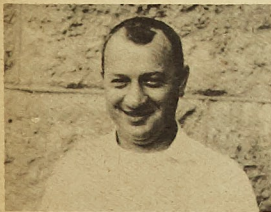
Chemical Engineering • Mechanical Engineering • Electrical Engineering • Industrial Engineering • Metallurgical Engineering • Aeronautical Engineering • Ceramic Engineering • Mathematics • Industrial Design • Physics • Chemistry

ROVING MINER

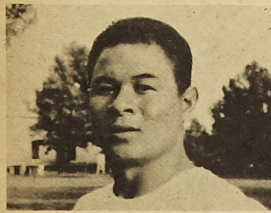
Question: What do you think about the school raising the fee for student driving permits from \$.25 to \$2.00 in one year?



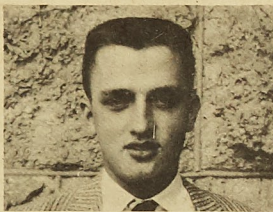
William Woods, Senior, Mining Engineering. I don't like to criticize the increase because I don't know what this money is being used for. Maybe the school is planning a better parking system for all students.



Frank Ordway, Senior, Mining Engineering. This is the only college I've seen that requires students to have a permit other than the state driver's permit that everyone must have, and this is the fifth college I've attended.



Laurencio Pom, Junior, Civil Engineering. Since I don't have a car here at school, I don't drive, but if I had one, I'd wish it were \$.25 again. I think that such an increase in only one year is ridiculous — maybe an increase to \$.50 would have been all right.



Charles K. Hyde, Senior, Electrical Engineering. I don't think the whole parking situation is benefitting the student very much as it is now. It seems, that for fees like the \$2.00 driving permit fee, we should be getting some more benefits.



Marvin Crist, Senior, Petroleum Engineering. I think that if students are charged \$2.50 just to register their car, that students should be charged to be able to drive a car. However, I think that \$2.00 is too much if it is required for only a weekend or a short period.

Here and There: The bartender was speaking: "I've had 24 bouts — 12 pro bouts as a middleweight and 12 amateur bouts as a bartender." . . . Vacationer returning from the Grand Canyon, "It's just gorges." . . . The teen-age rock and roll performers touring the country this summer are trying to make enough money to study music. . . . Disk jockey fluffed a line for a Marine recruiting commercial, called "em 'Maroon Recreeters."

I Can See It Now: The sweet young thing explained with a toss of her diamonds, "Money makes me passionate."

USSR
Ki

scale research in the
blast furnace in the
States. This research
concerned with such
physical chemistry of
production of ferroalloy
blast furnace, investigat
-grade raw materials an
ow. Mr. Melcher is the
or co-author of a number
cles written for governme
tion and technical jour

view of the widespread
in Russia in this satell
 Sputnik era, the meeting
n to all.

na Xi cordially invites
faculty and townspeople
and the meeting on Octob
00 p. m., Room 107, Min
building, MSM Campus.

are considered specialists
and out that a Design Eng
s not limited to any co

ident F. J. Graham open
A. E. meeting at 7:00 p
er 15, in Parker Hall. Fo
the meeting refreshment
served in the Mechanic
Engineering Laboratory.

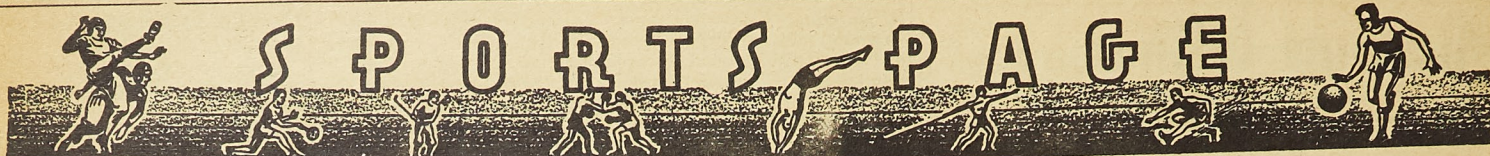
as are now being complet
our through McDonnell
Corporation in the late
of November. Details on
will be posted on the M.
board.



Parties are
better
than ever!



AMERICA'S
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Miners to Challenge Bulldogs in Parents Day Battle

CAPE DEFEATS MSM 19-7

Miners Fail to Tally in Five Tries From Cape 30

Fast Backfield, Strong Line, Face Miner Squad

by Jerry Luecke

The Miners, in their second conference game of the season, were defeated Friday night under the lights at Cape Girardeau by a score of 19-7.

Though the Miners were defeated by two touchdowns the game was an extremely close contest up until the closing minutes, when the Indians pushed across the all-important insurance touchdown.

In last week's contest with Warrensburg, every time the Miners got within striking distance of paydirt they came through in the clutch for the touchdown. In the Cape game, however, the Miners were within striking distance a number of times and with the exception of the second quarter touchdown were unable to score. There were five instances where the Miner attack was halted inside the Indian 30 yard line. Two of these scoring chances were cut down by timely pass interceptions.

During the game the Miners were outmanned, as far as numbers of players go. Cape was changing units very frequently and was constantly hammering the Miners with a fresh squad. Despite this fact, the Miner line and defense played splendid ball for as long and hard as they possibly could. Jim Kamicar, Ron Avery, Louis Meisenheimer, and Bob Ingram played fine games and greatly stifled the Indian attack.

In the Miner backfield, Tom Cooper came within an eyelash of bettering the record of most yards rushing in a Miner game. Tom gained 126 yards on the

ground. The record stands at 127 yards, held by Keith Smith of Maryville, 1954. In addition to Cooper's heroics, Dub Wheeler maintained his high standing in the ranks of small college passers by completing 7 of 15 passes, good for 73 yards.

The game opened up at a fast pace with the Miners marching downfield to the Indian 32 yard line. Most of this yardage was picked up on Ray Parker's 32 yard jaunt. There the attack stopped when a pass from Bill Wheeler was intercepted on the Indian seven yard line.

The Indians then began to grind out first downs on end runs and fine passes from quarterback Tom O'Keefe. O'Keefe climaxed the 93 yard drive by going over for the TD. The point after was no good and left the score 6-0.

After the exchanging of several punts, the Miners started a touchdown drive of their own. The Miners marched 42 yards, with a Wheeler to Parker aerial adding the final touch. Earlier in the touchdown march Tom Cooper went 25 yards to set up the scoring pass. Parker's point after was good, making the score 7-6. The 7-6 score held until halftime.

In the second half, on their first offensive effort the Miners advanced deep into Indian territory. After Tom Cooper's five yard drive the Miners found themselves on the Indian five yard line and goal to go, but then the turning point of the game occurred when the Miners were penalized 15 yards for illegal holding, thus moving the ball back to the

twenty yard line. The Miners were able to get back 16 of those yards but their downs ran out and the drive was halted. That was all the breaks the Indians needed as they added two touchdowns in the final quarter for the winning margin.

The Miners now stand 1-1 in the conference, and have a 2-4 record overall. The Miners, with any breaks at all, could have won the game. There were several questionable rulings by the officials, but things such as that are to be expected in the course of a football game. Both teams played hard, tough football, but on this particular night the Miners evidently were not destined to win.

Next Saturday is Parents' Day and the Miners will play host to Kirksville. Show your school spirit—come out and support the Miners.

STARTING LINEUPS

MSM	Position	Cape
Metcalfe	LE	Lohr
Meisenheimer	LT	Sater
Gay	LG	McWilliams
Hillmeyer	C	Iman
Ingram	RG	Schott
McCaw	RT	Meyr
Booth	RE	Mings
Wheeler	QB	O'Keefe
O'Mealy	LHB	Powell
Cooper	RHB	Thrower
Parker	FB	Matthews

SCORE BY QUARTERS

MSM	0	7	0	0	7
Cape Girard.	6	0	0	13	19

STATISTICS

	MSM	Cape
Earned first downs	14	17
Punts	4	7
Yards punts returned	13	48
Yards lost, penalties	15	55
Yards gained rushing	247	303
Yards lost rushing	16	13
Passes attempted	17	14
Passes completed	8	6
Yards gained, passing	111	69
Passes intercepted	1	4

ed Warrensburg by a score of 32-14, in a game that was all Dale Mills again. Mills last week led both the conference and the nation's small colleges in rushing. The more publicity a player receives, the more the opposing team is watching for his plays, yet Mills continues to improve. Mills' record overshadows that of Rufus Davis, the other Bulldog halfback, and a familiar figure in MIAA competition. Kirksville now appears to be the team to stop Cape's drive for another conference championship.

In another conference game, the Springfield Bears defeated winless Maryville by a 13-0 score. The Bears, sporting a 1-1 record in conference play, aren't looking as strong as they did in pre-conference play, but still are a potential threat to the conference leaders.

Games this weekend pit Springfield vrs. Cape, as Cape tries to make it 3-0 in the conference. A good game will be the MSM-Kirksville contest, which may determine if Kirksville has the stuff to stop Cape. In the other con-

by J. P. McKeone

Tomorrow, in honor of Parent's Day, the Miners take on the Kirksville Bulldogs in the third week of Conference play.

The MSM-Men, after their 19-7 loss to Cape Girardeau last Friday, will be in tip-top shape, and itching for a victory against the other strong team in the Missouri Intercollegiate Athletic Association. Kirksville trounced the Warrensburg team last weekend, 32-13, whereas the Miners, on October 11, rolled over the Mules 26-14. The Kirksville-Warrensburg game brought out the fact that star Bulldog Halfback Dale Mills is in his usual great form, he carried the ball 23 times in the Warrensburg game, and racked up 161 yards rushing in that game alone, bringing his total up to 950 yards, and 91 points in only six games. The K'ville team has a strong line, which, when combined with a fast backfield such as their group of Rhodes, Mills, O'Neal and Perrin combine to form championship bait. The Miners will have a hard fight to put up, but, of course, the MSM-Men will have a slight edge in that they will be playing on Jackling Field and the Parent's Day crowd of spectators will tend to

spark the team on to victory.

The MSM-Men now have a 1-1 record so far this year in MIAA play, and tomorrow they will have a chance to raise their average. Kirksville seems to be the team to beat this year, as they and Cape are the only unbeaten teams in the conference. If the Miners are able to beat the Bulldogs, and K'ville beats Cape, the Miners will be back in a position to take the trophy this year.

The MSM-Men are in their best fighting shape for this game, but are slightly behind Kirksville in backfield speed, though they make up for it in their powerful line, therefore the teams are just about evenly matched, and the game should be one of the best of the season, well worth your time to attend.

PROBABLE STARTING LINEUPS

MSM	Position	K'ville
Metcalfe	LE	Schultz
Meisenheimer	LT	Shoemate
Gay	LG	Wiggins
Hillmeyer	C	Stouffer
Ingram	RG	Scanlan
McCaw	RT	Haller
Booth	RE	Hammock
Wheeler	QB	Rhodes
O'Mealy	LH	Mills
Cooper	RH	O'Neal
Parker	FB	Perrin

MSM Cross Country Team Runs Over Westminster

MSM started a new sport on the right foot Saturday as the Miner cross-country team lacked three points of having a perfect score in defeating Westminster 18-37. Art Herchbach, veteran Miner miler, was first across the finish of the 2.9 mile course in 16 minutes, 39 seconds. Art was followed by his track team mate, Mike Vancil. The first Westminster man across the line was Schoen, who placed third. Donnelly, Erricson, Schimanski, Glaesier and Brady, all Miners took the next four places, as Schimanski and Erricson tied for 5th. Douglas of Westminster took 9th, while two more Miners, Holmes and Wimsett, took 10th and 11th. Dupree of Westminster took 12th as Munsell of MSM took 13th.

The first meet which was scheduled with Springfield October 11th was canceled when Springfield withdrew. In defeating Westminster, the Miner squad looked good, but the course was easy, and the wind was favorable to the runners.

Coach Barre again was non-committal when asked about the squad's chances against nationally ranked SIU this Wednesday, but the results of the first meet show that the Salukies may have

a rough time continuing their winning streak against the Miners.

The inexperienced Miner team did a fine job in defeating Westminster, and a good crowd of spectators are expected tomorrow on tee one of the gold course at 10 a.m., as MSM meets Warrensburg for the first home meet.

There once was a lady from Brannagan
Who said, "I'll be thin if I can nagan."

So she walked and she walked
Until her weary feet balked
And she had to sit down on her fannagan.

Month's Best Quote: College student saying goodbye for the summer to his girl (wearing a sack dress) he hugged her saying, "Good-bye, darling, wherever you are."

The
RAND
Shoe

RANDY'S SHOE
STORE

Opposite Postoffice
Rolla, Mo.



by Dave Ford

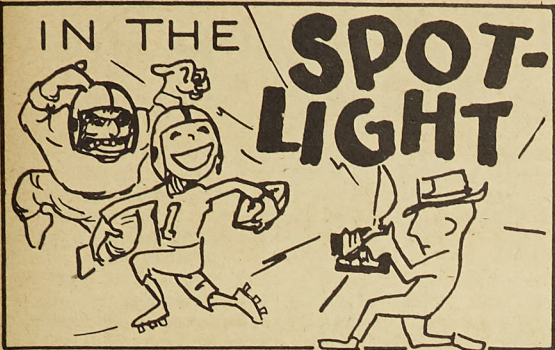
The second week of MIAA football went a long way towards determining weaknesses and strengths of the six conference teams.

The game of the week which featured Cape vs. MSM turned out to be close in everything but score as timely penalties helped a very strong Cape club to a 19-7 victory over the Miners. Cape's combination of a strong offense, led by all-conference quarterback Tom O'Keefe, and good pass de-

mined the winner in a game which saw the Miners with a 7-6 half-time lead.

The defeat was a setback for Miner hopes, while it added confidence to the Cape squad. Dub Wheeler, Miner quarterback and star passer fell in percent completion, but did manage to set up some very fine completions. Tom Cooper, Miner right halfback, looked good with his running game, but the Miner defense was unable to stop the steady drives of last year's conference champs.

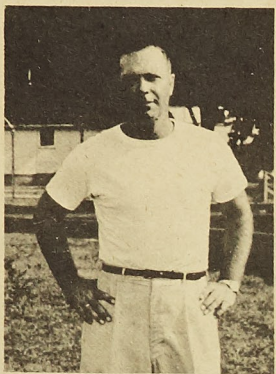
The Kirksville Bulldogs defeat-



by Tom Dunn

In his ninth year of coaching for the Miners, Coach Dewey Allgood, has won the admiration of sportsmen and physical education students alike with his light hearted sense of humor. Before coming here as a football and head basketball coach Dewey attended North Dakota State where he earned his B.A. in 1947, and Colorado State for his masters degree, (1949) in Physical Education. As a part of his graduate work at Colorado State, Dewey and two fellow classmates developed the game of flag football. This is the game played in MSM intramural football. But MSM is not the only school to have taken hold of this immense improvement over touch football. The Air Force and several other major institutions in the United States have adopted the sport and it appears to have a firm foothold in intramural organizations throughout the nation.

has two daughters. His wife, Phyllis works at Fuller's Jewelry and his two girls are in eighth grade



DEWEY ALLGOOD

and fourth grade in the Rolla School system. Both of his girls are members of the girl scout organization.

Coach Allgood is married and

Dewey has coached basketball

and football at Pillsbury, N. Dakota High School and N. W. Missouri State.

Reminiscing over his years here at MSM, Coach Dewey Allgood recalls one of the most exciting basketball games. It was played last year against Washington University, where the Miners came out on top of a see-saw battle 60-

55. Previously Washington University had beaten the Miners 28 straight times.

This year's basketball schedule is the toughest one ever handed a Miner team—it contains 6 games of University caliber and 10 conference games. Dewey, with a sophomore studded team, expects to do all right this season and a

lot better during the next two years.

Aside from coaching Dewey enjoys golf and his yearly trips to pro-camps and the Allstar Football game each summer with Coach Bullman. Coach Allgood teaches 4 physical education classes and heads the tremendous intramural program at MSM.

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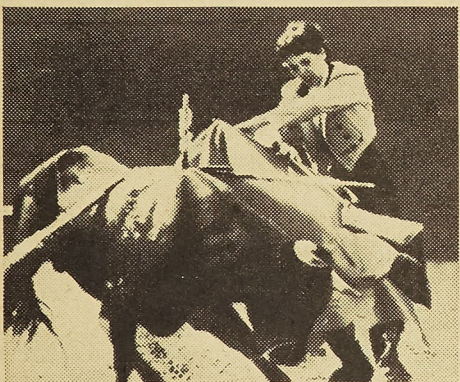
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THEY SAID IT COULDN'T BE DONE!

They said that bullfighting was strictly for men, and a woman couldn't do it. But pretty Pat McCormick, while a student at Texas Western College, ignored the scoffers, and became the first American girl to win international acclaim as a torea-Dora.

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by
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LIGHT INTO THAT LIVE MODERN FLAVOR!

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ttle
rong
Squad

team on to victory.
M-Men now have a 1-1 far this year in MIAA tomorrow they will have to raise their average. seems to be the team this year, as they and the only unbeaten teams. If the Miners beat the Bulldogs, and at Cape, the Miners back in a position to take this year.
SM-Men are in their shape for this game, ightly behind Kirksville id speed, though they for it in their powerful fore the teams are just nly matched, and the ld be one of the best ason, well worth your tend.

STARTING	LINEUPS
Position	K'ville
LE	Schultz
mer LT	Shoemate
LG	Wiggins
C	Stouffer
RG	Scanlan
RT	Haller
RE	Hammock
QB	Rhodes
LH	Mills
RH	O'Neal
FB	Perrin

entry Team
minster

time continuing their
reak against the Min-

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job in defeating West-
and a good crowd of
are expected tomorrow
of the gold course at
MSM meets Warrens-
the first home meet.

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"I'll be thin if I can-
" walked and she walked
r weary feet balked
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gan.

Best Quote: College
ying goodbye for the
his girl (wearing a
) he hugged her say-
d-bye, darling, wher-
are."

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Fraternity News

TAU KAPPA EPSILON

Our humble home is being visited this weekend by the parents of the Fraters and the parents of the Pledges, so that they may find out how we are living down here. Tomorrow, after dinner at the Teke House and the ball game, the Teke Mothers Club and the Fathers Club will have their annual meetings. The house is in its finest shape, thanks to the pledges and to Roy Sloan and Jerry Kendrick, our House Committee.

The Tekes were eliminated from the football contest by a strong Lambda Chi team, the men put up a good fight, right to the end, but to no avail. Next in line in the major sports is Basketball, and Head Coach Charlie Reeves has started the Teke five on their road to becoming a winning team. Good luck to them, and those of us who are not able to play B-Ball will be rooting for them.

That's about all the important news for this week. This article is short and to the point, so now it's done.

LAMBDA CHI ALPHA

Pease porridge hot
Pease porridge cold
Pease porridge in the pot nine days old

We have oats hot
We have oats cold
We have oats nine days old

This comes to us from Mother Goose rhymes. Sam's boiled oats comes to us like the Quaker people have it in for us. However we always look forward to the afternoon's tuna fish, but then Friday is Civil Defense day or maybe better "Survival of the Fittest Day." Have faith fellow Dick Tracy's.

The only bright spot in the food picture is that today I found three jars of seed olives and four cases of Worcester Sauce. Hear say has it, it is for use in an old Hungarian recipe brought to us from the old country by one of our cooks. Of course everything else is from hunger anyhow.

Forgetting the pains of hunger, and feeling our way to sports, I'm too weak to walk. Brother Hampe placed third with Brother Helgeson placing fifth in the tennis singles tournament. This gives Lambda Chi's team a first place

in the standings. The football team hasn't been stopped yet and there are only four other teams left. The table tennis singles and doubles at time of writing can place no lower than third even if they quit playing.

A great new pizza house has just finished the first of the colossal pizzas. Next week, steaks from Sky King's own dud ranch will be available on Sunday night.

DELTA SIGMA PHI

Activities picked up somewhat at Delta Sig last week as preparations for Parents' Day resulted in an informal work weekend. Painting seemed to be the passing thought for the time as many brothers went wild with the paint brush. Fred V. almost went wild with the paint can, too. What's the matter, Al? Can't you read signs, or did you waive that course?

One noteworthy improvement was the painting of the recreation room in the basement. The walls are now a light blue, contrasted with a white ceiling. Why blue? It's probably the color of the paint we bought.

Our social chairman is having a little trouble scaring up dates for the Homecoming Pledge Dance, or Pledge Homecoming Dance, or—well, anyway, it's the Pledge Dance. But don't worry. Fred. The fellows know you'll come through. After all, what other choice do you have?

LOST AND FOUND DEPT.

Lost—One weekend of sleep and studying, Nov. 1-2.

Found—Girls, and more girls.

BETA SIGMA PSI

This Saturday the old White House on West Ninth will again be filled with parents, relations, and friends of the members and pledges of Beta Sigma Psi. We certainly hope that all will have a good time.

The house has been cleaned to the satisfaction of the house members but flaws are usually located when the mothers make their white glove inspection.

Rocky Stourton has planned an excellent meal for your pleasure and this should again prove that the Beta Sig's are well fed. This statement is better proven by casting your eyes upon any of the chubby little boys who call 206 West Ninth their winter resort.

All the Beta Sig's have been busy these last few days and will continue to work all next week because next weekend is Homecoming and dates. Dad had better hide because son is just about to hit Pop for a handout for the party weekend.

The following weeks everyone will again be burning the midnight-one-two and three o'clock oil because midsemester is not too far away. We are looking forward to another good scholastic record. Hope everyone enjoys himself today and our last request is for another Miner football victory.

This is our day to entertain you so "Welcome Parents."

KAPPA SIGMA

The atmosphere around the Kappa Sig. house wasn't quite as lively this past weekend as it was the previous Pledge Dance weekend. Nevertheless, timely occurrences such as a midnight swim do tend to enliven things, don't they, Steve? What's that, Larry? Did you say such things can work both ways?

Well, it finally happened. The football team suffered its first defeat as it lost a heartbreaker in overtime. The game was tied after regulation play, the victor being decided by the most yardage gained in three downs. But all hope is not lost. The team is planning to be back in full strength this week and again move up to the top.

SIGMA TAU GAMMA

We are happy to participate this past weekend in the initiation and installation of our newest chapter, Beta Alpha at Missouri University. This gives us a chapter at each state college in Missouri, and we wish all the best to the new chapter at Mizzou.

With homecoming just a week away, we don't figure on doing much studying in the next few days. The prospect of pulchritude and parties is just too enticing. Your reporter, for one, can't possibly have the days pass quickly enough for him.

During our brief respite between intramural sports, our teams are hard at it training for the upcoming events. Basketball and swimming are on the list, but most of our points will probably be taken in the grand old sport of elbow-bending. Daily and nightly training schedules in this most-honored of all sports have been set up at Ramey's Gym, but individual practice sessions can be arranged by consulting Al McHugh, Director of Athletics. He had a very important birthday last week. Hic.

SIGMA PHI EPSILON

The T.G.I.F. Club was off to a roaring start. Quite a few of the old Big Team were there to become Charter members. Even the "Gimper," champion dog, king of beasts (just ask him), signed next to Wehrfritz's scrawl.

Stahlschmidt is still bashing that tennis ball around the court, and winning steadily, except for a slight set back by that (shudder) Theta Kap "Gunner."

Our football team lost a heart breaker to the Terrible Tech Club

Pi K. A. Receives Five of Ten National Awards

Pi Kappa Alpha has the distinction of being one of the largest fraternities in the nation. It was on March 1, 1868, at the University of Virginia that it was founded. The fraternity itself is basically a southern fraternity although it is represented on the campus of every major college and university in the United States.

At present Pi Kappa Alpha is 117 chapters strong and with its aggressive expansion program, is looking to greater horizons and the possibility of branching into foreign countries.

The nerve center of this fraternal organization is in the newly dedicated national headquarters situated in Memphis, Tennessee.

ternities faced extinction. However, through the zealous efforts of the active membership, the alumni and the support of the school, total collapse was avoided.

The years since the war have been beneficial to Alpha Kappa for it has gained a position of prominence in scholarship, athletics and social function on our campus. This chapter's thinking has moved more toward scholarship as is exemplified by the winning of the scholarship trophy in the fall of 1957.

Pi Kappa Alpha had its bi-annual convention this last August in Washington, D. C. The location afforded not only an opportunity for education but also



This building not only serves as an office for all clerical work, but also doubles as a beautiful museum, housing all of the historical documents and notable elements representing the growth and history of the fraternity.

Alpha Kappa chapter of Pi Kappa Alpha at the Missouri School of Mines had its start in 1905 and has the distinction of being among the oldest chapters in the fraternity. It was the first chapter to be chartered north of the Mason Dixon Line. Its history on our campus has not been without hard times. As most of the fraternities on this campus will remember, the war years were the more difficult and many fra-

presented the solemn atmosphere for the transaction of the serious business that was at hand.

Alpha Kappa had the distinction of being the most awarded chapter at this national convention. Among these presentations were the Hipple Award for outstanding chapter participation in campus organizations, an award for ranking ninth out of 117 chapters in chapter proficiency, and the Lynn Award for a five-year perfect record in chapter reporting.

This is not only an indication of the success of Alpha Kappa, but characterizes the success of the fraternity system here at the Missouri School of Mines.

who didn't look too terrible the first half. Father Nolfo, the Ol' Pro, spent most of his time yelling at the ref rather than at the team, and tech's one end run play finally clicked to win. Rumor has it that our team is using a cannon, it's not true—"Lil Doug" Cormack is the projectile and he's powered mostly by guts rather than gunpowder.

THETA XI

News flashes from "the White house on the hill" . . . Pledges are to be congratulated for their fine Pledge Dance and for their loving care on the house . . . Who had the Col. Lee . . . Remember the Pledge Dance TX's . . . All the 6 footers will be on the basketball court soon with high hopes of winning . . . Where are the drums, guys . . . With all the practice the guys have had, the IFC Sing first place should be ours . . . We want some more grape jelly awfully bad, Stan . . . Very good dinner Sunday by

Pres. Canady and Rupp . . . Till after Parents' Day we'll sign out and off and all that stuff.

ACACIA

Last week turned out to be a rather dull one for Acacia. The only exciting thing that happened was that Al Mayer ran his car into a ditch. Rumor has it that he was operating the pedals with his right foot and steering with his stocking left foot. Fortunately, the only injury was to Al's pride.

On Sunday we were honored to have the parents of Jim Poarch present at dinner. The occasion was Jim's birthday. The chant, "Row, row, row your boat" was started, but it was decided that we just couldn't do it with his parents here!

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THETA KAPPA PHI

Happy Birthday to us. Last night we celebrated our 39th birthday at the Founders Day banquet of Theta Kappa Phi. Dean Noel Hubbard was the guest speaker and gave an excellent talk.

It's true! Colanna's "purple feet" are actually purple from stomping grapes. Luigi makes his own wine in the basement of his home in St. Louis.

Tomorrow is Parents' Day, and all the parents will be here to renew old acquaintances and make new ones. The pledges' parents will be particularly interested in their sons' cases of housemaid's knee and to see what kind of atmosphere and environment they are living. WELCOME PARENTS.

TRIANGLE

Well, our goat has finally gotten a name. After much consideration and thought on the subject, the name of "Waldo" was finally selected. At first there was a suggestion of calling him Pledge Waldo, but this was dropped because the goat seems to be more advanced than the pledges.

Last week on the intramural gridiron, the Triangles kept up their winning streak with a 34 to 14 victory over Tech Club and then a 43 to 20 romp over Sigma Nu. Also our basketball team is shaping up nicely as we go out to retain our championship form.

Word has it that the "Bird" is out after the blonde at the Saratoga after last Saturday night. Is that right, Tom!

Well, the pledges have finally got down to work and cleaned the house a bit for Parents Weekend, so they can show their Moms and Dads how neat we all live.

Well, that's it for now and I do hope by the time we're read-

ing this article that we'll have a new trophy to display to our folks this weekend.

PI KAPPA ALPHA

With the ending of this week, everyone is busily cleaning up the house for Parent's Day—waxing, dusting and taking down pictures. It will be nice to have the parents down again and also to welcome the parents of the pledges.

Oh! Playboy Pinner, what was that you said the other night?

Congratulations to Rich Schnieder who pinned Miss Betty Tetley while in Cape last weekend. Who will be next? Wonder whose keys Rich had last weekend so he couldn't go to St. Louis.

"Ha! Ha! Ha!" Don't you just know it will make the golf course yet.

IFC sing practice has already started. Carter reports a fine turnout. This year we will enter a quartet composed of Berg, Wyman, Wolf and Cleary singing "There Was a Little Bird."

Anyone needing a date for Homecoming contact Ed Carlstrom. See Wake and Piekarz for testimonials.

The house has had some improvements made. The pledges, under the watchful eye of John Cleary, watered the grass every night and Coach is moving the furnace up to the kitchen in preparation for winter.

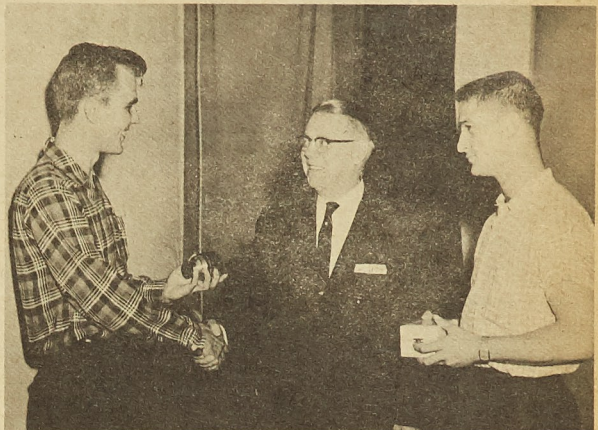
SIGMA PI

As Parents Day draws very close, many questions arise—which pictures ought to be taken down off the walls, how in the world will I ever get this room clean enough for Mom, how can I be diplomatic concerning money matters and which course am I doing well enough in to talk about? Maybe when I graduate I may not be a very good engineer but I'm sure to be a good diplomat.

As the year wears on so do the nerves. I wonder why you never have just one test in a day but instead, three or four? Maybe the students ought to organize against the faculty, it seems they are conspiring against us.

The Sigma Pi house has been very quiet for a long time now. I guess everyone is resting up for the year's first party weekend which arrives November 1st. It sure is a long stretch of studying between the beginning of school and the first party weekend.

Commenting on the everyday—the pledge class seems to be doing a fine job as are the officers. Hans has been seen moving around quite a bit lately—this is unusual. I still see 100% of the graduating seniors are still on the dry side of Frisco Pond. The dry side is the outside. What is the attraction of Fulton, Missouri? Half the house can tell you.



John Stoecker presents Cinemascope lens as Mike Berterello looks on.

Independents Present Lens To Student Body, Via Dean

On Monday, September 22, the Independents, an organization open to all non-fraternity students, voted to donate to Missouri School of Mines and Metallurgy, a cinemascope lens and screen valued at over four hundred dollars.

The presentation was made in Parker Hall on October 10, 1958 by John Stoecker, president of the Independents and Mike Berterello, program chairman, to Dean Curtis Wilson.

In the photograph John Stoecker is shown on the left handing the lens to Dean Wilson, while Mike Berterello looks on from the right.

Money for the equipment was made available by an assessment voted last spring, while the equipment was purchased during the

summer by Mike Berterello and just recently installed in Parker Hall.

With the availability of the lens and twenty-six foot long screen, it is now possible for all student organizations to show cinemascope movies at their meetings.

The outstanding movies and socials planned for this season should make belonging to the Independents very enjoyable for all members.

We, the Independents would like to take this opportunity to congratulate the men of the MSM Men's Residence Hall Association on a very splendid new organization. We look to this new organization as a potential leader on the campus and in the Independents.

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Can you honestly say you never imitate the manner of an executive or leader you admire?

YES ☐ NO ☐



Do you enjoy adapting yourself to new conditions?

YES ☐ NO ☐



Are you entirely confident that you would not get "lost" if you worked for a large firm?

YES ☐ NO ☐



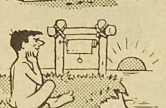
Do you always look at the directions before using a complicated new appliance?

YES ☐ NO ☐



When driving or walking for some distance, do you like taking short cuts rather than a longer route you know will get you where you're going?

YES ☐ NO ☐



Have you ever thought seriously of spending a long period alone somewhere ... writing, painting or getting some major independent task done?

YES ☐ NO ☐



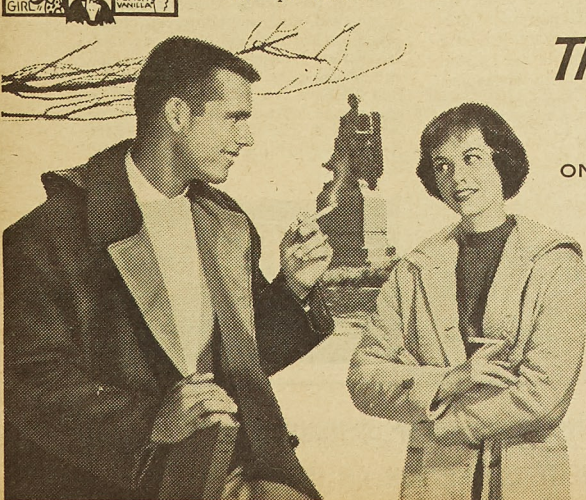
In going to the movies, do you consult the reviews first rather than just take "pot luck"?

YES ☐ NO ☐



When faced with a long, detailed job, do you try hard to find a simpler way of doing it before getting started?

YES ☐ NO ☐



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ONLY VICEROY HAS A THINKING MAN'S FILTER...
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Before you light your next cigarette, ask yourself this: Have you really thought which filter cigarette is best for you?

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*IF YOU HAVE ANSWERED YES TO 6 OF THESE QUESTIONS, YOU ARE A PERSON WHO THINKS FOR HIMSELF!

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Familiar pack or crush-proof box.

INDEPENDENT NEWS

Prospectors Club

Greetings, you Miners of misery. I'm back again to report on the activities of the miserable Prospector.

Last Saturday, we held our annual Fall Outing at Lions Park. The weather was balmy, the beverages were plentiful and it turned out to be a real blast in true Prospector tradition. Besides the beverages, we had EATS? So what do you fellas want for 33 bucks a month? (Steaks.)

While most of us were enjoying ourselves at Lions Park, a band of our girl hounds consisting of Don "The Maker" Burlage, Jim "Vice King" Staley and Rick "Jelke" Parisi headed for St. Louis to date some of those darling nurses at St. John's hospital. Imagine those poor, innocent damsels at the hands of three horny and mad Miners. Well, that's life.

In sports, our glorious manager Bill Jones is organizing our basketball team. The boys will be practicing hard because of the tough opposition. Good luck to Bill and to the hoopmen.

That's it for now. Have a nice weekend and impress your parents. (Ugh.)

Shamrock Club

Well its happened another of the Shamrock clubs talent laden teams went down in defeat this time beneath the swift feet of Delta Sig 13 to 6. Even in defeat there were many heroes but perhaps one ought to be singled out. He is Tom Reinhardt one of the clubs athletic managers and full-back on the squad. Despite a severe cold which at times made him look as if he were being aphixiated, he refused to quit and continued to play and to play admirably. So to the victors belong the spoils but to the losers belongs the glory of a well played game.

On another sports front the clubs swimming and cross-country teams have begun to get the kinks out of their system and prospects for an "in the money" finish are looking good.

So with the story of the drunken doctor who before administering a shot would call "bottoms up" we end our sordid saga.

Engineers Club

Engine Club was eliminated from the football tourney, 7-6, by a strong Sig Ep team. The boys lost two games by a total of two points, along with two decisive wins, so while they didn't bring home a trophy, they still did well.

Word reached us that the beer brawl really was one, with some Jack Dempseys displaying talent in the art of self defense. Terrible thing. As a secondary attraction hot dogs and brew disappeared in quantity.

Very few times this year have we been without silverware or glasses for even a short time during the meals. Credit for this must go to the pearl divers, those guys in the kitchen who always end the day with dishpan hands. Nobody will award you a plaque for your hustle, but it is appreciated.

Saturday's football results caused more sour faces around the club. Several heavy favorites were stoned to death. It would be nice to win once.

Campus News

Radio Club

The MSM Radio Club has had two meetings so far this semester. Slides on the American Radio Relay League Station, W1AW, and soda pop were featured at the first meeting. At that meeting the new technical advisor to the club, Mr. Lee Grismore, was introduced. The second meeting sported two films on techniques of sending good international Morse code and the serving of coffee.

Code classes have been initiated to help beginners learn the code. These classes are held in the northwest corner of the basement of the Rolla building at 4:30 on Monday and Friday and at 3:00 on Tuesday, Wednesday and

Thursday. Anyone interested is invited to meet with these classes.

The Radio Club is offering its services again this year in sending messages to any part of the United States or its possessions for anyone, free of charge. The club has outlets through the Missouri Emergency Phone Net on Monday, Wednesday and Friday, the Frisco Net on Saturday, and the Radio Amateur Civil Emergency Service Net (sponsored by Civilian Defense Agencies of Missouri and the U. S. A.) on Sunday. It is planned to install a box in the Alpha Phi Omega lounge for students to drop messages into as soon as the proper authorization can be obtained from that organization.

CHI EPSILON

The Missouri School of Mines Chapter of Chi Epsilon, National Civil Engineering honorary fra-

GAMMA DELTA

Gamma Delta is the Interna-

ternity, recently elected twenty-three men and one woman into the fall semester pledge class.

They are: Boyce Buckner, William Ingle, Henry Mallow, Henry Pate, Charles Simpson, Ralph Tross, Ross Williams, Richard Boughton, Robert Planck, Lawrence Boston, Gerald Fisher, Richard Taylor, Ronald Carver, Walter Dickens, Gerald Wisdom, Leo Odendahl, Gene Rizer, Melvin Vahrenhorst, Don Gunther, Lelia Thompson, Charles Tharp, Thomas Helbrook, Don Logsdon and Don Trabue.

Chi Epsilon chooses its members from the upper one-third, scholastically, of the Junior and Senior classes in Civil Engineering, who meet the other requirements of character, practicality, and sociability.

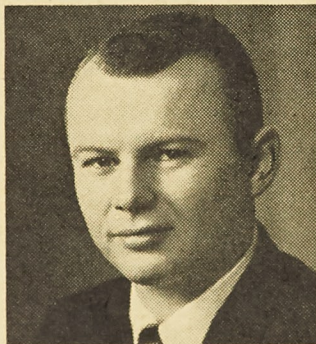
tional Association of Lutheran College Students, sponsored by the Commission on College and University Work of the Lutheran Church-Missouri Synod. Gamma Delta chapter activities are spiritual, cultural, social, and athletic in nature. These include special worship services, parties, picnics, and discussions. Regular meetings are held, usually the second and fourth Sundays of each month. The meetings start with a cost supper at 5:00 p. m. and are followed by a topic discussion led by one of the members. The topic discussion is usually ended by 7:00 p. m. and recreation follows for those that wish to stay. There will be a Gamma Delta Cost Supper this Sunday, October 26, 1958. The Cost Supper will be in the basement of the new Lutheran Church at 11th and Spring Streets, and will begin at 5:00 p. m. All interested students are welcome to attend.

Job facts from Du Pont

DU PONT PLANTS AND LABORATORIES IN 26 STATES OFFER VARIED JOB LOCATIONS TO TECHNICAL STUDENTS

BENEFIT PROGRAM MEANS ADDED INCOME

by H. J. Hollberg
Du Pont personnel representative



Don't forget the "extras" of an employee benefit program when you compare the job offers and salaries of different companies. At Du Pont, these extras mean added income that doesn't always meet the eye. They include life insurance, group hospitalization and surgical coverage, accident and health insurance, pension plan and paid vacation.

In addition, the Company sponsors a thrift plan. After two years of service, for every dollar you invest in U. S. Savings Bonds the Company sets aside 25 cents for the purchase of common stock in your name. Roughly, 60,000 of our employees are now participating in this plan.

If you have specific questions on Du Pont benefits, just send them to me. I'll be happy to try to answer them. E. I. du Pont de Nemours & Co. (Inc.), Room 12421 Nemours Building, Wilmington 98, Delaware.

EXPANSION PROGRAM OPENS UP MANY NEW CAREER OPPORTUNITIES

The location of your first assignment with Du Pont depends on your qualifications and on the openings in your field, but every effort is made to match the job and the location with your preference. The chances for a successful match are good.

Today there are men and women carving out careers with Du Pont at more than 75 plants and nearly 100 laboratories spread throughout 26 states. Last year the Company spent \$220 million for new plants and for increased capacities at existing installations. This year new plants have already been put into operation in Virginia and Michigan. Six more are under construction. Others are planned for the near future.

Most Du Pont units, it is true, are located east of the Mississippi. Company headquarters, for example, along with many labs and plants, are located in and around Wilmington, Delaware, which is a pleasant residential area within easy reach of Washington, Philadelphia and New York. But there are also plants and laboratories in California, Iowa, Kansas and Texas, and plants in Colorado, Missouri and Washington.

Wherever you're assigned, you'll be proud of the Du Pont Company both on and off the job. You'll find the people you work with friendly, stimulating, and active in the life of the community.

MECHANICAL ENGINEERING MOVIE AVAILABLE FOR A.S.M.E. MEETINGS

There's a great demand for mechanical engineers at Du Pont. In fact, the ratio of mechanical to chemical engineers is just under 1:2. Whether your chosen field is research, development, plant engineering, production supervision or sales engineering, you'll find a good future at Du Pont.

If you would like to learn in detail what mechanical engineers do in the chemical industry, arrange to see the Du Pont film, *Mechanical Engineering at Du Pont*. It is available at no cost for A.S.M.E. chapter meetings, fraternity house and dormitory showings. Write to Room 12421 Nemours Building, E. I. du Pont de Nemours & Co. (Inc.), Wilmington 98, Delaware.

SEND FOR INFORMATION BOOKLET

Informational booklets about Du Pont are yours for the asking. Subjects include: mechanical, civil, metallurgical, chemical, electrical and industrial engineers at Du Pont; technical sales, research and development. Just name the subject that interests you and send your name and school address to E. I. du Pont de Nemours & Co. (Inc.), Room 12421 Nemours Building, Wilmington 98, Delaware.



THE DU PONT REPRESENTATIVE WILL VISIT THE CAMPUS NOVEMBER 4
SIGN UP TODAY AT YOUR PLACEMENT OFFICE FOR AN INTERVIEW

SYMPOSIUM

(Continued from Page 1)

Mines to sponsor the symposium. The symposium has been held here annually since.

This year's conference is expected to be larger than ever before. Some 200 guests, from all over the United States and Canada, are expected to attend and participate in the symposium. Due to the increase in the size of the program, the conference has been extended to three days instead of the original two. Some of the leading industries to be represented are: Monsanto Chemical Company, St. Joseph Lead Company, Atlas Powder Company, Bureau of Mines, University of Utah and Explosives Division, Canadian Industries, Limited.

The scheduled symposium will be held in the Mining Building on the campus and all students and interested persons are encouraged to attend.

Some of the scheduled speakers are: Robert W. Geehan, U. S. Bureau of Mines; John L. Romig, Atlas Powder Company; Gerald W. Johnston, California Radiation Laboratory; M. A. Cook, University of Utah; J. F. C. Dixon, Canadian Industries, Limited; Dean G. Wilson, United States Steel Corporation.

Dr. Clark said that extensive testing of the new explosive, to be discussed at the conference, has been going through rigid underground tests in Nevada for the past several years. It has been used quite successfully in underwater explosions in Washington State and to remove large mounds of earth in Utah.

Anyone wishing to remove any obstacle, would simply have to buy a bag of Ammonium Nitrate Fertilizer, mix it with fuel oil and detonate it. But it has to be used in large quantities to be effective.

Feature of Week

(Continued from Page 3)

been high because many can not master the difficult subject matter and mental discipline required. In the three years from 1955 through 1957, the percentage of those students entering engineering schools but who failed to graduate rose to 48% from 45%, according to the Scientific Manpower Commission.

A recent long-range study by the Scientific Apparatus Makers Association, Chicago, also indicated a sharp rise in demand for engineers over the next 10 years.

Here are some of the hiring estimates detailed in the association's survey:

Benjamin Abrams, president of Emerson Radio & Electric Phonograph Co., Jersey City, N.J., noted the number of engineers needed in the electronics industry will be "up no less than 100% by 1968." And Bert T. Oakley, secretary of Sperry Gyroscope Co., Great Neck, N. Y., a division of

Sperry Rand Corp., said his firm's present staff of 2,100 scientific and engineering personnel will have to expand 50% in the next decade to keep up with advancements in digital computing, space equipment and nuclear development.

Aircraft Industry Needs

In the aircraft manufacturing industry, H. Mansfield Horner, chairman of United Aircraft Corp., East Hartford, Conn., predicted "requirements of engineering people probably will double by 1968, due not only to continued growth in this industry, but also to the tremendously increased complexity of the product."

Besides the highly technical areas of electronics and the aircraft development, industries such as food and glass—fields not bolstered by Government spending—predict steadily rising engineering requirements.

"The food industry will need 100% more engineers in the next 10 years," said R. M. Shultz, senior vice president of National Biscuit Co., New York. Stokley-Van Camp, Inc., Indianapolis, will see

a 40% rise in the firm's technical needs, comments R. H. Gunther, vice president and administrative assistant to the president. And C. R. Megowen, president of Owens-Illinois Glass Co., Toledo, said there will be, at least, a 50% increase in his field.

COOP PLAN

(Continued from Page 1)

It is the opinion of many employers that the co-op student makes a better student and future engineer since his school years are well spaced with important experience. This experience is over a variety of all the phases of engineering in an attempt to interest the students particular interests and abilities.

McDonnell Aircraft Corporation of St. Louis has the largest number of students enrolled in the coop plan. The company's program has three major divisions designed to acquaint the young engineering student with departmental activities required by a competitive industry today: Manufacturing and Service, Engineering

Design and Analysis and Engineering Laboratory Operations. With this "background" information, the engineer has an extensive knowledge of company organization and operation. Thus he is more appreciative of his position and is better equipped to assume his duties in designing and developing the product.

For instance in the manufacture and service the student will spend at least 40 hours and in some cases 80 hours each of the following departments: Plant Engineering, Plant Layout, Purchasing and Sub-Contracts, Planning Manufacturing Control, Liaison

Engineering, Tool Design, Tool Fabrication, Parts Fabrication, Machine Shop, Sub-Assembly, Final Assembly and Hangar Operations.

Since the student is away part of the year in industry the question of remembering his previous "book-larnin" has been a worry of the students about to enroll in such a program. The student in actuality is never away so long and there has been no evidence of any drop in the normal grade level for these students.

The University makes no guarantee as to work or wages, but

(Continued to Page 12)

Tucker's

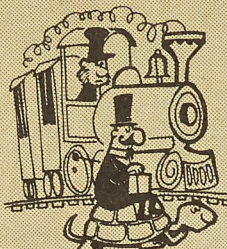
Quality  Checkd
DAIRY PRODUCTS

ENGLISH: periodical for witches



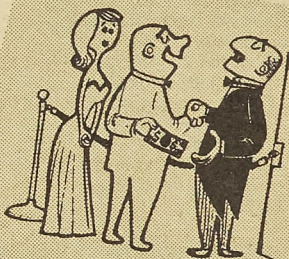
THINKLISH: HAZAGINE

ENGLISH: slow train engine



THINKLISH: POKOMOTIVE

ENGLISH: art of giving gratuities



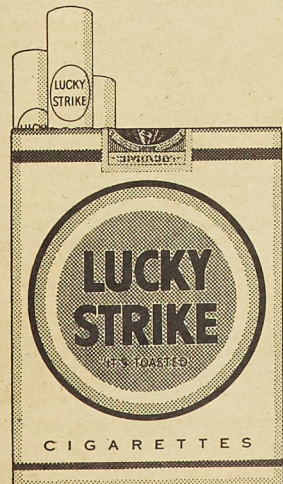
THINKLISH: TIPLOMACY

Lucky Strike presents

THINKLISH

—the funniest, easiest way yet to make money!

PUT IN A GOOD WORD AND **MAKE \$25!**



Speak English all your life and what does it get you? Nothing! But start speaking Thinklish and you may make \$25! Just put two words together to form a new (and much funnier) one. Example: precision flight of bumblebees: *Swarmation*. (Note: the two original words form the new one: swarm + formation.) We'll pay \$25 each for the hundreds and hundreds of

new Thinklish words judged best—and we'll feature many of them in our college ads. Send your Thinklish words (with English translations) to Lucky Strike, Box 67A, Mt. Vernon, N. Y. Enclose name, address, college or university, and class. And while you're at it, light up a Lucky. Get the full, rich taste of fine tobacco, the honest taste of a Lucky Strike.

Get the genuine article

**Get the honest taste
of a LUCKY STRIKE**

Product of The American Tobacco Company—"Tobacco is our middle name"

805 Pine
Jeweler
G. L. Christopher
Authorized Agent
WATCHES
OMEGA

Scholarships

(Continued from Page 1)

The Ernest T. Trigg Foundation of Philadelphia, Pa., has established these scholarships to foster the development and promote the general welfare of the paint, varnish, lacquer and kindred products industry in every possible way.

These scholarships were secured through the efforts of Dr. Wouter Bosch, Professor of Chemistry, who joined the Staff of the Department of Chemical Engineering September 1, 1958. Dr. Bosch is primarily interested in paint and high polymer chemistry and research related to these fields. Formerly Vice-President of H. Vettewinkel and Sons, Ltd., of Amsterdam, Holland, Dr. Bosch has taught and conducted research in paint chemistry at University of Utrecht, University of Minnesota, Oklahoma A. and M. College, Iowa State College, and North Dakota Agricultural College.

Dr. Dudley Thompson, Chairman, Department of Chemical Engineering, states that the instruction and research in paint and high polymer chemistry inaugurated through the efforts of Dr. W. T. Schrenk, former chairman of the department, is being expanded and extended. The laboratory has been remodeled and redecorated and new facilities have been added. Further expansion is planned. Plans are now being formulated for short courses to be offered during the summer session of 1959.

Eta Kappa Nu

(Continued from Page 1)

fulness of the early members is witnessed by the fact that Gamma Theta received the Annual Award for its activities during the second full year of operation, 1953-'54. A challenging pace was thus set for their successors. The Annual Award was won again the very next year, and a pair of gleaming silver plaques adorned the walls of the Electrical Engineering Department Office. Then followed two years in which Gamma Theta received Honorable Mention: 1955-56 and 1956-57. And now again, for 1957-58, the Annual Activities Award as the most outstanding HKN chapter in the nation. Thus Gamma Theta has received national recognition for its work every year since 1953.

What kind of a program merits this kind of national recognition? Eta Kappa Nu is not solely an honorary society. One of its chief objectives is service—service to fellow members, to the sponsoring electrical engineering department, and to the campus and community. In serving its fellow members, Gamma Theta provides a "light box," displaying illuminated symbols of the organization, to each new chapter as it is chartered, for use in their initiation ceremonies. These light boxes and the associated control panels are built and wired by a light box committee. Copies of the minutes of each business meeting are sent to professional members, so that they may keep in touch. Last year, a dittoed "Alumni News Letter" was published. A file of information on summer jobs was set up. This information was made available to all E. E. students.

In serving the Electrical Engineering Department, Gamma Theta dittoes instruction sheets for several of the laboratory

courses. These sheets are combined with the necessary graph paper and report folders, and are sold to the students in a package at nominal cost. A radio repair shop was set up, and was provided with a complete set of tools and instruments for use of E. E. students who wish to repair their own sets, or engage in electronic "do it yourself" projects. A study was made of the reference library which resulted in the purchase of several needed books. Eta Kappa Nu supplied the camera operators for the closed-circuit educational television experiments conducted on the MSM campus last spring.

As a part of its service to the community at large a series of articles was written, explaining various phases of engineering and outlining the high-school training required to prepare adequately for study in an engineering college. These articles were made available to high-school editors throughout the state. Chapter members assisted in programs of science clubs at Rolla High School, and built demonstration equipment for the Junior High. Gamma Theta provided guides

for the Science Fair, cooperated in financing and operating the free hot-dog and coke stand, and solicited over \$200 in prizes from Rolla merchants, to serve as awards for outstanding displays.

Such a program, involving as it does a wide range of activities, is obviously the result of effective teamwork. Thus the entire active membership of Gamma Theta is to be congratulated for their fine effort. Of course, the officers have a major share of the responsibility, and special congratulations are due Orville Schaffer, fall semester President, and to Norval Wallace, President for the spring semester of the 1957-58 school year. Each provided the leadership necessary to coordinate the work of the committees, and to expedite the business of the chapter with calm efficiency.

Dedication

(Continued from Page 1)

ing an impressive dedication ceremony this coming Saturday, October 25th in the Dormitory quadrangle at 10:00 a.m. Also an old dormitory is to be renamed

Kelly Hall during the program. The main speaker will be Colonel Edward Sowers, owner of the Rolla Daily News, with MSM Dean Curtis L. Wilson as Master of Ceremonies.

University representative, President Elmer Ellis and Minister Rev. Lee F. Soxman, Vice President of the Rolla Ministerial Alliance will also be present. Honored guests include: Mrs. Hallie McAnerney, Mr. and Mrs. Fred Burri, Mr. and Mrs. Michael Altman, Mr. and Mrs. George Altman, Mr. Stanley M. Altman, Mr. and Mrs. Max Altman, Mrs. Eleanor Farrar, Mrs. Leatha Rayl, Henry Ellen Rayl, Ray Rayl, James C. Rayl, Robert L. Rayl, John R. Rayl and Mrs. Richard Peterson, all relatives of those for whom the buildings were named.

The dedication program will get underway with a few selections from the MSM band, namely a march from "The Prophet," selections from "Tannhauser" and meditation from "Thais." At 10:00 Dean Wilson will then call on Rev. Lee F. Soxman to give the invocation. After a few heart-

warming words of welcome and the introduction of special guests is completed, the Dean will call on University President Elmer Ellis to say a few words. Next on the agenda will be the actual unveiling of the nameplates of the respective buildings by the parents or close relatives of the structures namesake. A special selection played by the MSM band accompany each unveiling. Before each cornerstone is revealed a short biography will be read on those for whom each building has been named.

Dean Wilson will then introduce Colonel Edward Sowers, who will give a closing address. Immediately following, Rev. Lee F. Soxman will say benediction. The band will play a final selection "Campus Bells" by Plange.

In case of inclement weather the dedication will be held in the school cafeteria, Rayl Hall.

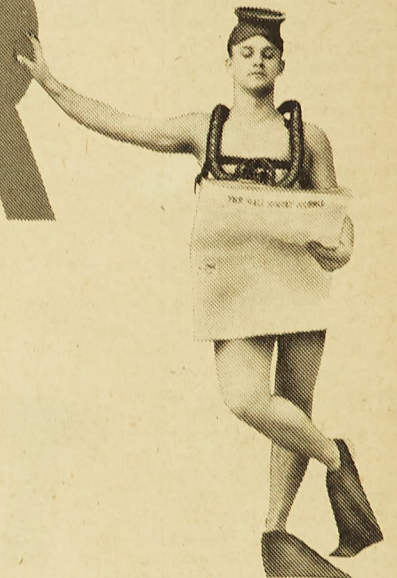
It is the sincere hope of the faculty that as many MSM students as possible witness this dedication Saturday.

PARENTS' DAY
TOMORROW

MECHANICAL, ELECTRICAL, CHEMICAL ENGINEERS - AND CHEMISTS:

BE A

BIGGER FROG



IN A SMALLER POND AT HAGAN CHEMICALS & CONTROLS, INC.

Small pond? Small enough that you won't be a platoon-system trainee, or a number on a king-size roster. We're looking for just 20 qualified graduates this year.

Yet, at Hagan, you'll be part of a company big enough to number among our thousands of customers: 98 of the 100 largest industrial firms in America; 40 of the 50 largest utilities; and thousands of other industrial, municipal and household customers.

WHAT DOES HAGAN MAKE AND DO?

Controls and Instrumentation. We design, manufacture and sell automatic control and instrumentation systems for use in power plants, steel mills, aeronautical testing facilities, and in many basic process control applications—including electronic instrumentation.

Industrial Water Service. Our Hall Service Engineers help thousands of industrial plants prevent costly water troubles, by on-the-job consultation and service for every type of industrial water problem—from procurement to disposal.

Calgon and Hagan Chemicals. Calgon phosphate compounds, and Calgonite detergents—including popular household versions of each—are among the many chemicals we process and sell for water treatment in utility, industrial, municipal and household water systems.

HOW WE TRAIN ENGINEERS AND CHEMISTS AT HAGAN

Mechanical and electrical engineers, for our Mechanical Division, receive six months training, including: laboratory work; classroom instruction; on-the-job train-

ing with a Field Engineer; and rotation in various departments. Then, assignment as a Field Service Engineer—where possible in a territory of your choice.

Chemical engineers and chemists, for our Hall and Calgon Divisions, receive six months training, including: classroom work; on-the-job training with a Field Engineer, and rotation in various departments. Then assignment to a District Office—where possible in a territory of your choice.

What's ahead for you? Hagan is growing fast. Field Service Engineers and Chemists have excellent opportunities for positions in Sales Engineering, or administrative work.

For specific details on type of work, travel, benefits, etc., make an appointment through your College Placement Officer to learn about the opportunities for you at Hagan. Remember, you start as one of a select team of only 20 graduates.

HAGAN CHEMICALS & CONTROLS, INC.

Hagan Building, Pittsburgh 30, Pennsylvania
Divisions: Calgon Company, Hall Laboratories

Hagan personnel officer will be interviewing on the date shown below. See your placement officer for interview time.

Monday, November 17

FRIDAY, OCTOBER 24, 1958

National Contest

Are you tired of the monotony of life? Do you want to win a prize of \$100,000? Then enter the National Contest. It's the only contest where you can win a prize of \$100,000. The contest is open to all students of high schools and colleges. The prize is \$100,000. The contest is open to all students of high schools and colleges. The prize is \$100,000.

These are the things GSI with degree in math, geology, engineering.

EIGHTY-FIVE per cent of our executive engineers all of them have become as successful as Street.

IF A CHANCE in work exploration would like V. W. T. campus W.

Geo Ser 900 Exchange Dallas

National Safety Contest

Are you tired of the everyday monotony of life on the ivy campus of dear old "MSM?" Of the daily blood sucking assignments and tests that your dear and friendly professors in trust in you? Has your ego been injured from the lack of girls calling you on the telephone? Do you owe between ten and one hundred thousand dollars?

One easy way to end it all and pay off your debts at the same time is; to take out a rather high life insurance policy—say between one hundred and nine hundred thousand dollars—don't get me wrong I don't mean for you to commit suicide at least not voluntarily—actually it isn't even suicide though some people might think that it is. The only thing that you have to do is—and it really is very little—to drive on any American highway during Thanksgiving or the Christmas holidays for the chances of your dying and collecting your insurance policy are very good. During these holiday periods many hundreds die so why couldn't it be you, then all of your problems would be over. Maybe you could get a free funeral from KTTR's "Free Funeral Contest" and this would undoubtedly save you money, also another way to make money on your misfortunate accident is to take a photograph of yourself dying and enter it in our national contest and win yourself one hundred dollars.

Seriously, the holiday death toll is no joking matter. Too many people die for no apparent reason, all out of carelessness and disregard for others. The death toll on American highways has risen steadily and if the trend continues it will rise to an unpredictable count. Every holiday and at any time of the year, we on this campus have a death or injury among us either in driving back and forth from home to school or just cruising around.

If nearly 40,000 Americans were killed in one catastrophe, the news would put the nation in sorrow. Yet just last year 38,500 Americans were killed and over 1,400,000 were maimed and injured in automobile accidents. Economic loss to the nation was valued at \$5,300,000,000 and at the rate of increasing accidents 42,000 Americans will be dead by the end of this year.

This is the time of the year when the traffic problem becomes most serious. You as citizens of

Rapid Advancement. World-Wide Travel..

THESE ARE TWO of the things GSI has to offer men with degrees in geophysics, math, geology or electrical engineering.

EIGHTY-EIGHT percent of our executives are science or engineering graduates, and to all of them the world has become as familiar as Main Street.

IF A CHALLENGING position in world-wide petroleum exploration is a subject you would like to discuss, Mr. V. W. Teufel will be on campus Wednesday, Oct. 29.

Geophysical Service Inc.

900 Exchange Bank Building
Dallas 35, Texas

states and the national government can do much in stamping out the problem of death on the highway. Write to your governor, senators and law enforcement organizations asking for stricter enforcement of traffic laws during the coming holidays and you yourself observe all traffic laws; it might save the life of one of your family or even a total stranger.

The MINER is sponsoring with the Lumberman's Mutual Casualty Company a national college newspaper contest on safe driving. Anybody on campus may share in \$1200 in cash prizes if one participates. All one has to do is to write a best feature, best editori-

al, best single cartoon or best photograph and pick up an extra \$100.

The judges are of the highest caliber and are particularly interested in safety on the American highway. Examples of past judges are Ivy Baker Priest, Treasurer of the United States, Wesley I. Nunn, Director of Advertising, Standard Oil Company, and Bruce Russell, Pulitzer prize winner cartoonist, Los Angeles Times.

So let's get the ball rolling and win ourselves some money. Get those articles, cartoons and photographs in for the contest closes January 12, 1959.

Parents Day

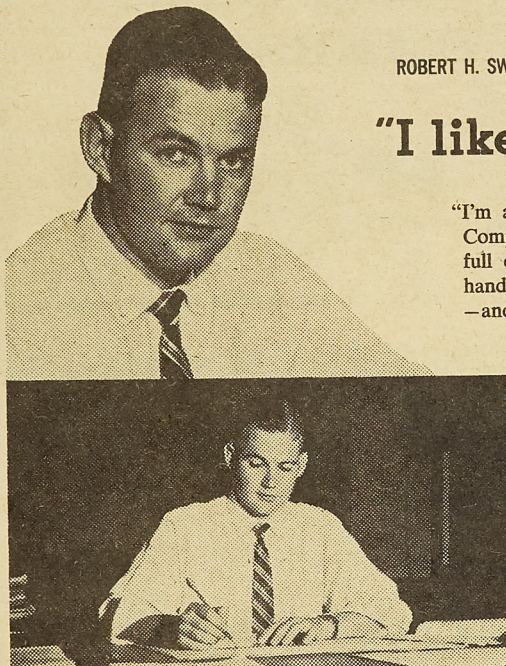
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also made a lot of preparations and plans for Parents' Day. These will become evident at 2 o'clock Saturday afternoon as the Miners try to avenge a 19 to 7 loss to Cape Girardeau last Friday night. When they meet Kirksville State Teachers everyone can be sure that they will put up one of their

best efforts of the season in order to stay among the leaders in the MIAA conference race.

After the football game the day will be closed with a banquet at the Rolla High School Cafeteria at 6 o'clock. There are 650 reservations and all parents are invited to attend. Invitations have already been sent to the parents of the freshmen.

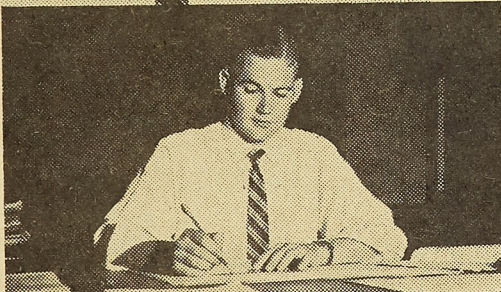
COLD BEER DON BOCKHORST LIQUORS
EAST SIDE GROCERY & BEVERAGE
904 Elm St. Phone EM 4-3218



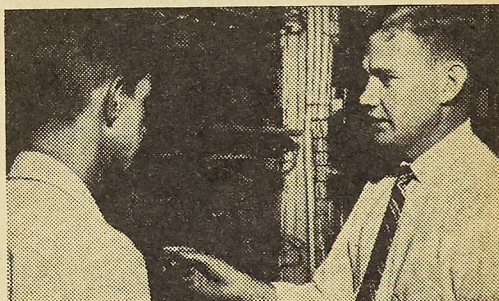
ROBERT H. SWISHER, B.S.E.E., GROVE CITY COLLEGE, '54, SAYS:

"I like my job. Here's why."

"I'm a radio transmission engineer for Bell Telephone Company of Pennsylvania. My work is interesting and full of variety, and I get all the responsibility I can handle. Have a look at today's assignment, for example—and see for yourself."



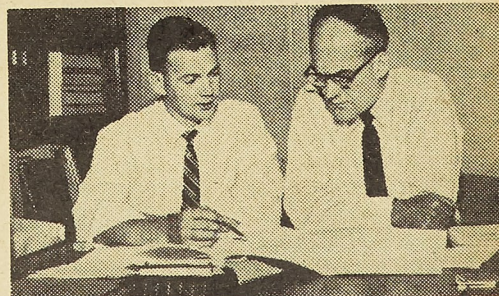
"8:30 a.m. I'm at my desk applying a new method for overcoming interference on Pittsburgh's mobile radio channels. It involves operating inactive channels on reduced power."



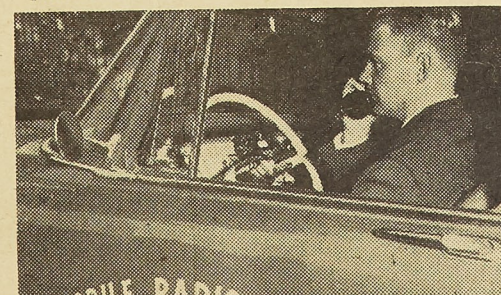
"10:45 a.m. Before any modifications can be made, it's important that I check apparatus and wiring options. That's what I'm doing here at the Remote Control Terminal equipment."



"1:30 p.m. After lunch, I take a company car out to the transmitter tower site. Here I check wiring and explain our plan to one of our mobile radio maintenance men."



"3:15 p.m. I review my proposed modifications of auxiliary control circuits with Supervisor Sid Graul. Now I'll prepare work orders, and next week we'll make operational tests."



"Final phase. The operational test is made from an actual mobile radio unit. I'll make test calls and monitor the channels from various points within the Pittsburgh area."

"See what I mean? I really get to 'carry the ball.' Soon I'll be taking a special course in advanced electronics at Bell Labs—a great opportunity. As I said—I like my job."

Like Bob Swisher, you may find a bright engineering future with the Bell Telephone Companies. Talk with the Bell interviewer when he visits your campus. And read the Bell Telephone booklet on file in your Placement Office.

BELL TELEPHONE COMPANIES



UPTOWN THEATRE

MOVIES IN CINEMASCOPE

Thursday, Friday and Saturday
October 23-24-25

'Buchanan Rides Alone'

Randolph Scott, Jennifer Holden

Sunday, Monday and Tuesday
October 26-27-28

Sunday Continuous from 1 p. m.

'Me and the Colonel'

Danny Kaye, Curt Jurgens

Wednesday-Thursday, Oct. 29-30

Benefit Show for
St. Patrick's Church

One Show Nightly Beginning at
7:30

Feature Goes on at 8:00

'The Song of Bernadette'

Jennifer Jones, Charles Bickford

RITZ THEATRE

MOVIES ON WIDE SCREEN

Friday-Saturday, Oct. 24-25

Saturday continuous from 1 p. m.

'Hold Back the Night'

John Payne, Mona Freeman

— PLUS —

'The Badlanders'

Alan Ladd, Ernest Borgnine

Sunday-Monday and Tuesday
October 26-27-28

Sunday Continuous from 1 p. m.

'Drums Across the River'

Audie Murphy, Walter Brennan

— PLUS —

'Thundering Jets'

Rex Reason, Audrey Dalton

Wednesday - Thursday
October 29-30

'The Three Faces of Eve'

Joanne Woodward, David Wayne

— PLUS —

'Portland Expose'

Edward Binns, Carolyn Craig

ROLLA DRIVE IN

SHOW STARTS AT DUSK

Friday - Saturday
October 24-25

'The Creature Walks Among Us'

Jeff Morrow, Leigh Snowden

— PLUS —

'A Day of Fury'

Dale Robertson, Mara Corday

ALSO

Don't miss the last 4 chapters
of the "Congo Bill" serial

THE ROLLA DRIVE IN
THEATRE WILL CLOSE FOR
THE SEASON AFTER SATUR-
DAY NIGHT, OCT. 25.

Thank You for Your Patronage

Co-op Plan

(Continued From Page 9)

does schedule advantageous inter-views for students with repre-sentatives of the employers. Wages are paid directly to the students by the employers.

The Missouri School of Mines and Metallurgy offers cooperative courses for students in Mining, Petroleum, Metallurgical, Nuclear Civil, Mechanical, Electrical, Chemical and Ceramic Engineer-ing, and Geology Physics and Chemistry.

It has been the policy of some of the companies to send a particu-larly good coop student back to

school after graduation for post graduate work. The company pays the student's tuition, and his normal rate of pay while at the School of Mines. The company however suggests the curriculum for the student which would be most helpful to the betterment of the firm.

Dr. Miles, head of the M. E. Department is the coordinator of the coop system; he is ably as-sisted by Dr. Great the Executive Secretary.

Many students who would not be able to continue on to school have found this a practical and profitable solution to their prob-lems.

Wife leaving movie, to hus-band: "I wish just once they'd have as good a picture this week as they're going to have next week!"

One sweet young thing to an-other: "It's the little things a-bout him that I like - he owns a small mansion, a small yacht and a small racing stable!" The Reader's Digest.

GENE'S BARBER SHOP
WAS LOCATED AT 1005 PINE
HAS MOVED
To 207 West 11th

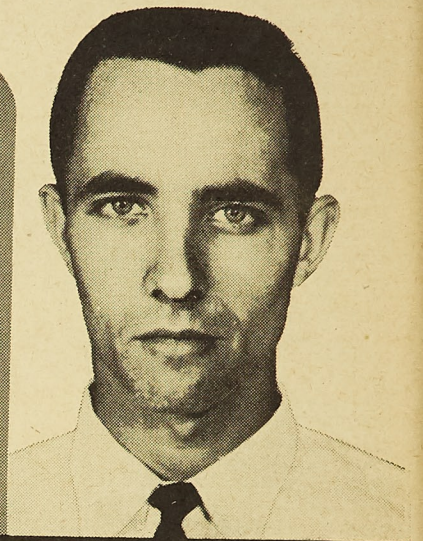
SENIORS!!

Get Your
OFFICIAL M. S. M.
CLASS RINGS
From
HARRY WEST
At Tau Kappa Epsilon
1107 State Street
Phone EM 4-4061

from Frank Wilson, E.E., Class of 57...

about Ramey's and
...outstanding careers
at EMERSON

FOR
ROLLA
GRADUATING
ENGINEERS



FRANK WILSON graduated from the Missouri School of Mines in 1957. His field is E.E. Emerson Electric assigned him first to the section responsible for the design and development of transistor circuits on the B-58 fire control system. Frank is currently at Eglin Air Force Base, Florida, assisting in the test phase of the completed system.

"...a good time for thinking..."

"A man's really got to study to make the grade in engineering, whether it's E.E., or M.E., or C.E. But when I was at Rolla, we found time to sit around and just talk, at some place like Ramey's. It was a good time for thinking about our future. We were all pretty hot on being right, no mistakes, and we knew what we wanted out of life. I'm sure it's the same way with you."

"...we wanted to get off on the right foot..."

"We knew we wanted to get off on the right foot with an outfit where we'd have a chance, right off, to take responsibility on important projects. That's why we worked hard at finding out just what various companies had to offer us. We wanted to know about salary, sure. But we also wanted to know about the work we'd be doing about our chances for getting ahead in engineering and manage-ment, about the kind of people we'd be working for ... and with. And we found that the best place to get the answers was at campus interviews sponsored by the companies looking for engineers."

"...I decided... Emerson."

"As a result of my interviews, I decided to go with Emerson Electric. They offered me a realistic salary, the knowledge that Emerson had important projects to work on, and I could see for myself that there'd be plenty of opportunity to move up fast in a company where engineers and management are young and aggressive, with young, hard-fisted plans for the future."

"...some pretty hot projects here..."

"Right now, we're working on some pretty hot projects here, stuff like the B-58 Hustler bomber fire control system and F-101 Voodoo fighter structure. We're working on missiles, too. But behind this important defense work, Emerson Electric is sound in commercial manufacturing, with a reputation in the electrical field that stretches back to 1890. And that literally means money in the bank."

"...give yourself every break..."

"I think Emerson is a darned good career outfit. But I know every man's got to work out his own future. That's why all I'm really urging you to do is give yourself every break by getting all the answers before you decide. Sign up to talk with the people from Emerson Electric. It's just a half hour of your time, and you'll learn exactly what Emerson can offer you. Remember, it's your future you're going in to talk about."

ENGINEERS...

E.E.

M.E.

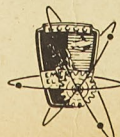
We'll Be on Campus
Monday, Oct. 27, and
Tuesday, Oct. 28
To Talk With You
About Opportunities
At Emerson

Your Engineering Placement Office
can arrange an interview for you.
Drop by and see them now. What-
ever your eventual decision may be,
we'd like to talk with you.

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Is Our Business!"

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