



10 Nov 1961

## The Missouri Miner, November 10, 1961

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## 200 to Attend Asphalt Conference at C.E. Dept.

More than 200 representatives of the asphalt industry will be on the campus of the Missouri School of Mines and Metallurgy November 16th and 17th participating in the Asphalt Conference. The Conference, a clinic type meeting, will feature presentations on the development and modern uses of asphalt to state engineers, representatives of industry and educators.

The meeting is sponsored by the Department of Civil Engineering of the Missouri School of Mines and Metallurgy, the Missouri Bituminous Contractors Association and the Asphalt Institute.

Two College Park engineers will present talks to the Asphalt Conference to be held November 16th and 17th on the campus of the

Missouri School of Mines and Metallurgy in Rolla, Missouri.

Bernard F. Kallas, Research Engineer of the Asphalt Institute will present a talk on "Effect of Mineral Fillers and Additives on Asphalt Concrete Mixes," and Dixon Smith, Hydraulics Engineer of the Institute, will speak on "Special Uses for Asphalt Concrete Mixes."

W. L. Hinderman, Division Engineer of the Asphalt Institute, 1951 University Avenue, St. Paul, Minnesota, will speak on "Pavement and Shoulder Maintenance."

Frank Lyons, Chief Engineer of the Oklahoma Department of Highways and J. Rogers Martin, Consulting Engineer of Oklahoma City, Oklahoma will participate. Lyons will present a report on the Oklahoma Test Road and Martin will discuss Design and Construction of Deep Strength Asphalt Pavements.

Jim Ward, Chief Paving Engineer of the Barber Brene Company of Aurora, Illinois, will present a talk on "Plant Capacity vs. Lay-Down Capacity," at the Asphalt Conference.

Dr. Thomas S. Fry, Associate Professor of Civil Engineering at the Missouri School of Mines and Metallurgy will serve as moderator for the November 17 session of the Asphalt Conference.

Professor E. W. Carlton, Chairman of the Department of Civil Engineering of the Missouri School of Mines and Metallurgy, is acting as host for the Asphalt Conference.

John J. Leslie, County Engineer of the St. Louis County Highway Department, will moderate the first session of the Asphalt Conference.

Glenn V. Jones, Materials Engineer for the Bureau of Public Roads, Kansas City District Office, will present a talk on the Utilization of Local Materials at the Asphalt Conference.

E. M. Crump, Bituminous Engineer of the Department of Public Works of Springfield, Illinois, will speak on "Density in Asphalt Concrete Mixes" at the Asphalt Conference.

(Continued on Page 8)

## MSM Band to Perform at the Red Bird Game

The Missouri School of Mines and Metallurgy ROTC Band will perform over TV nationally at the November 12th home game of the St. Louis Cardinals.

The band program at the Missouri School of Mines is under the direction of David L. Oakley and is a joint sponsorship of the Missouri School of Mines and the Department of Military Science. Under this program military, football and concert bands are provided.

## Two Scholarships To Be Awarded After Nov. 18

Two Student Educational and Loan Foundation Scholarships valued at \$100 each will be awarded during the current semester. These scholarships are provided through a foundation established by a group of MSM Alumni.

The scholarships are open to all freshman and sophomore students. Recipients will be selected by a Faculty Committee on the basis of scholarship, integrity, engineering promise and need. Application blanks are available in Dean Ponder's office, Room G6, Parker Hall.

It is suggested that all applications be filed no later than November 18, 1961. Selection of recipients will be made as soon as possible after that date.

### NOTICE

#### SENIORS & JUNIORS

Anyone who hasn't had his picture taken for the Rollamo may have it taken Nov. 14, 15, and 16 from 6:30 p. m. to 9:30 p. m. at Esquire Studio, 708 Pine St.

### NOTICE

ANY LICENSE NUMBER CHANGE SHOULD BE REPORTED TO THE OFFICE OF TRAFFIC SAFETY, BUILDING T-7.

# MINER

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME 48

FRIDAY, NOVEMBER 10, 1961

NUMBER 9

## Robert Lewis Is Elected V.-Pres. of Registrars

Robert B. Lewis, Registrar and Director of Admissions at the Missouri School of Mines and Metallurgy, has been elected Vice President of the Missouri Association of Collegiate Registrars and Admission Officers Association at the annual meeting held last weekend (October 30 and 31st) in Kansas City.

Lewis first came to the Mis-



ROBERT LEWIS

souri School of Mines and Metallurgy in 1958. He was educated at Missouri University where he received his Bachelor of Science degree in 1958.

Leo Sweeny of the University of Kansas City was elected president, and speaker for the meeting was Paul Trump, Registrar and Director of Admissions of the University of Wisconsin.

## 22nd Annual Parents' Day Is a Great Success



Deans Ponder, Hershkowitz and Wilson greet parents.

Parents' Day was established in 1939, in a period of development of growth of interest in the school by the people of the state. The "Engineers' Day" and "Dads' Day" of 1938 had been so well received, it was decided in 1939 to expand the latter to "Parents' Day."

In an invitation to visiting parents, Dean Wilson, said, "Your acquaintance with our facilities makes for better understanding and enhances mutual co-operation. We are glad to have the opportunity to open the doors of MSM for your inspection and to demonstrate to you a few of the many

phases of engineering education."

This year's "Parents' Day" was no doubt one of the most successful ever held on this campus. For many of the parents (and eventually the most exhausted ones) the day began immediately on arriving with registration at the Student Union and/or greeting the various and too-numerous-to-remember friends, and friends' parents of their Miners.

The Independents provided an invaluable service by enlisting guides for the days' tours. Through the morning, nine or ten tours were running simultaneously on every hour, indoctrinating folks

(Continued on Page 8)

## Singleton Palmer to Be At Student Union Nov. 11

Saturday, November 11, is the date for the Student Union Mixer. Singleton Palmer will be playing at the "Get Acquainted Tea" from 3:00 to 6:00 in the afternoon. Everyone is invited to attend. This includes those of you that have a date and wish to come and listen and also those that do not have a date and wish to make an acquaintance. Some of you may have heard Singleton Palmer before; he is from the Opera House on Gaslight Square in St. Louis and is noted for his two-beat Jazz.

The highlight of the evening is a dance in the Student Union Ballroom. The dance will be from 8:00 to 12:00 and the sounds for the evening are to be provided by the MSM Drifters, a very capable group. The admission to the tea and the dance is free, courtesy of your Student Union. There is however, only one slight obligation, which is that you are expected to entertain your date for the evening meal.

The Student Union Mixer Committee has been receiving many favorable replies from the girls'

colleges and nursing schools and therefore a large turnout is expected. The girls will be arriving around 3:00 in the afternoon. The dress for the tea and the dance in the evening is semi-formal, so slip on a sport coat and be at the Student Union by 3:00 tomorrow.

The Student Union also sponsors many games and tournaments throughout the school year, among which are a golf tournament, a ping pong tournament (now under way), and a bridge tournament. The results of the golf tournament are as follows: Bill McCracken, first; Ralph Hect, second. The bridge tournament is planned sometime in the future and there will be further information at a later date.

The movie this Sunday evening at the Student Union should fascinate all the sports car enthusiasts; it is THE RACERS starring Kirk Douglas, Bella Darvi, Gilbert Roland, Cesar Romero, Lee J. Cobb and Katy Jurado. It is the story of the stormy career of a bumpkins sports car racing champion.

(Continued on Page 8)

## Engineers Day to Be Held Here November 18

Dean Curtis L. Wilson of the Missouri School of Mines and Metallurgy is inviting all Missouri high school juniors and seniors and all junior college sophomores from both public and private institutions, along with their parents and school officials, to the annual Engineers Day on the campus November 18th.

On that day the visitors will be special guests of the School at an open house during which all the departments on the MSM campus will cooperate to give guests an opportunity to see the School from the inside. They will receive first-hand information about the academic programs, housing, teaching and other facilities, activities, operations and student life at the School.

Engineers Day is designed to encourage high school students to continue into higher education; to provide an advance insight into students problems; to assist in the selection of a college; and to make the student sufficiently familiar with a college campus to ease the transition from high school to college.

The guests will be taken on campus tours in small groups, according to the special interests of the group members. Areas to be covered include Mining and Petroleum Engineering, Metallurgical and Nuclear Engineering, Mathematics, Chemistry, Geology, Physics, Mechanical Engineering, Electrical Engineering, Chemical Engineering, Petroleum Refining, Ceramic Engineering, and the Department of Military Science. Information will be given on campus life, fraternities, and the more than 80 student professional, musical and honorary organizations.

Time for the event is from 8:00 a. m. to 5:00 p. m. Tours begin at the Student Union Building. Free sandwiches and soda will be served to students and parents who have registered for the tours.

The Missouri School of Mines and Metallurgy is a state institution of higher learning, and offers work toward degrees in 17 fields of Engineering and Science. A division of the University of Missouri, the school's more than 3315 students are from 46 states and the District of Columbia and 42 nations.



# Miner Editorial

## A CHANGE IN ROTC?

All freshmen and sophomores are required to take the basic military courses. These courses are of a basic military nature and also are a foundation for the senior courses. While everyone who takes R. O. T. C. will be in the Armed Forces some day not all are interested in being an Army Officer. The R. O. T. C. program is designed to make Army Officers. The basic course, as it is now, is of no real value to the "non Army Officer" man for he will learn all of the material in the first few weeks of "boot camp." Why can't the R. O. T. C. Department set forth more valuable courses to the men who aren't interested in commissions?

We are on the brink of a war although most people refuse to admit it. While military learning is necessary it could be supplemented with a counterpart which would be more beneficial to civilians. Drill teaches men to be followers and to work as a unit but there are things which are as valuable to know in an atomic war.

Why not shorten the weeks of drill and add a course in radioactive survival? There are military manuals which cover the subject so it must be of military concern.

Military history is a fascinating and interesting subject. It, justly gives the student a great pride in the deeds of the United States Army. Without the Army there would be no United States, but while we are patting the Army on the back in the classroom radioactive fallout is drifting over from Russia. The time for praise will be when we have defeated the Russians. Let's relinquish a little of the praisetime and learn how to exist in an atomic war as civilians. It would be nice if there were someone left to praise the Army when they return home.

Survival is paramount, and while the decision to make a more valuable basic course may rest with the "higher-ups" the suggestion may well come from M. S. M.

1952

## LOOKING BACK

(Student Council Minutes)

The meeting was called to order at 7 p. m. according to the usual forms and customs. There were 11 present.

### OLD BUSINESS:

*Trophies for the Frolics*—an inscription for the trophies was passed on, the ordering to be done by Joe Geers of the St. Pat's Board. A sum of \$30 was appropriated.

### NEW BUSINESS:

Chief of Police George Pruett spoke to one of our representatives about the loss of street signs that has been going on for some time now. He stated that relations with the student body had been the best, but that the theft of signs still goes on. He asked that anyone knowing of the whereabouts of any signs at all please try to have them returned. No questions will

be asked, just place them on the curbing and they will be picked up.

### LABORATORY FEES

Representative Hockenbury stated that he had been approached by several students inquiring as to where the money goes that is paid for lab fees. Many students not taking labs are still required to pay the fee. The bulletin states that these fees are to be refunded, yet no refunds have been coming back for several years now. They thought it unfair to have to pay this fee and not using any laboratory equipment.

The meeting was closed at 7:45 according to the usual forms and customs.

Respectfully yours,  
Leland Beverage,  
Secretary, S. C.

## LITTLE MAN ON CAMPUS



"BUT, MISS FROST, WE MUST BE FAIR - IN HAWAII THEY SPEAK WITH THEIR HANDS."

## 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.

The subscription is \$1.00 per semester. This Missouri Miner features activities of the Students and Faculty of M. S. M.

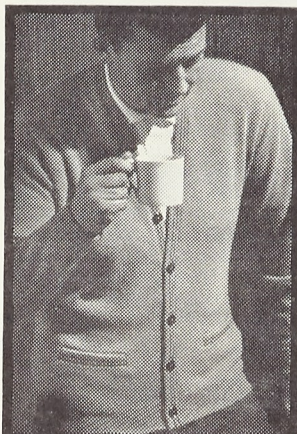
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It's O.K. to keep an open mind, if ye keep yer eyes open for the folks who're allus ready to throw a lot of rubbish in it.

BOOK: Something that's considered great if banned in Boston.

## MIR CATALINA

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## On Campus with Max Shulman

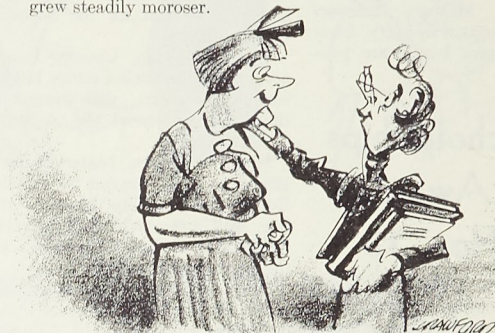
(Author of "I Was a Teen-age Dwarf", "The Many Loves of Dobie Gillis", etc.)

## POVERTY CAN BE FUN

It is no disgrace to be poor. It is an error, but it is no disgrace. So if your purse is empty, do not skulk and brood and hide your head in shame. Stand tall. Admit your poverty. Admit it freely and frankly and all kinds of good things will happen to you. Take, for instance, the case of Blossom Sigafos.

Blossom, an impecunious freshman at an Eastern girls' college, was smart as a whip and round as a dumpling, and scarcely a day went by when she didn't get invited to a party weekend at one of the nearby men's schools. But Blossom never accepted. She did not have the rail fare; she did not have the clothes. Weekend after weekend, while her classmates went frolicking, Blossom sat alone, saved from utter despair only by her pack of Marlboros, for even an exchequer as slim as Blossom's can afford the joys of Marlboro—joys far beyond their paltry price: rich, mellow tobaccos, lovingly cured and carefully packed, and an exclusive selectate filter. Croesus himself could not buy a better cigarette!

However, Marlboro's most passionate admirers—among whose number I am paid to count myself—would not claim that Marlboro can entirely replace love and romance, and Blossom grew steadily morose.



"Accept these gifts from Tom."

Then one day came a phone call from an intelligent sophomore named Tom O'Shanter at a nearby men's college. "Blossom," said Tom, "I want you to come down next week for the barley festival, and I won't take no for an answer."

"No," said Blossom.

"Foolish girl," said Tom gently. "I know why you refuse me. It is because you are poor, isn't it?"

"Yes," said Blossom.

"I will send you a railroad ticket," said Tom. "Also a hard-boiled egg in case you get hungry on the train."

"But I have nothing to wear," said Blossom.

Tom replied, "I will send you one suit of cashmere, two gowns of lace, three slacks of velvet, four shoes of calf, five socks of nylon, and a partridge in a pear tree."

"That is most kind," said Blossom, "but I fear I cannot dance and enjoy myself while back home my poor lame brother Tiny Tim lies abed."

"Send him to Mayo Brothers and put it on my tab," said Tom.

"You are terribly decent," said Blossom, "but I cannot come to your party because all the other girls at the party will be from rich, distinguished families, and my father is but a humble woodcutter."

"I will buy him Yosemite," said Tom.

"You have a great heart," said Blossom. "Hold the phone while I ask our wise and kindly old Dean of Women whether it is proper for me to accept all these gifts."

She went forthwith and asked the Dean of Women, and the Dean of Women laid her wise and kindly old hand on Blossom's cheek and said, "Child, let not false pride rob you of happiness. Accept these gifts from Tom."

"Oh, bless you, Wise and Kindly," breathed Blossom, dropping grateful tears into the Dean's reticule. "I must run and tell Tom."

"Yes, run, child," said the Dean, a smile wrinkling her wise and kindly old eyes. "And ask him has he got an older brother."

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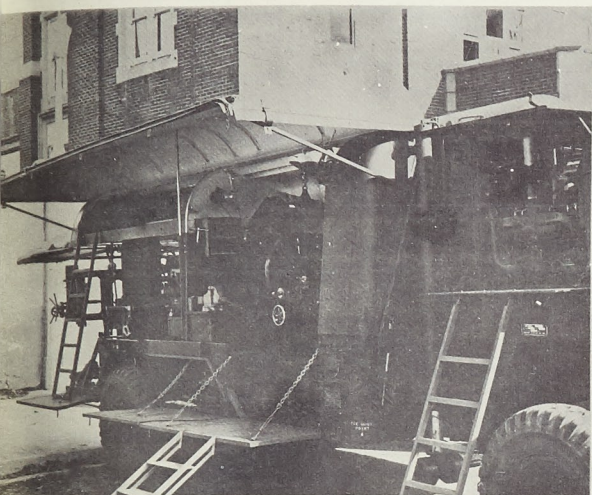
The makers of filter-tip Marlboro, who bring you this column, are also the makers of non-filter king-size Philip Morris Commanders, who also bring you this column. Have a Commander. Welcome aboard!



## Engineer Equipment Display



Pictured above are members of a combat squad from the 5th Engineer Combat Battalion who took part in the Engineer Equipment Display on Parents' Day.



Shown above is an Engineer Field Maintenance Van. This unit contains lathes, drills, and other machine shop tools needed to repair engineer equipment in the field. Also appearing in the display was an aluminum footbridge set constructed by the local National Guard.

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## LITTLE MAN ON CAMPUS



"ALL AVAILABLE SEATING HAS BEEN ASSIGNED, MISS LACY, BUT, AS ENGINEERS, PERHAPS WE CAN WORK SOMETHING OUT."

## Alpha Sigma Mu Holds Smoker

Alpha Sigma Mu, national metallurgical honor fraternity, held its fall smoker in Room 216, Student Union, on October 31. This smoker was held for prospective candidates of the fraternity and eight men were pledged. These were: seniors, Errol Bascue, Philippe Borthayre, Allen Havey, Francis Nataluk, Robert Toma, and Jerry Waters; juniors, Clint Clark and Robert Koester.

The meeting was called to order at 7:00 p.m. by president Gary Welch, and after a short talk concerning the history of Alpha Sigma Mu, the pledges were told of their pledge duties.

The evening was highlighted by a talk presented by Dr. A. W. Schlechten entitled "The Place of Scholarship in an Engineering School."

After this the meeting was adjourned to the coffee shop where coffee and doughnuts were enjoyed by everyone.

## MSM Senior Participates in P & G Training Program

Clifford Larsen, senior in chemical engineering, took part in Procter & Gamble's summer training program and helped to pioneer a unique business simulation exercise called MATRIX. Here is an account of his experience.

You may have wondered whether it is really necessary to start at the bottom of the business ladder before you can learn what it's like at the top. The trip up often takes time. What if it turns out that you would have preferred a career with another goal after you are well along on the climb.

Your concern is a natural one, of great importance to industry as well as to you. Despite the increased use of computers, automation and technical advances, industry depends for survival on the steady development of new management talent possessing the essential quality of sound judgment.

To give student trainees a better knowledge of what it means to be managers, Procter & Gamble last summer telescoped the ladder of success. Through a unique new business game called MATRIX, it gave student trainees a job as plant manager. Among the managers was Clifford Larsen.

He spent fifteen "months" managing an imaginary plant with a management staff of 45 people as well as 300 production and mechanical employees. The trainee managers faced mechanical failures, delays in the shipment of raw material, a snowstorm that brought work to a standstill, and personnel problems. They handled this lively job in one week during August—thanks to MATRIX.

MATRIX—which is an abbreviation of Management Trial Exercise—was developed by Procter & Gamble to expose student trainees to the kinds of decisions that its plant managers make. In thirteen Procter & Gamble plants all over the United States, 90 college students played MATRIX in groups of four to twelve, guided and evaluated by an umpire. Clifford was in a group in Procter & Gamble's St. Louis plant. The group included students from several other schools.

Trainees were put in charge of

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quarters and to his plant organization.

The problems he came up against were supplied by Procter & Gamble's plant managers themselves.

During the course of his fifteen "months" he was scored on how much his decisions cost, what the quality of his production was, and how effective he was in dealing with his "employees." P & G devised a scoring system only to make MATRIX more interesting, emphasizing that scores would not be used to evaluate trainees if they were to become applicants for regular employment after graduation.

In the final session each MATRIX group participated in a critique of the problem areas, the decisions made and an analysis of the implications considered in reaching them.

MATRIX is the first business game to use a large number of non-recurring judgmental problems. The game was arranged so that, as in real life, some of the trainee's decisions came back to haunt him as the "months" passed.

The new game is the latest development in Procter & Gamble's summer training problem, which was started in 1939. Under the program, Procter & Gamble provides summer jobs for students who are within a year of their bachelor or master degrees in science or engineering.

Each student's training was supervised largely by department managers and group managers. He got practical experiences in handling problems faced regularly by P & G technical people, in addition to the opportunity to get an insight into the plant manager's responsibilities through MATRIX.

The entire summer program, including MATRIX, gave him an opportunity to try out the technical training he received in school in a real industrial situation.

Last summer was the first time Procter & Gamble tried MATRIX. The Company developed MATRIX in collaboration with Dean Lowell Herron of Clarkson College of Technology.

Procter & Gamble has used business games before, including a production scheduling game and an in-basket exercise, a simulation based on the problems presented a production manager in a typical day's incoming mail.



## Greeks Host Parents; Big Day Is Great Success

Parents' Day at the Sig Tau House commenced with a buffet luncheon at the house before the game. After all the Sig Taus and their parents attended the game, they returned for a tea served by the Mothers' Club. The annual Mothers' Club meeting ended the day's program.

Today is a special day for the members of Alpha Omega Chapter of Sigma Tau Gamma. On this date exactly five years ago, the Alpha Omega Chapter was officially installed as a charter chapter of Sigma Tau Gamma Fraternity. In a ceremony held during the evening in the College Inn of the Edwin Long Hotel, Mr. Earl Webb, member and past President of the Council of Sigma Tau Gamma, presented the charter to Walter Rothermel, President of Alpha Omega Chapter. Other Fraternity dignitaries were also present. The colony was first established on May 19, 1956, with the initiation of twenty-four men. The house at 200 East Twelfth Street was purchased early that fall from the Hon. Judge Hess. From the date of chartering, Alpha Omega Chapter has continued to grow in brotherhood and stature to its position today as one of the leading fraternities on campus. Sigma Tau Gamma is a dynamic fraternity, still growing, and the brothers of Alpha Omega Chapter anticipate continued growth in brotherhood and leadership during the next five years.

Recently, the pledges held a walk-out and headed for St. Louis where they enjoyed a riotous weekend. They literally got themselves into "hot water" by turning the house's "off." The pledges apologized for their trick upon returning, however, and made up for it by washing all the dishes that had accumulated over the weekend. Just last Saturday night, the pledges held a small Pizza Supper for members of the house, to practice for a much larger scale event they plan for the near future. A little regrettably, the Juniors admitted the pizzas were a bit better than the ones they had made as pledges.

The Intramural Basketball season went into full swing with the Sig Tau ball handlers handing a defeat to Kappa Sig in their first game. Team coach Bill Becher is keeping the team on their toes, as the Taus hope to finish on top

after such a close win in their Flag Football league.

Bro. Arthur Loeschner was recently one of the many suited EE's with the flashing red light in their lapels and carrying Eta Kappa Nu pledge plaques. Congratulations are in order for Art, who has been initiated into this honorary Electrical Engineering Fraternity.

Tomorrow being Engineer's Day, Sig Tau is again holding Open House, and all visiting high school students are invited over for noon meal.

The annual fraternity dance for Sigma Tau Gamma, the White Rose Formal, will be held next weekend, with the Formal dance Saturday Night at Lion's Den. It

is rumored that several more brothers will lose their pins that night. Social Chairman Don Brewer plans to have an all-night band for those who want to make a night of it.

### SIGMA NU

Having overcome the great nostalgic hurdle of Parents' weekend the Sigma Nus have once again managed to disarrange the house so that it once again has that lived in appearance.

After the chapter meeting Monday, the Snakes adjourned to the gym where, with the help of high scorer Charley McCaw, they defeated Theta Xi by the score of 81 to 20.

This Sunday Sigma Nu activates and pledges will attend Memorial Services for the deceased Brethren of the chapter.

### KAPPA SIGMA

Kappa Sigs were very pleased to have such a large showing of par-

ents on Parents' Day this last weekend. With the vast interest of the parents in Kappa Sigma and the help and assistance of the Kappa Sigma Mother's Club things turned out to be a great success. All the people turned out to be very gregarious and amiable, thus making for a very friendly atmosphere. We are sure that all the parents who attended enjoyed their visit at the Missouri School of Mines and the Kappa Sigma Fraternity.

The members of the Kappa Sigma Fraternity owe their thanks especially to the Kappa Sigma Mother's Club and anyone else who helped to make this year's Parents' Day a very successful one.

### DELTA SIGMA PHI

Parents' Day was a very eventful day at Delta Sigma Phi. Samuel O. Smith, one of the fraternity's national officers, was here to present the charter to the

Mothers' Club, which is now known as the Pyramid Club. Mr. Smith was accompanied by his wife, and Delta Sig was very happy to have them as guests of the chapter. We were also pleased to see over one hundred parents visiting the campus this past weekend and hope that they enjoyed being with us and seeing how the chapter functions.

Delta Sig would also like to take this opportunity to thank the Pyramid Club for their contributions, because without these contributions it would have been impossible to make many of the improvements around the house.

*Beat  
Kirksville*

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### TRIANGLE EXTRAS

The men of the "Rock House" were hosts to many parents and guests of the brothers and pledges at Parents' Day last weekend. A buffet dinner was served and a party for parents staying overnight was held Saturday night.

Triangle, still flushed with victory in intramural football, is beginning to look toward a victory in basketball. To start the season off right, Theta Xi was defeated in the first game.

Triangle's candidate for Military Ball Queen is Miss Jeannie Sneed, a student at William Jewell College, from Ferguson, Missouri. We hope that Jeannie will have the same good fortune as Diane Watkins, our Homecoming Queen.

Three of the brothers were also pledged into honor societies recently. They are James Gormley, Eta Kappa Nu; William Ligon, Chi Epsilon; and Gary Pattengill, Pi Tau Sigma. Current prospects are that Triangle will also be high in scholarship this semester.



## First APO Blood Drive Successful

With the first of the three blood drives completed the APO would like to thank and extend its congratulations to the Miners on a job well done. Phi Alpha came in first with a 63 percent followed by Phi Kappa Theta with 50 percent and Beta Sigma Psi with 39 percent. While pleased with these results, the APO is confident of increased participation and competition in next January's drive. Certainly a big factor in this will be the new policy of the Red Cross concerning student donors. The Red Cross will assume responsibility for the blood needs of those students giving a pint of blood for a period of one year from the date of their last donation. In addition to meeting the total blood needs of the donor, they will also assume responsibility for the needs of the immediate family for the same period of time. In the case of organized groups, such as fraternities and eating clubs, the Red Cross will assume responsibility for the total blood needs of the local chapter, provided 50 percent of the local chapter's membership present themselves as successful blood donors. In meeting the total blood needs it is meant that this will be on a pint for pint basis.

Complete results of the first drive and the trophies to be awarded are on display now in the Student Union.

### UPTOWN THEATRE

MOVIES IN CINEMASCOPE

Fri., Sat. Nov. 10-11

'The Big Gamble'

Stephen Boyd & Juliette Greco

Sun., Mon., Tues. Nov. 12-14

Sunday Continuous from 1 p. m.

'Paris Blues'

Paul Newman & Joanne Woodward

Wed., Thurs., Fri., Sat. Nov. 15-18

'The Pit and the Pendulum'

Vincent Price & Barbara Steele

### RITZ THEATRE

MOVIES ON WIDE SCREEN

Thurs., Fri., Sat. Nov. 9-11

Admission 20c & 50c

'G. I. Blues'

Elvis Presley & Juliet Prowse

—PLUS—

'Why Must I Die'

Terry Moore & Debra Paget

Sun., Mon., Tues. Nov. 12-14

Sunday Continuous from 1 p. m.

'On the Double'

Danny Kaye & Dana Wynter

—PLUS—

'To Hell and Back'

Audie Murphy & Marshall Thompson

Wed., Thurs. Nov. 15-16

'Where the Hot Winds Blow'

Gina Lollobrigida & Yves Montand

—PLUS—

'Motorcycle Gang'

Anne Neyland & Steve Terrell

## LITTLE MAN ON CAMPUS



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at refreshment time

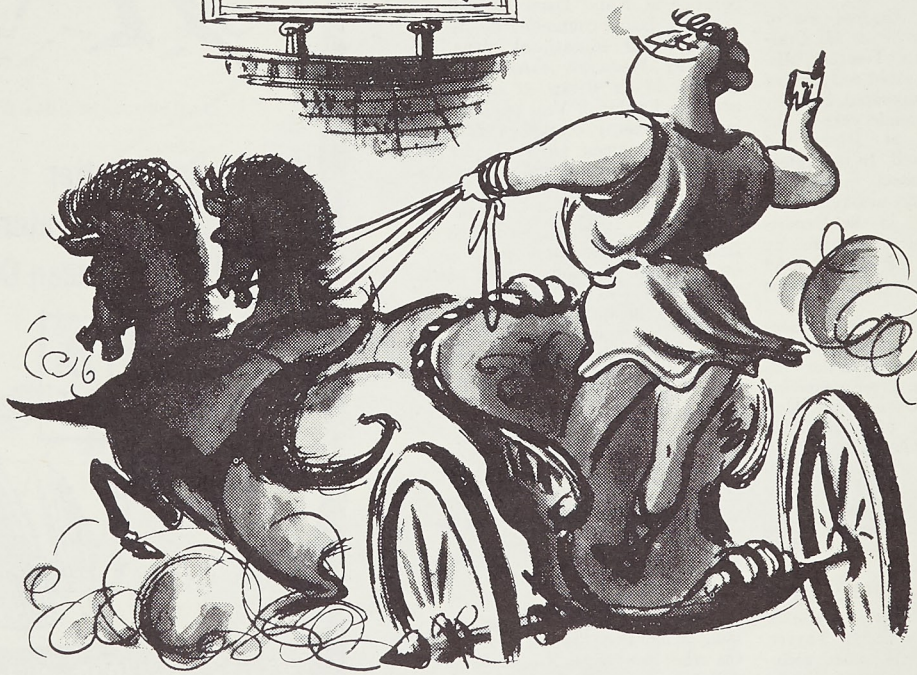
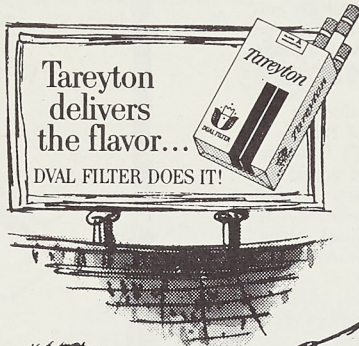


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Rolla, Mo.



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says turf king Virgilius (Big Wheel) Plutarch. "Try the Appian Way to fine tobacco taste—Dual Filter Tareytons," says Big Wheel. "From the Alps to the Aqueduct, we smoke them summo cum gaudio. Try Tareyton, one filter cigarette that really delivers de gustibus!"



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Tareyton

Product of The American Tobacco Company—"Tobacco is our middle name" © A. T. Co.



## Scholarships

### JOHN BROWN

John William Brown, son of Mr. and Mrs. Fred E. Brown of Route 1, Jenkins, Missouri and Lonnie Joseph Shalton, son of Joseph Shalton of 1210 Cedar, Independence, Missouri, have been named as recipients of the American Smelting and Refining Company Scholarship for this academic year at the Missouri School of Mines and Metallurgy. The company has established two scholarships at the School based on character, leadership, scholastic attainment and interest in nonferrous metallurgy. Each year one scholarship is presented to a junior or senior majoring in the Department of Mining Engineering and one scholarship is presented to a junior or senior majoring in the Department of Metallurgical Engineering.

Brown is a student assistant at the Department of Mining Engineering, is a member of Sigma Tau Gamma, is a member of the "M" Club, having lettered in varsity track and cross country, has been a student assistant in the Department of Physical Education, is a member of the American Institute of Mining Engineers student chapter, has received the Steinmesch Scholarship, the Freshman Curators Scholarship, has been on the Dean's Honor List, has received the award as outstanding Freshman of the Year, the Mining Achievement Award, and the Phi Kappa Phi Bookplate Award. Shalton has been active at MSM in Sigma Nu. He was selected as recipient of the Missouri School of Mines Alumni Association Award and has been on the Dean's Honor List.

### JAMES CRAFTON

James Warren Crafton, son of Mr. and Mrs. William M. Crafton, 1717 Norton, Trenton, Missouri, has been named recipient of the Dowell, Incorporated, Scholarship for this academic year at the Missouri School of Mines and Metallurgy. Dowell, Incorporated, of Tulsa, Oklahoma, makes this annual scholarship available to a student majoring in the Department of Petroleum Engineering who is a U. S. Citizen, of good health and interested in service company work.

Crafton graduated from Trenton High School, ranking 4th in a class of 121. He scored in the 97th percentile on the Pre-Engineering Ability Test. During his high school years, he participated in football, mixed chorus and was a reporter on the school paper. He received the Gardener Courtesy Award, D.A.R. American History Award and was a member of the National Honor Society.

### LAWRENCE GREEN

Lawrence Dale Green, son of Mr. Vernon H. Green of Thayer, Missouri, has been named recipient of the Associated General Contractors of Missouri Scholarship for this academic year at the Missouri School of Mines and Metallurgy. The Associated General Contractors of Missouri makes available one scholarship each year to a senior majoring in the Department of Civil Engineering.

Green is a member of the 59ers Club, Chi Alpha, the American Society of Civil Engineers, has received the Phi Kappa Phi Bookplate Award, the Curators' Award, the Enoch Needles Scholarship, the Gold Key Award and is on the Dean's Honor List. He is a member of honor societies Tau Beta Pi and Chi Epsilon.

### LOWELL PATTERSON

Lowell Benjamin Patterson, son of B. F. Patterson of 1067 West 3rd, West Plains, Missouri, has been named recipient for this academic year of the Speech Festival Scholarship at the Missouri School of Mines and Metallurgy. This scholarship is made available by the Board of Curators of the University of Missouri to Missouri High School student participants in the annual South Central District Speech Festival.

Patterson is a freshman majoring in Civil Engineering. He graduated from West Plains High School ranking 8 in a class of 128 and scoring in the 96th Percentile on the Pre-Engineering Ability Test. During his high school years, Patterson was a delegate to Boys' State, on the staff of the school paper and a member of the Debate and Speech, Math and Science and Beta Clubs.

## Notre Dame Changes Rules

The new program affecting the admission and instruction of incoming freshmen at the University of Notre Dame beginning in September, 1962, was explained here recently.

The first-year student will not enter directly into any of Notre Dame's four undergraduate colleges as heretofore, but instead will commence a new Freshman Year of Studies, the president said.

One of the chief values of the new Freshman Year of Studies is that the freshman will have the advantage of a year of actual experience at Notre Dame as well as Notre Dame counseling before making final educational plans.

Father Hesburgh named Dr. William Miller Burke as administrator of the Freshman Year of Studies in the newly created post of Dean of Freshmen. Dr. Burke explained that, under the present system, many freshmen, particularly those in science and engineering, change their minds during the first year and decide to enter another college at Notre Dame as sophomores. One of the purposes of the Freshman Year of Studies, he said, is to ease such changes of mind, and to allow flexibility for entrance into the sophomore year with the least possible backtracking and making up of deficiencies.

Notre Dame's testing and counseling program will be expanded, Dr. Burke said, and the freshman will be carefully advised on his choice of college and major subject. He predicted that by March or April the freshman will know himself and the University much better and will be able to choose more wisely than he does now. On the other hand, he said, the college will know more about the freshman and will be able to accept him with greater confidence.

In the five-course curriculum of the new Freshman Year of Studies there is considerable uniformity, but also some diversity, allowing for differences of intent, Dr. Burke explained. All freshmen will be required to take semester courses in philosophy and theology as well as full-year courses in English, mathematics and a laboratory science. The fifth course will be European history or social science except for those aspiring to be scientists or engineers who will take a second laboratory science.

## Missouri School of Mines ROTC Cadets Receive Award

Thirty-four individual awards and the award for the best drilled platoon were made to outstanding ROTC Cadets at hourly scheduled battalion review ceremonies at the MSM Drill Field on Friday, November 3.

Dean Wilson presented the Curators Summer Camp Award to Cadet Lt. Col. E. E. Perrey, Jr. Assistant Dean Ponder presented the Curators Marksmanship Award to Cadet 1st Lt. G. P. Renchhausen. Colonel Glenn R. Taylor presented Chicago Tribune Awards to Cadet MSgt. H. M. Beardslee, Cadet 2nd Lt. W. R. Leininger, Cadet Sgt. G. K. Orrison and Cadet Pvt. T. L. Cowser.

Colonel Taylor also presented to Cadet 2d Lt. W. R. Leininger

the award for the best drilled platoon, which was the first Platoon of "H" Company.

Lt. Col. Charles R. Obermeyer presented the Army Navy Legion of Valor Bronze Cross Award to Cadet Major Daniel R. White. Colonel Obermeyer is a member of the Army Navy Legion of Valor and is stationed at Fort Leonard Wood, Missouri, where he is currently assigned as Deputy Assistant Chief of Staff, G-3.

The Cadets designated as Distinguished Military Students were as follows:

Cadet Colonel W. Mueller, Cadet Major R. A. Jauer, Cadet Colonel D. E. Burton, Cadet Lieutenant Colonel E. J. Haug, Cadet Major G. E. Vaughn, Cadet Major K. E. Chapman, Cadet Lieu-

tenant Colonel E. E. Perrey, Jr., Cadet Major B. W. House, and Cadet Major Daniel R. White.

Those receiving Red PMS Fourragers were: Cadet PFC T. W. Gardner, Cadet Pvt. P. C. Dunn, Cadet PFC R. W. Bray, Cadet Pvt. W. R. Wilson, Cadet Pvt. G. D. Montgomery, Cadet Pvt. J. M. Farrow, Cadet Pvt. L. W. Bingham, Cadet Sgt. R. L. Haden, Cadet PFC D. T. Henry, Cadet Pvt. B. M. Hausner, Cadet Pvt. R. S. Barr, Cadet Pvt. P. W. Starkweather, Cadet T. L. Cowser, Cadet Sgt. J. D. Christen, Cadet Cpl. R. A. Fournelle, Cadet Pvt. P. P. Seabase, and Cadet PFC G. L. Jolly.

Cadet Sgt. G. K. Orrison received the Blue PMS Fourragere.

### STUDENT UNION MIXER

#### TOMORROW

3 P. M. — 5 P. M.

8 P. M. — 12 P. M.

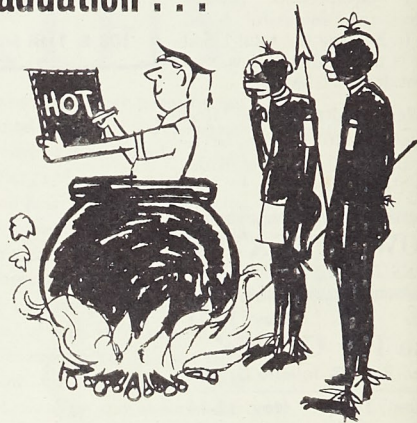
U-ALL-COME

## Check your opinions against L&M's Campus Opinion Poll #10

### ① Which would you choose upon graduation . . .



☐ a \$4,500-a-year job in the U. S.



☐ or a Peace Corps job in Africa?

### ② Are Greek-letter sororities and fraternities good for American Colleges



☐ YES

☐ NO

### ③ Do men expect their dates to furnish their own cigarettes?



☐ YES ☐ NO

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No 41%  
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No. 2  
Yes 67%  
No 33%  
Peace Corps.  
No. 3  
Yes 73%  
No 27%

Try best-tasting L&M today . . . in pack or box



EMBER 10, 1961  
E. E. Perreye  
W. House  
aniel R. White  
g Red PMS  
Cadet PFC T  
Pvt. P. C. D  
W. Bray, C  
on, Cadet P  
Cadet Pvt. P  
Cadet T. L. W  
J. D. Ch  
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NION MIXE  
DROW  
- 5 P. M.  
- 12 P. M.  
- COME  
Poll #10

## Eta Kappa Nu Chapter To Initiate 29 Dec. 2

Eta Kappa Nu, as in the past, is endeavoring to perform useful services to the Electrical Engineering department and the entire school.

The laboratory insurance committee, which was in operation within days after the opening of the semester, reports that a record number of policies have been sold so far this semester. The EE lab insurance policy provides coverage against accidental damage to equipment in the EE laboratory.

A new activity has been undertaken by the chapter, the activity being the provision of an annual scholarship to a worthy EE student. Funds for the scholarship have been donated by the Gamma Theta Chapter alumni of HKN.

The most recent undertaking of the chapter is the pledging of new members into the organization.

To be eligible for membership a student must be in the upper third of his class as a senior and failed no EE courses. A junior must be in the upper fourth of his class and failed no courses while in college. Both juniors and seniors must have completed one semester at MSM.

Those who have completed pledge activities and will be initiated into the organization at the banquet on December 2 are Hugh Gardner, Lewis Shuck, Kent Swearingen, Jim Gormley, Fred Dickey, Don Nozawa, Robert Huston, George Alexander, Melvin Uhl, Paul Hendricks, Gary Clover, David Everswick, Douglas Robbins, Louis Grespan, Lowell Heath, Jose Briceno, George Brenner, Bob Pulley, Art Loeschner, Don Willyard, Mark Holland, John Komo, Art Noble, Charles Diemer, Clifford Skouby, Charles McCrary, Rollie Herzog, Lee Hartung, and Harold Haertling.

## Highway Patrol Reports Statewide Traffic Toll

October is usually one of the year's most deadly months in Missouri traffic, but this year the death toll dropped to 59 fatalities, a record unequaled since 1947 when the same number of people were killed in rural traffic crashes.

Traffic accidents, outside cities with more than 10,000 population, took the lives of 31 drivers, 24 passengers in motor vehicles and four pedestrians last month.

Last year, when the state-wide traffic toll in Missouri soared to 104 deaths in October, 81 of the fatalities occurred in rural areas of the state. This year, the decrease of 22 traffic deaths in October represents a 27 per cent improvement compared to last year's rural area toll.

While the rural Missouri traffic death toll has shown a steady decline this year, the State Highway Patrol continues to view the coming weeks with concern. The Pa-

trol Superintendent, Col. Hugh H. Waggoner said, "Letting down our guard now would be a mistake of the first order. We urge drivers and pedestrians to continue to use caution. November and December are months to be reckoned with. Last year 201 people died in Mis-

souri traffic from November 1 through December 31."

The Highway Patrol reports that on November 1 this year, the state-wide traffic toll stood at 755 fatalities for the year compared to 847 deaths on the same date last year.

MAN, THIS JAM REALLY IS A HANDFUL!

THAT'S WHY I CHEW COPENHAGEN!

LET'S ME ENJOY A MAN-SIZE TOBACCO LIFT EVEN WHEN I CAN'T SMOKE.

THAT'S WHAT I NEED! LET ME TRY A PINCH.

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## Newmans to Hold Communism Talks

Discussion of the topic "Permit Communist Conspirators to be Teachers?" will lead off the program of the Newman Club meeting on Thursday, November 16. This is a follow-up on the film "Communism," which was shown by Mr. Love at the last meeting. This film demonstrated some of the methods Communists use to get into power and to gain control of social and political organizations on all levels.

Would you, or your children or family, want to be taught and instructed by a Communist?, a person who is part of a conspiracy to overthrow the United States government?, a person who pledges allegiance to Soviet Russia? Should such a person be barred as a teacher because he is a Communist Party member, or only if he commits a subversive act?

Come to the next meeting and give your opinion on this matter and compare your opinions with those of other students. Give your ideas on what should be done concerning this controversial matter and who should handle this provocative situation.

This Club's Communion breakfast on October 29 was very successful. There was an impressive initiation of all new members and an address by Father Sullivan, the Club chaplain.

The mixer with St. John's School of Nursing went off quite well, but there was room for many more to have attended. Twice as many nurses were in attendance as Newman members.

The religious committee is looking for servers at the ten and eleven o'clock Masses on Sunday. Don't forget that there is now a 5:10 p.m. Mass during the week.

## THE BELL TELEPHONE COMPANIES SALUTE: STEVE BANKS

Because of Steve Banks, who just two years ago was an undergraduate engineering student, the Bell Telephone System is closer to wiping out the noise (or "static") that sometimes interferes with telephone conversations.

On one of his first assignments, Steve examined the noise levels that had "leaked" into telephone circuits in

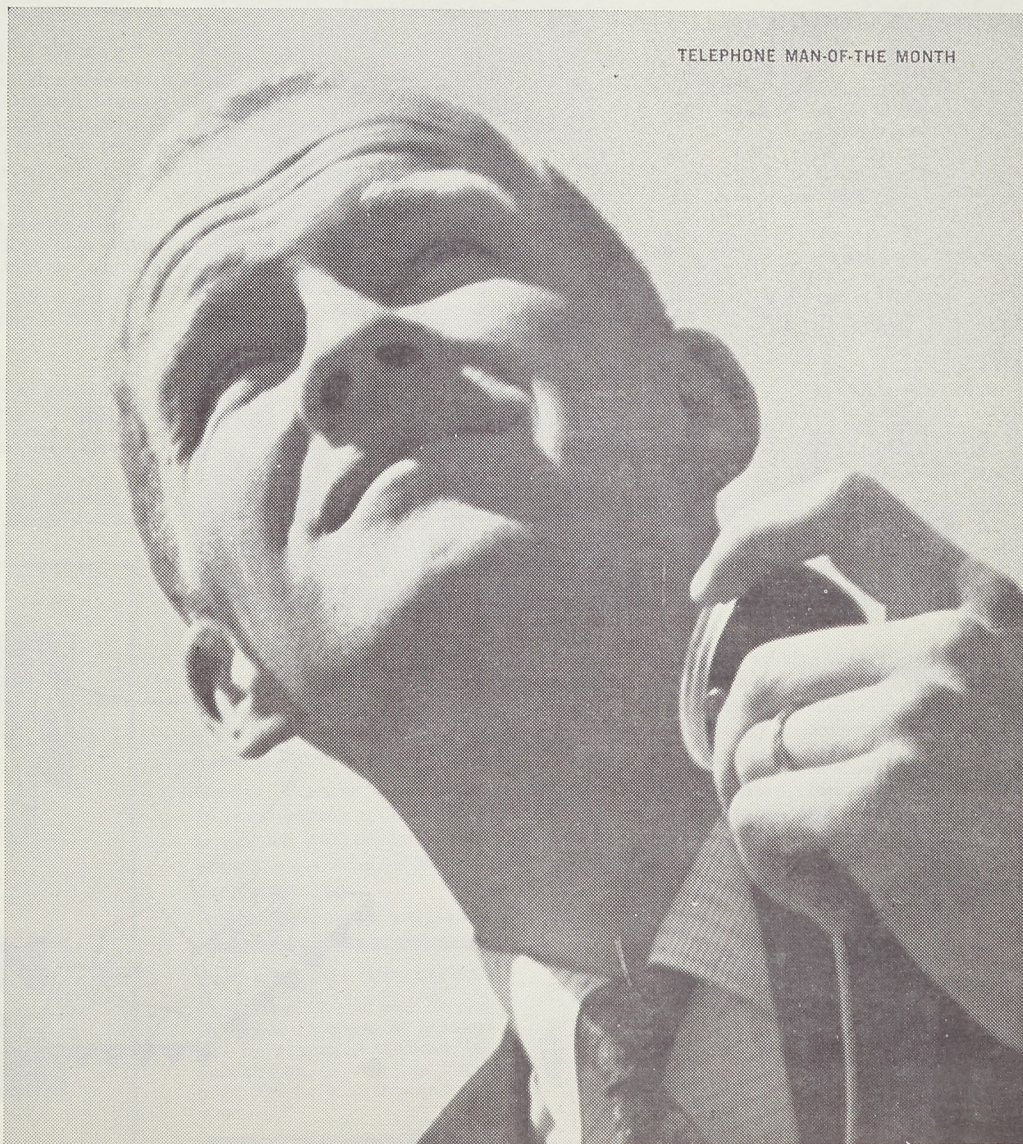
Colorado. His findings shed new light on the source of noise, and on the important methods of measuring it.

Steve Banks of Mountain States Telephone & Telegraph Company, and the other young engineers like him in Bell Telephone Companies throughout the country, help make your communications service the finest in the world.



BELL TELEPHONE COMPANIES

TELEPHONE MAN-OF-THE-MONTH



## Personality Column

Bob Boschert, of Alpha Omega Chapter of Sigma Tau Gamma, will be married to Miss Dee Ann Fowler January 27, 1962. The wedding will take place in Alton, Illinois.



**PARENTS' DAY***(Continued From Page 1)*

and friends in the running and exhibits of MSM.

In the fraternities, the morning provided many pledge parents with a first look at their sons' new homes, his brothers, and superiors. Meals were served for from 50 to 300 persons in various houses, requiring buffet styles and multiple shifts. The day provided time for Mothers' Club meetings in some houses, at least one receiving its charter.

The afternoon's big event of course was the 'Cape game. Fraternity and Independent families settled around Jackling field to take note of local custom and dubious chers, as well as a valiant fight on the part of the Miners. The game was made special for visitors by two brilliant demonstrations: First, the Pershing Rifles took the field with a snappy drill sequence, followed by the MSM ROTC Band with a preview of their next week's TV broadcast show.

The day was climaxed by the Parents' Day Banquet held at the new Rolla High School cafeteria. The event was a huge success. Six hundred people were seated and countless others were turned away.

A selection of musical numbers was presented by the MSM Glee Club directed by Professor J. M. Brewer.

Following the medley the master of ceremonies, Dean Curtis L. Wilson, introduced Dr. Daniel S. Eppelsheimer, who spoke on "Mobilizing for Peace." Dr. Eppelsheimer pointed out that it is our duty to fight for our kind of peace, not the Russian definition characterized by the motto, "better to be Red than dead." We must also, Dr. Eppelsheimer stated, preserve the dignity of the individual rather than seek conformity or status. Along this line of thinking is the desire of the faculty to challenge the students creativity. In industry and science there are not enough people working for pure research and the advancement of science; there are too many top scientists and engineers working in administrative positions.

Dr. Eppelsheimer made a statement that will probably make him live forever in the hearts of all Miners. He said he would rather "encourage with a good grade than discourage with a poor grade."

By Saturday night all parents, regardless of their method of spending the day, were well aware they'd been through the works and most were wearily satisfied at the confirmation of their trust in their sons at MSM.

**BITUMINOUS CONFERENCE***(Continued From Page 1)*

State Senator Albert Spradling of Cape Girardeau, Missouri, will deliver the principal address at the Asphalt Conference to be held November 16th and 17th on the campus of the Missouri School of Mines and Metallurgy.

Speaking on the topic, "The Meaning of Responsible Government," Senator Spradling will address the Thursday evening session of more than 200 members of the asphalt industry, government and education.

Four Jefferson City men will participate in the Asphalt Conference to be held at the Missouri School of Mines' Department of

Civil Engineering on November 16th and 17th.

J. J. Corbett, Chief Engineer of the Missouri State Highway Department will address the meeting on the "Anticipated Gasoline Tax Amendment to the Constitution;" Marvin J. Snider, Assistant Chief Engineer of the Missouri State Highway Department will serve as moderator for the afternoon session on November 16th; E. C. L. Wagner, Secretary-Manager (retired) of the Associated General Contractors of Missouri, will speak on the subject, "Let Contractors Put Proven New Ideas to Work;" and John F. Britton, Executive Secretary of the Missouri Bituminous Association, will serve as Toastmaster for the Thursday evening session.

The two-day clinic will feature representatives from the asphalt industry, government and education. Co-sponsored by the school, the Missouri Bituminous Contractors Association and the Asphalt Institute, presentations will be made on recent developments and uses of asphalt.

**STUDENT UNION***(Continued From Page 1)*

Shown in color are such events as the Mille Miglia (1000-mile race in Italy) the Le Mans (24-hour endurance contest in France), and other famed races in southern France, Switzerland, Belgium, and southern Germany.

**LETTER TO THE EDITOR**

Dear Sir:

I would like to use your paper to compliment the students on their behavior on Halloween night. It is good to see students show that spirit that has characterized them down through the ages, but it is particularly heartening to see them control their spirit and limit it to the perpetuation of a tradition and not let it spread into a destructive rampage.

Respectfully yours,

Chief of Police  
Rolla, Mo.

*Miners**Beat Kirksville!*

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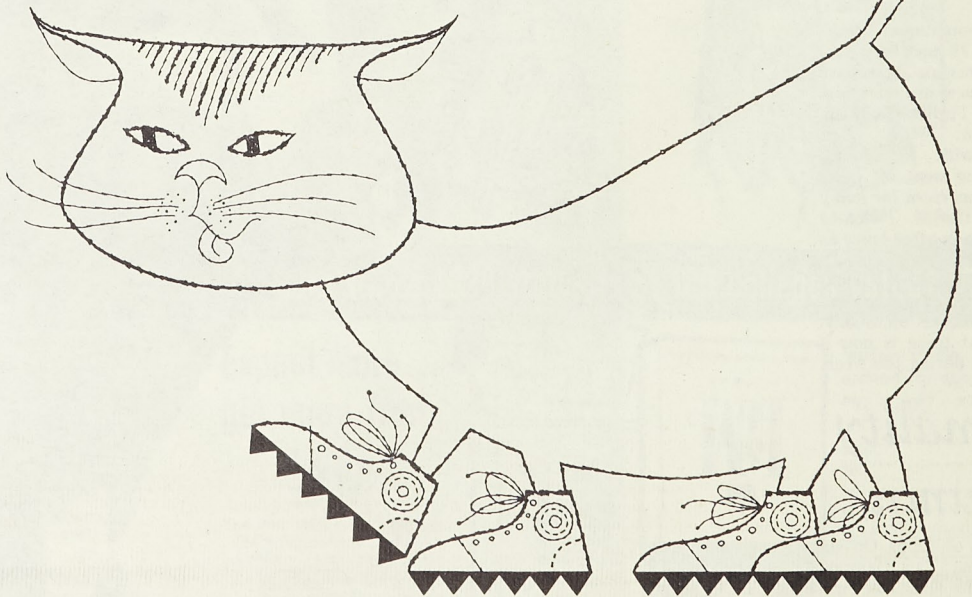
This scientific approach to silence is but a tiny facet of the many-sided program of pure and applied research which goes on daily at Ford Motor Company. It is another example of Ford's leadership through scientific research and engineering.



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## Cadets Receive Award



Daniel R. White, a native of Kansas City, Missouri, who is a senior at the Missouri School of Mines and Metallurgy, has been awarded the Army and Navy Legion of Valor Bronze Cross Award for the 1961-62 school year, as the outstanding ROTC student of the Senior Division ROTC within the XI Army Corps area, which includes all of the colleges and universities in Missouri and Illinois.

The Army and Navy Legion of Valor of the United States, which makes this award, is an association whose membership is composed entirely of holders of the Medal of Honor, the Army's Distinguished Service Cross and the Navy Cross. Its membership includes veterans and servicemen of all services, and its members have fought in wars and campaigns as far back as the Indian Wars. Founded in 1890 it has more than 1400 members.

The Legion of Valor is known for its two distinctive medals: The Silver Medal for Heroism and the Bronze Medal for outstanding service and achievement by military cadets.

In accordance with newly established policy of the Legion of Valor Award Committee, Cadet's award was received for his performance during his junior year so that proper recognition may be given to the school during his senior year.

The award was presented at an ROTC Battalion Review ceremony on the MSM drill field. The presentation was made by Lt. Col. Charles R. Obermeyer, who is a member of the Army and Navy Legion of Valor, and who is currently the Deputy Assistant Chief of Staff, G-3, at Fort Leonard Wood, Missouri.

Other ROTC honors awarded to Cadet White have included the Chicago Tribune Award, the Superior Cadet Award, and the Professor of Military Science Award. In addition he has attained the academic honor list each semester since entering MSM in the fall of 1958.

Mr. White is a member of Tau Beta Pi which is the National Engineering and Science Honor Fraternity, of Alpha Phi Omega, the National Service Fraternity made up of men who are, or have been, active in the Boy Scout movement, of Sigma Pi Sigma, which is the National Physics Honorary Fraternity, of the Student Council, and of the Baptist Student Union. He has been recipient of the National Scholarship Honorary Fraternity Phi Kappa Phi Book Plate Award in 1958-59, and of a National Science Foundation Undergraduate Research Student Grant in the fall of 1960 and spring of 1961.

Mr. White is married and he and his wife, Bernice, reside at 712 West 11th Street, Rolla, Missouri.

We are all of us, more or less, the slaves of opinion.—William Hazlitt.

Some people are so pleased to talk that they keep on talking even after it is obvious that no one is listening.

Too many folks are allus runnin' away from somethin' that ain't even after 'em.

## Baptist Student Union Plans Activities

The Baptist Student Union is in the process of making big plans for "Science Ponders Religion Week" to be held December 4-8.

Featured during this week will be Dr. Thomas J. Turner, Chairman of the Physics Department of Wake Forest College in Winston-Salem, North Carolina. Dr. Turner has also been invited by Dr. Fuller to lead a seminar in the Physics Department for physics and metallurgy students December 7.

Also featured during "Science Ponders Religion Week" will be Ed Christman, BSU Director from Wake Forest.

These men will lead discussion sessions concerning science and religion at the Baptist Student Center, Monday through Friday evenings at 6:00 during this week. One of the subjects for vespers will be a debate on "The Scientific Skeptic Challenges Christianity."

Other activities are also in the stage of planning at BSU.

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CAMERAS  
RINGS

JEWELRY  
RADIOS

Anything of Value

FULLER JEWELRY

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Rolla, Mo.

## MEN'S SHOES

By  
RAND

## SHIRTS

By  
VAN HEUSEN

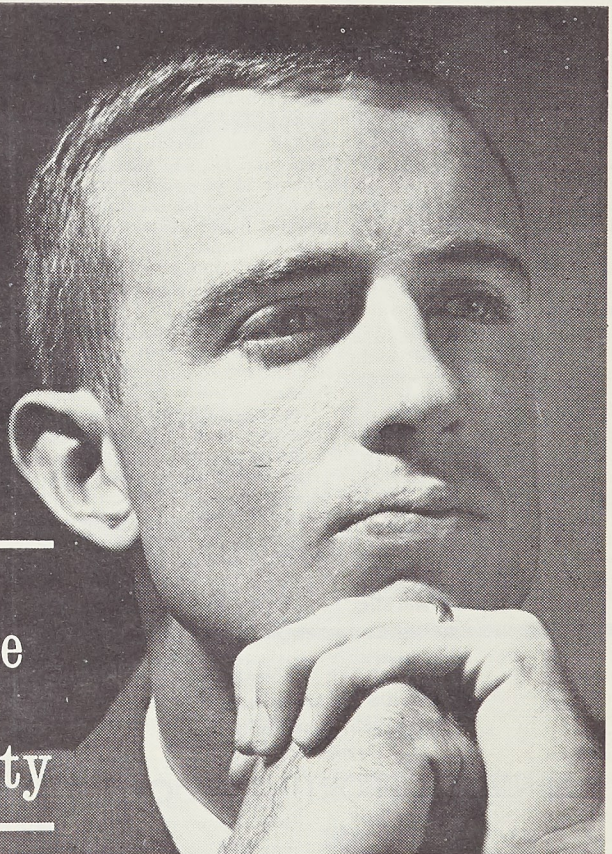
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challenge  
and the  
opportunity



The Finest in.....  
**DRY CLEANING**

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One Day Service if Requested.  
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A representative of the General Telephone Company of Missouri will be on campus the week beginning Nov. 20. Ask your Placement Director to arrange an interview.

Your Placement Director can supply you with a copy of our brochure outlining the management careers open to graduates majoring in Engineering, Mathematics, Physics, Business Administration, the Liberal Arts or the Social Sciences. Ask him for a copy of the brochure today.

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## Cape Knocks Off Miners; Kirksville Takes Lead in Conference Standings



Paul Wiegard around left end.

by Dave Woodward

A large crowd composed mainly of MSM students and their parents saw the Miners, who were riding high in conference standings and hoping for another win, lose to the Cape Girardeau Indians. Had the Miners won this game they would have put the Indians in third place and still held the tie for first with Kirksville. But as the ratings stand now, Kirksville is on top and Cape is tied with MSM for second, Warrensburg is third.

At the start of the game, the Miners received with their backs to the sun. Pat O'Mealy snagged the kick-off and brought the ball back to the 18, but the Miners couldn't get the first down and were forced to punt. The kick went for 53 yards and was caught by Cape's Quarterback, Jim Collins, who managed to break loose and bring the ball back some 60 yards before he was downed. The Indians took advantage of their early break, and after

a first down, Leara picked up the remaining foot for the six points. The Miner defense broke through and blocked the kick and the score was 6-0 in favor of Cape.

O'Mealy again received the kickoff and brought the ball up to his own 25. The Miners gained another 15 yards after a pass to Paul Wiegard, but they were stopped and forced to kick from their own 47. Cape's return was good to the 50, and after a 15 yard penalty Collins threw a 33 yard pass to Bridell, who went over for six more points. This time the conversion went high and straight and was good for another point.

MSM brought the ball back to their own thirty and had moved up to the 41 when the first period ended with Cape 13-0 above the Miners.

The second quarter started with the Miners in a third and six situation on their own 45. Two first downs put the Miners into Indian territory but they were

stopped and O'Mealy booted one down to the twenty out of bounds. Neither team made any appreciable advance during the next few minutes until the Miners gained possession due to a fumble on Cape's 37 and scored in four plays. Glen Usher shot a 25 yard pass to Paul Wiegard and set up the first and goal situation six yards away. Gary Voorhis picked up the remaining ground for the TD. Pat O'Mealy converted and it was now 13-7 with only thirty seconds left on the clock. Cape opened the gap even more in the third quarter when the left half, Brown, made a 70 yard run for pay dirt. The conversion was good and it was 20-7. The Miners fumbled the kick-off and at the end of the third period the Indians were in position. A field goal attempt was broken up and the Miners took over deep on their own 13. They moved down to Cape's 39 after two consecutive first downs but a fourth and one attempt missed and Cape took over. The ball only saw an end zone one more time late in the fourth period when the Indians moved down to put the fullback, Glass, in position. Dill converted and the final score stood at 27-7 with a minute and thirty seconds left to play.

Tomorrow the Miners meet Kirksville, the conference leaders, and if they win they will set up a three way tie for the top place in the league. The previous record of the Miners has its high and low spots, but their chances of taking home the victory next week are still good.

### Basketball Intramural Results

by Charlie Marlow

This year's intramural basketball season is in full swing now. Last year's champ is Sigma Nu and the runner up is Lambda Chi Alpha. Each team has played one game.

In league one Sigma Nu, Triangle, Delta Sigma Phi, and the Dorms won.

In league two Tech Club, Sigma Tau Gamma, Kappa Alpha and Phi Alpha won.

Winning in league three were Phi Kappa Theta, Fifty-Niners, Acacia, and Engineers Club.

The season is young and these ratings will no doubt be changed in a short while.

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## SIDELINES

Ed Devine



Glenn Usher passes for Miners against Cape.

Tomorrow the Miners play their last game of the season. Indeed this has been a great season. Up to date we have lost only one conference game, that being to Cape last week.

At Kirksville tomorrow the Miners have a chance to enter in a tie for the MIAA Conference title. In the event both the Miners and Cape Indians win their games there would be a three way tie.

Probably the best things that have come about this season are the pep rallies and the fine attendance at our games. With this kind of support each man on the team will put everything he has into the game. Perhaps this increase in spirit has sparked the team. The excellent improvement over last year's record of no wins is an example of what a little cheer will do. Let's continue this spirit over to the basketball team and cheer them to a fine showing in the conference tourney.

### WHO'S WHO in Intramurals



KEN SCOTT

Ken Scott, a member of Kappa Alpha Order, is our man for Who's Who this week. A transfer student from Murray College, in the western part of Kentucky. Ken is a senior in Chemical Engineering.

Transferred here only this fall, he has already made a name for himself in intramural sports. Intramural tennis is his specialty as is evident from his winning the tennis singles this fall. Kappa Alpha's doubles team also tied for first. Ken is also planning on playing guard for KA's intramural basketball team. While at Murray, he played basketball and tennis and helped his basketball team to take a second place.

Campus organizations have also been on his list of activities. At Murray the BSU and the American Chemical Society were the main organizations in which he participated. This year at MSM, Ken has joined AICHE, Kappa Alpha Order Fraternity and Alpha Chi Sigma.

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