



21 Sep 1951

## The Missouri Miner, September 21, 1951

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# THE MISSOURI MINER

Address To MSM Students  
From Dean Wilson  
See Box ..... Page 1

African Negro  
Wants Pen Pals  
See Letters To Editor

Missouri School of Mines & Metallurgy

VOLUME 38

ROLLA, MO., FRIDAY, SEPT. 21, 1951

NUMBER 1

## New ME Building Presents Larger Scope of Field to Future Grads

### BOOK ON AIRCRAFT BY DR. J. J. JELINEK AVAILABLE TO PUBLIC

"Introduction to Aircraft," a book written for the United States Navy during World War II by Dr. James J. Jelinek of the Department of Humanities and Social Studies at the School of Mines, is now being made available to the general public, according to a bulletin called "New Horizons in Your Hobby" published by the Superintendent of Documents of the United States Government Printing Office.

"Introduction to Aircraft" was written by Dr. Jelinek while he was Aviation Training Courses Officer during the War and is based on information obtained from aircraft experts in the Navy and industry. The bulletin that announces the general distribution of the book states that non-confidential publications printed as a part of the regular program of any Government agency are made available to hobbyists and to others who may have a professional or avocational interest in them.

In describing "Introduction to Aircraft," the bulletin states "Every aviation enthusiast will enjoy this well-written, attractively illustrated book. It presents in simple terms the basic laws of physics and forces in flight, principles of airplane construction, functions of aircraft components, operation of engines and propellers, principles of aircraft maintenance and other important phases of flight. Although written primarily for use in the Naval Air Corps, the material presented here is applicable to aviation in private flying."

### Many Faces, New and Old Return to Pi KA

With the advent of the new school year the House on the Highway saw the return of many old faces, as well as the arrival of a large pledge class. We would like to congratulate the members of our newest pledge class. They are Art Babler, Campbell Barnard, Dick Berg, Jim Franklin, Walt Gruening, Paul Grandcolas, Jim Hespen, Joe Hanneuer, John Knapp, Harold Lietz, Ken Mann, Gorman Morris, Nick Muscovale, Don Pickering, Virgil Powell, Ray Pfaff, Floyd Roethe, Harvey Schulte, John Soma, Jim Weakly, Bob Winchester, John Wolf, and Frank Gollhofer.

Many of the Pikers arrived early to help with the house repairs. The most notable achievement was the painting of the halls, which now shine with a "coral rose" luster. This feat of interior decorating was accomplished under the able leadership of Master Painters Thompson and Scrivner.

The summer saw the permanent pinning of two of our brothers. Bill Horst was married to Miss Ann Millard in St. Louis, and then a few weeks later Bob Ordemann and Miss Harriett Bill took the final vows. The entire chapter would like to express their heartfelt congratulations and best wishes to our honeymooners. Congratulations are also in order for Jack Wheeler and Miss La Verne Knudsen, who announced their engagement this summer.

The house election last Monday night determined that our leaders for the fall semester will be Byron Kiel, President; Roger Scrivner, Vice-President; Jack Thompson, Treasurer; and Bob Tellefsen, House Manager. Jack Wheeler and George Stevens were elected to serve as Assistant Treasurer and Assistant House Manager.

By Aaron J. Miles

Every one in the state of Missouri and many elsewhere should be proud of the progress being made by Missouri's institutions of higher learning. Among the many improvements on the University campus of the Missouri School of Mines and Metallurgy is an entirely new building of brick and steel, hand-somely trimmed in Carthage marble. Its name, "Mechanical Engineering," is artistically engraved in stone above the main entrance.

This building, and the laboratory equipment which it contains, is the result of careful planning on the part of the University of Missouri curators, administrative offices, and the faculty here. A half million dollars and 2½ years of work have gone into its design and construction. The results are gratifying to say the least.

#### Center of Campus

The building stands near the center of the campus, and covers the site of the old power plant. It is, of course, much larger than the old power plant. The new power plant stands just to the west and matches it in architecture. A quick glance from many points on the campus gives the impression that the two buildings are just one large structure although there is a wide paved roadway between them.

The laboratory section of the Mechanical Engineering building was finished first. Its floor area is 133 x 107 feet. It is divided into four parts functionally. A major part is on the ground level and is called the mechanical laboratory. It contains such items as is generally encountered in power, heating, ventilating, air circulating, refrigeration, etc. The equipment is all new and for the most part is in duplicates, the list greatly exceeding the minimum required for accrediting by E.C.P.D. (Engineering Council for Professional Development). Where duplicate equipment is installed it was done with the idea of providing the student with a comparison. For example, between fans with forward curved blades and fans with backward curved blades. The two fans are operated one at a time, and use a common duct and set of metering instruments. The two fans are driven by the same electric dynamometer. Pumps are installed in a similar

(Continued on Page 4)

### Rolla Air Reserve Unit Meets Tuesday Evening at City Hall

Major Lester W. Reed, chief of training and operations of the 9672d Volunteer Air Reserve Training Squadron of Columbia, Mo., will address the Air Reservists of the newly organized Rolla flight of the Volunteer Air Reserve Unit next Tuesday, September 25, at 7:30 p.m. at the Rolla City Hall.

All air reservists and interested veterans of this area, regardless of former branch of service are invited to attend. The Rolla unit, which was organized this month, now has the following membership:

Arch H. Allison, superintendent of the Soldier's Home at St. James; Robert E. Paulsell, U.S.G.S. employee; John F. Collins, of the transportation office at Ft. Wood; Bill Hickman, of the Rolla Herald; Trooper David L. Walker of the local Highway Patrol; and Ernest E. Wilkinson of the U.S.G.S.

Only those reservists assigned to an organization such as this unit are eligible for promotion. Reserve airmen will not be called to active duty unless they volunteer for such duty.

### INT'L FELLOWSHIP TO HOLD MEETING SEPT. 25

In the world of today, as never before, two different ways of life stand face to face, engaged in a desperate fight for survival. The first thrives when human beings live physically but mentally toe the lines chalked out by a few who can be counted on fingers. The other — the democratic way — can only work when everyone takes his proper share in pondering over and deciding the matters that concern life.

Man has progressed far and wide physically, but almost stayed out mentally. The progress in the field of tools and techniques has out-distanced the snail process in the field of value enlargement. Our means are mightier than our ends. The present state of communications and transportation has turned yesterday's total strangers into today's next door neighbors, but there has been no corresponding expansion of our feeling of neighborliness. Modern technology has focused the majesty of the earth which our minds can comprehend but to which our hearts cannot respond. We are prepared intellectually but unprepared emotionally. The world, physically, has become one, but humanity is more divided.

Our time, more than any previous epoch, requires loyalty to humanity. The brave new world must be founded on a firm sense of world citizenship. This is the dream that lies behind the International Fellowships and Clubs — like the one we have at M.S.M. — that have started in almost all the schools in different countries.

It is unbelievable how a small anchor can bring a huge ship to rest — yet it is true. In some similar way, these international clubs are going to be the nuclei of international brotherhood — the only hope for this troubled world of ours.

Before I put my pen away, I would like to make an appeal to the citizens of Rolla to come and join the International Fellowship meetings. There is a good number of students from different countries who have come to America, not only to take degrees in technical spheres, but also to see the American way of life, to see each other's viewpoint and to meet you. They have come thousands of miles.

Meeting in Room No. 300, Harris Hall at 7:00 P. M. on Tuesday, September 25, 1951. Speaker: Dean Curtis L. Wilson.

Subject: International, industrial, and racial relations. K. Tangri.

### 3 Alumni to Attend Atomic Energy School

Three graduates of MSM were among 39 students selected from over 400 applications for the Atomic Energy Commission's School of Reactor Technology for next fall. These are Paul A. Haas '50, now a graduate student at Montana State College, Richard H. Duncan '49, who is finishing work for his Master's degree here in Physics, and Richard G. Mallon, who is graduating this year with a Physics major.

Haas received a degree in Chemical Engineering here in May 1950, and has been doing graduate work at Montana State during the current year and will receive his Master's degree there in June. While in high school, Paul received honorable mention in the Science Talent Scout for the year he graduated.

Richard Duncan graduated in Electrical Engineering during the summer of 1949, and has been working towards a Master's degree in Physics which he received at the May 28th commencement this year.

Richard Mallon graduated with highest honors at the spring commencement on May 28th and majored in Physics. He held the A. P. Green Scholarship during his senior year.

Dean Wilson



#### TO MSM STUDENTS

Never before in the entire 80-year history of Missouri School of Mines and Metallurgy have our students enjoyed such an advantageous position. Reliable and authoritative surveys show that the annual supply of new engineering graduates will not nearly equal the demand for the ten or fifteen years. Salaries are attractive and advancement is assured those qualified. The importance of engineering is recognized and respected as never before.

I urge you to take advantage of these golden opportunities, to train yourselves now for the useful and vital work that must be done if we are to survive as a free nation. The engineering manpower shortage is more critical than most of us realize. There is not only opportunity but also a fundamental obligation before you.

Our facilities are being augmented and our faculty and staff are dedicated to helping you. With your cooperation great things can result. I pledge you my own best efforts in your behalf. Come in to see me whenever you want to. My door is always open.

Sincerely,  
CURTIS L. WILSON  
Dean

### Theta Xi Chickens Return to Roost

Like a mother hen gathers in her brood, the Theta Xi house brought the guys back to refurbish and rebuild the lot of our clan. Now that many of our boys are out of school as alumni, it is up to the remaining brood to increase ourselves to full membership. With the help of Gene Vanderheyden, his interview teams, our cook, and luck, we have welcomed some pledges in to our fold; Art Canady, Clyde Wick, Tony Hymer, Ted Koerner, Al Nelson, Le Horcher, Ed Peck, Bob Korn, Bob Cass, and Joe Green. There were two old pledges that returned this fall, which really helped — these being: Chuck Shick and Tom Heggis. On Behalf of the Alpha Phi Chapter of the Theta Xi Fraternity, I'd like to welcome these pledges into the fraternity.

Since the active members have returned to the campus, they have fallen into their old places like pieces of a puzzle. "Ack Ack" Foshia has taken over command of the military department. Art "coddles" Hanley is now ramping his fall schedule for the Stephens Stud Bus; T. R. (Tough and Ready) Gjelsen is being used as an example by the coach as the laziest man on the football team; and our own beloved el presidentia Gioseffi has set his roots down in the middle west along side a little peach from St. Louis. She must be one of those honey and rose gals to ever get her thorns in "ole Nick." Those poor love sick guys like Dick "hot lips" McMasters and Bob "long hair" Jost can't stay away from St. Louis for more than a week or they start getting letters and phone calls to come home. Ah! Love!

### STUDENT LOAN FUNDS NOW AVAILABLE AT MSM

There are ten different loan funds at the School of Mines from which students may borrow money. These funds have been made available through the generosity and interest of friends and alumni of the school. Some of the funds provide short-term loans of small amounts to assist students who face unexpected expenses which they cannot meet at the moment, but which they can handle after a reasonable delay.

Other funds provide money to enable students to complete their college education while not planning on repayment of the loan until after graduation. From this latter type of fund students may borrow amounts up to as much as a thousand dollars, although the average loan is considerably less. The various loans carry interest rates which vary from as much as 4% per annum downward to interest-free loans. In some cases endorsement of financially responsible persons is required, while in others security is provided by an assigned life insurance policy, and in some cases no security of any sort other than the borrower's signature is required.

In general, a student's borrowing capacity is not very great during his Freshman year and he should not anticipate using the loan funds, other than for short-term emergency loans, during his Freshman year. It is possible for a Sophomore to borrow with a date of repayment after graduation, but such cases are unusual and such loans are not approved except in very unusual cases. During the Junior year the student's borrowing capacity is much greater, but even in that year it is better for the student to conserve his borrowing capacity for his last year or Senior year.

The largest loan fund is the Jackling Fund which was provided by D. C. Jackling, an alumnus of the school. This fund has been in operation since 1909 and has provided almost 1400 loans to students. Other loan funds include the Lawrence R. Hinken Fund, The Fred Fisher Fund, the Alumni Association Loan Fund, the Women's Auxiliary AIME Fund, the Missouri Eastern Star Fund, the Campus Veterans Association Loan Fund, the Rolla Lions Club Loan Fund, the Phi Kappa Loan Fund, and the American Society of Mechanical Engineering Loan Fund. The Lawrence R. Hinken fund was provided by Mr. Hinken who is an alumnus of the school. The Fred Fisher fund was provided by the family of Mr. Fisher who was a faculty member at the School of Mines prior to his death. Money for the other funds was provided by the organizations whose names are used in describing the funds.

The total amount of money in (Continued on Page 4)

### NEW LOAN FUND TO BE ESTABLISHED BY ASME

The student chapter of the American Society of Mechanical Engineers has established a loan fund for the benefit of students who are members of the student chapter, who are in good standing scholastically and who have been in attendance at this school for at least one semester. A note must be given by the borrower to bear interest at the rate of 4% per annum. No life insurance or other security shall be demanded except at the option of Loan Fund Committee. Loans will be granted only to students who face some sort of emergency of a nonrecurring nature, and such loans may not be for more than 60 days duration with option of renewal for additional 30 days. Largest loan to any one borrower shall not exceed one-fourth of loan fund, or \$100, whichever is smaller.

## 1,200 Start Gunning for Grades as Fewer Enroll

### BOARD OF CURATORS ELECT NEW PRESIDENT

Powell McHaney of St. Louis, president of the General American Life Insurance Company, was elected president of the Board of Curators of the University of Missouri early in June, succeeding the late John P. Wolpers of Poplar Bluff.

Mr. Wolpers' place on the board was taken by James A. Finch, Jr., Cape Girardeau lawyer who, like Mr. Powell, is a graduate of the University at Columbia.

Mr. McHaney became president of the General American company last January, after serving several years as its vice-president and general counsel. Previously he was an Assistant Attorney General and counsel for the State Insurance Department.

### Uncle Sam Takes Four From Gamma Delt; Seven Pledge

During the summer Gamma Delta lost four men to Uncle Sam. Harold Geidel, former frat president, and "Sleepy" Schneider were drafted; Browning Miller and Bill Phillips enlisted in the Air Force.

With the opening of the fall semester, seven new detail-haters were added to the House. They are reportedly good choremen, especially when an active stands ready with a potential fine. "Rocky" Stourton, newly elected pledge captain, is anticipating to "sign" the heavy end of the pledge paddle.

Our four new members, George Stearns, Jack Weber, Gerald Hoffstetter, and Walde-mer Stopkevyc will be initiated Tuesday night September 25.

The sports outlook for our frat is exceptionally good for the coming semester. Jack Weber, ping pong whiz, will represent our House in the intramural tourney. After tacking down second place in the tourney last year, he stands an excellent chance of winning this year. The football situation is also strong for this fall.

The St. Louis Alumni Group is throwing a party for the Actives and Pledges September 29, the night of the Miner-Washington U. Football game.

The officers for this term are: President, Walter Unger. V-President, Richard Mueller. Treasurer, "Casey" Taylor. Secretary, Paul Egan.

Alumni Secretary, "Tiny" Abendroth. House Manager, Ralph Sundermeier. Steward, "Fish" Herring. Clerk, Gene Haertling.

### University Dames To Hold Annual Tea

The University Dames met Thursday evening at 8:00 o'clock in Building T-4. After the business meeting the girls enjoyed cokes and a pleasant social gathering.

**Annual Tea.** The University Dames will hold their annual tea at the home of Mrs. Curtis L. Wilson at 506 W. 11th on Saturday afternoon, September 22nd from 3:00 to 5:00 p.m. This is considered one of the Dames' outstanding social gatherings of the year and a large group is expected to attend.

All students interested in trying out for Miner Board report to old infirmary Tuesday evening at 7:30 p.m.

### Civils Hold Three Man Edge Over Miners In Curriculum Race

The number of students enrolled at M.S.M. has dropped again this semester. The decrease in enrollment is considerably smaller this fall than it was last fall. Last year, the enrollment dropped from 2475 students to 1663 students. This year the enrollment is 1200 students.

There are 226 freshmen enrolled in the school this semester. This is an increase of 9 students over last year's low of 217. Sophomores enrolled here dropped from 257 to 174, Juniors from 411 to 306, Seniors from 624 to 402, and graduate students dropped from 135 to 72. Twenty students are unclassified.

The Civil Department claims the greatest number of students with 245 enrolled in it. The Mining Department follows closely with 242. In third place is the Mechanical Engineering Department with 192 students. The other departments: Electrical Engineering, 141; Chemical Engineering, 116; Metallurgical Engineering, 105; Science, 41; and Ceramic Engineering, 38.

### Snakes Lose Eric Gain Sixteen Pledges

During last week many of you might have heard the squeals of joy uttered by three of our men, it seems they were having a week of fun for themselves. Robert A. Nichols of Bernie, Mo. Richard M. Brube of Great Neck, N. Y., and James B. Millar of Rolla were initiated Sept. 16, 1951 and subsequently joined the honored ranks of Sigma Nu.

The results of spring elections were: Commander, Connelly Sanders; Lieutenant-Commander, William Oberschelp; Treasurer, Edgar Oliphant; Recorder, Alphine Kent.

We of Sigma Nu wish, at this time, to congratulate all the new pledges in their choice of a fraternity. The new men include: R. Kingsbury, W. Werner, R. Hault, F. Miller, C. Gockel, T. Corneli, G. Nichols, W. Gary, A. Holiday, K. Schmidt, T. Toutz, C. Eckerle, R. Dunford, A. Fitzwater, J. Victor, P. Broaduax. We are also happy to welcome back Mike Bologa, who after being called from a U.S.M.C. reserve unit, spending a year in the corps, has come back to become a brother in the near future.

There is but one thing which is vacant in the house and heart, good old Eric is gone. Three leers to the mayor of this fair community. Wishing all a good year with grade points, for all; Sigma Nu.

### LOCAL MSPE CHAPTER TO HOLD 1ST. MEETING MONDAY AT PARKER

OPEN MEETING  
PUBLIC INVITED

Monday night, September 24, 1951, 8:00 p.m., the auditorium of Parker Hall.

Speaker: Mr. Richard Baumhoff of the St. Louis Post-Dispatch.

Subject: Present Status of Efforts To Develop The Water Resources of the Missouri River Valley.

Mr. Baumhoff's factual and clear reporting on the subject during the past eight years is recognized as an outstanding record of journalism and his talk will clear up many questions regarding the progress of harnessing the waters of the Missouri Valley.

Frank J. Bates, President  
I. H. Lovett, Secretary.



## THE MISSOURI MINER



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## EDITORIAL

The staff of the Missouri Miner wishes to take this opportunity to extend to the freshmen a cordial welcome to the School of Mines. Take it from us boys; if your here for an education, fine; if your here for the social life, your S.O.L.

In your stay here you'll find the townspeople eager to make friends with you. It's a known fact that financial aid is being offered to all students (regardless of race or creed) at the inflated wage of fifty cents per hour for part time employment.

At the end of your first semester, when your walking around with a pint in your pocket and fond memories of better days in your mind, you'll know that you've really arrived at the epitome of your college career. Your a Miner.

Students at the School of Mines from the fine state of Illinois were struck a low blow at the cashiers window last week when the Business office announced that the non-resident fee would be increased from \$75 to \$150. Everyone who complained to the Miner struck me as being bitter about being notified so late rather than being against the increase.

After making a few inquiries, I learned from a reliable source that the University of Illinois had doubled their non-resident fee in mid August and therefore the Business Office here at the School of Mines was unable to get the notice out sooner.

Why the increase came about in the first place is beyond me, maybe they want to discourage interstate travel, or else they might be having a price war in reverse.

## Letters to the Editor

Dear Venerable Editor,

How are you Sir? It is quite a long time ago now since I have been seeking for many pen pals in the United States and very fortunately I came across your beneficial address in a certain directory of the editorial section.

The purpose of my writing is that I beg you with all respects just to publish my name and address in your widespread journal that I want many Pen Pals in the United States with whom to barter. I am an African Negro man living at Lagos, the Capital City of Nigeria and the seat of the Governor.

I have so many African goods such as Ebony and Ivory carvings, dressed calabashes, dagger knives, African furniture, snake skin belts, slippers and handbags, tiger skin hand bags, leopard skin hand bags, zebra skin handbags, monkey skin handbags, full length of tiger skins, zebra skins, alligator purses, gold rings, gold bracelets and necklaces, etc. etc.

All these goods are to be exchanged with American goods such as sweaters, shoes, sport-shirts, colored socks, fountain pens, towels, cameras, bill-folds, neckties, jackets, stationery, hats, soaps, and candy.

I promise to reply to all letters written to me by air mail and satisfactorily.

I shall be very grateful and greatly appreciate your kindness if an early attention can be paid to my request as quickly as possible, sir.

May God Almighty crown all your efforts. Amen.

Thanking you very much in advance, I am

Sincerely,

Jeekson Onas

Full address:  
Jeekson Onas  
16 Ojo-Giwa St.  
Lagos, Nigeria  
B.W.A.

It was a triangle; she and I were both in love with her.

Dear Editor,

The people of Rolla really do seem to be glad to see the Miners back for the winter. It's no wonder when one considers the amount of prosperity which they can bring to the town. But perhaps money is not the only object. There are a few who may be genuine friends to the miners. Witness the unprecedented low price on Guckenhaimers per fifth as advertised in the Rolla paper.

One incident which shows that at least one Rolla merchant is not out solely to get the Miners pocket change is the radio speaker episode. One miner hunted the town over for some beat-up old speaker which might be used in an experiment and was shown all sorts of worthless hulks with prices ranging to suit the imagination of the dealer. Then he was given one by John's Radio Service two blocks east on Seventh because John believes in giving a fellow a break once in a while. I, for one, believe in giving the breaks to the fellow who give me one, and the next time I have radio troubles, I know who will get my business.

The Miners, most of them anyway, seem glad to get back, if only because they know that the sooner they get started the sooner they can leave. And the town hasn't changed much since last spring. No new buildings, no radical changes of any kind, and even the odor of the men's room in the "Armpit" is the same. But give us time and we can change the latter.

Sincerely,  
D. L. T.

## CARPS

Better Values  
Rolla's Largest  
STORE

## Stephens College to Try New Honor Code

COLUMBIA, MO. — (I.P.) —

This year's Honor Code committee at Stephens College will launch a new project to be used in the classrooms. Recommended on a trial basis, the plan concerns the attendance policy in classes. Teachers may take any action which they see fit with the new plan.

The outline states that each student will be responsible for keeping her own attendance record in class. A roll book will be circulated during the last period of each week and in this the student will record her absences and the number of times she was tardy during that week. The symbols used will be "E" for excused absence, "V" for an unexcused absence and "T" for tardiness. The attendance policy will remain the same in each department.

Primary purpose of the plan is to not only extend, but strengthen the practice of the honor system here. Other reasons for its creation are to give more responsibility to the students, plus a chance to show more maturity; to relieve the teacher of the necessity of constantly checking attendance and to provide more time in classes for constructive education.

It's  
De-Bitterized!  
100% PURE  
ALL-GRAIN BEER

Griesedieck  
Bros.  
PREMIUM LIGHT LAGER BEER

Griesedieck Bros., Brewery Co.  
St. Louis 4, Mo.

BROYLES  
Distributing Co.  
ROLLA, MISSOURI

The Honor Code committee has also announced the reorganization of the committee. The group is now divided into subcommittees, outstanding of which are the research committee, the faculty cooperation committee and the committee on student information.

"I didn't raise my daughter to be fiddled with," said the putty tat as she rescued her daughter from the violin factory.

14 KT. GOLD PENCIL POINT FOUNTAIN PEN  
INSTANT START WRITING  
NO POINT DISTORTION  
KEEPS INK LONGER  
OUTSTANDING PERFORMANCE  
GREATEST UTILITY  
RUSTPROOF GOLD TONE CAP  
AMAZING VALUE  
PRECISION WORKMANSHIP  
HIGHEST QUALITY  
\$2

Tucker Drugs

NO  
W  
GAS SERVICE  
Wherever  
YOU LIVE  
with  
Uregas  
YOUR GAS

UREGAS  
Service Store  
707 Pine Phone 826

## Uptown THEATRE

Cooled by Refrigeration — Rolla, Mo. —

Fri., Sat., Sept. 21-22  
Shows 7 and 9 p.m.

I WAS A COMMUNIST FOR THE F.B.I.  
FRANK LOVEJOY  
A WARNER BROS. PICTURE

Sun., Mon., Tues., Sept. 23-24-25  
Sun. Continuous from 1 p.m.

JERRY MARTIN and LEWIS  
That's My Boy  
PARAMOUNT

## ROLLAMO THEATRE

— Rolla's Family Theater —

Fri., Sat., Sept. 21-22  
2 First Run Features  
Sat. Continuous from 1 p.m.  
Admission 10 and 25c

GYPSY FURY  
starring VIVECA LINDFORS

CHARLES STARRETT  
FORT SAVAGE RAIDERS

Sun., Mon., Sept. 23-24  
Sun. Continuous from 1 p.m.  
Admission 10 and 25c  
First Run in Rolla

THRILLS all the way!  
WHEN THE REDSKINS RODE  
starring JON HALL  
A COLUMBIA PICTURE

Let's Go to  
The RITZ Rolla  
ALWAYS  
Always 70 Degrees

Fri., Sat., Sept. 21-22  
Double Feature Program  
Sat. Continuous from 1 p.m.  
Admission 10 and 30c  
Leon Errol in

"Footlight Varieties"  
Susan Hayward in  
"I Can Get For You Wholesale"

Sun., Mon., Tues., Sept. 23-24-25  
Sun. Continuous from 1 p.m.  
Admission 10 and 40c  
First Run in Rolla

The Stormy Life...  
the Many Loves!  
Color by TECHNICOLOR  
VALENTINO  
ELEANOR PARKER - ANTHONY DEXTER  
A COLUMBIA PICTURE

ROLLA  
DRIVE-IN THEATRE

Box Office opens at 6:30 p.m.  
Show starts at 7 p.m.

Fri., Sat., Sept. 21-22  
Double Feature Program  
Rod Cameron - Vivian Austin  
"Boss of Boom Town"  
plus 2nd big feature

"Adventure In Manhattan"

Sun., Mon., Sept. 23-24  
Bing Crosby - Nancy Olson  
"Mr. Music"

Tuesday, Sept. 25  
— DOLLAR NIGHT —  
— A car load for a dollar —  
Johnny Sheffield - Sue England  
"Bomba and the Hidden City"

Wed., Thu., Sept. 26-27  
Lum and Abner in  
"The Bashful Bachelors"

Edwin Long  
Coffee Shop

- Serving -  
GOOD FOOD AT  
POPULAR PRICES

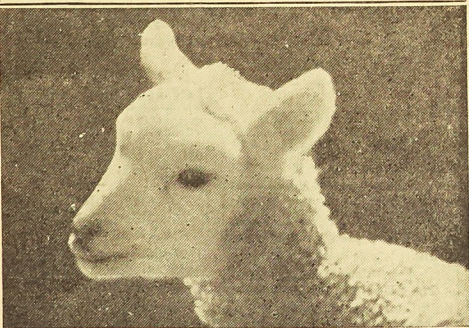
Bishop's

Phone 38

TUCKER DAIRY

ALWAYS ASK FOR —  
TUCKER'S ICE CREAM  
Rolla, Missouri

J. Paul Sheedy\* Switched to Wildroot Cream-Oil  
and Made Big Saving on 2-in-1 Sale



SHEEPY—er—Sheedy, was in ba-a-d shape—everybody lamb-basted him about his messy hair! "You'll get no sheepskin," the Dean said. "Somebody's pulled the wool over your eyes. Better comb it ba-a-ck with Wildroot Cream-Oil!" Then Paul heard about a special Wildroot 2-in-1 bargain: 2 regular 29¢ bottles, a 58¢ value, for only 39¢—the sheepest price ever! (Non-alcoholic Wildroot contains Lanolin. Relieves dryness. Removes loose dandruff. Helps you pass the finger-nail test.) Now Sheedy has more girls than the Sheep of Araby! Get this ba-a-again at any drug or toilet goods counter today! You won't get fleeced.

\* of 327 Burroughs Dr., Snyder, N.Y.

Wildroot Company, Inc., Buffalo 11, N.Y.



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Just write a simple four-line jingle based on the fact that

LUCKIES TASTE BETTER THAN ANY OTHER CIGARETTE!

(or other qualities of Luckies such as those listed below.)

Write a Lucky Strike jingle, like those you see on this page, based on the fact that Luckies taste better than any other cigarette, or other qualities of Luckies such as those listed below. If your jingle is selected for possible use in Lucky Strike advertising, we will pay you \$25 for the right to use it and your name in our advertising. Lucky Strike jingles will soon be running in your paper. Start today—send in as many jingles as you like. Be the first to write a jingle in your school!

Before each class—and after too,  
I do just what I like —  
Relax—enjoy the better taste  
of good ol' Lucky Strike!



Just made a great discovery  
Which I announce with haste:  
Folks go for Lucky Strike because  
They like that better taste!

## READ THESE SIMPLE INSTRUCTIONS

1. Write your Lucky Strike four-line jingle on a plain piece of paper or postcard and send it to Happy-Go-Lucky, P. O. Box 67, New York 46, N. Y. Be sure that your name, address, college and class are included—and that they are legible.

2. Base your jingle on the fact that Luckies taste better than any other cigarette—or on any of the alternate themes below.

3. Every student of any college, university or post-graduate school may submit jingles.

## IMPORTANT:

To make money writing jingles, it is not essential to base your jingle on "Luckies taste better than any other cigarette." You may base a jingle on other outstanding qualities of Luckies such as the following:

L.S./M.F.T.  
Lucky Strike Means Fine Tobacco  
Be Happy—Go Lucky!  
So round, so firm, so fully packed  
So free and easy on the draw  
Buy Luckies by the carton  
Luckies give you deep-down smoking enjoyment  
Luckies are the world's best-made cigarette.

L.S./M.F.T.-Lucky Strike Means Fine Tobacco





## Pittsburg Gorillas Tumble Miners in Opening Tilt

Beneath a cloudy sky Saturday, the Miner's football team opened their 1951 season. This wasn't a usual pre-season warm-up, but a game that would forecast the teams chances in the conference battle opening Oct. 6. The team that the Miners put on the field was one that lacked experience and reserve strength, and the Pittsburg State Teachers proved to be a capable test for the MIAA Conference champs. Losses due to graduation had hurt the Miners both in defense as well as offense. Graduation had claimed the majority of the offensive team and several of the key linemen on the defensive team. Although the team lost their opening battle, it doesn't mean that the team is ready for the showers, because experience is the best teacher for a newly founded team and the team has two more games to play before the conference games are encountered. The team can't be counted out until the last game, because they have the power and coaching ability to upset any team in the conference.

### First Quarter

The team witnessed the first game jitters as they fumbled the ball after receiving the opening kick. The Kansas team recovered the ball on the Miners 23 yard line and they in turn lost the ball to the Miners on a fumble after their second play, with Moeller recovering. On the first play the Silver and Gold fumbled again, and the teachers recovered the ball on the Miners nine yard line. After the first play, Pittsburg received an off-sides penalty and the Miners defensive team dug in to try and stop the Kansas team. The Teachers neglected their attack and took to the air; Tom Koedertitz knocked down one pass and the next pass play was complete, but the ball was caught behind the end zone, thus the States team was held by the Miners on the nine yard line. The Miners took over the ball and the team started to roll as Bullman completed a pass to Jim Tietjens for ten yards. Another pass play was called, but Friskel of the Teachers intercepted an ran the ball over for the first touchdown of the game. The extra point was good and after four minutes of play the State team was ahead seven to zero. The Miners received the kick and rolled up a first down and then was forced to kick as the Teachers stopped the Miners cold. The ball was exchanged between the two teams after a series of fumbles, with the Teachers coming up on the winning end as they recovered on the Miners thirty yard line.

After a series of short runs through the Miners line, Pittsburg's Halfback Ralph Hoffman plowed through the center of the line for another touch down. The attempt for the extra point was successful and the State's team soared ahead 14 to 0.

### Second Quarter

Koedertitz intercepted the ball on the Miners thirty yard line and the teams chances seem to take on new life. A completed pass to Tietjens and a penalty against the Teachers placed the ball on the mid-field strip. The

Miners hopes took to the show-ers as they again developed butter-fingers and lost the ball on the 45 yard line. The State's team began to roll again and after a series of short runs the ball was resting on the Miner's five yard line. The Kansas team failed to score as the Rolla men dug in and refused to be moved. Penalties against the Pittsburg's team was a great aid in stopping the teams advance toward pay dirt. The Miners received the ball and attempted a series of runs by Roemmerman and Procter which payed off in a first down. The team failed to roll up the necessary yardage for another first down and was forced to kick. Howard Bullman kicked the ball to the State's two yard line for a 80 yard punt. The ball was returned to the Miners on a kick which was run back by Huffman. On the next play Huffman was trapped behind the line for a 10 yard loss.

The Miners lost the ball to the Teachers on downs. The ball was returned to the Miners on a short punt. Hampel replaced Bullman as the new field general. After completing a 20 yard pass to Tietjens the ball was intercepted by Bob Bowers. The half ended with the State team still in possession of the pig skin.

### Third Quarter

The third quarter was to prove to be the Miners best chance to score. After exchanging the ball on punts, the Miners started to roll as Dick Hampel completed a 40 yard pass to Tietjens. A series of lines plunges proved to be enough to give the Miners a first down. Another pass gave the team a first down and goal to go, but the team lacked that added strength to push the ball over for a TD, as the Teachers stopped the teams chances on the one yard line.

### Fourth Quarter

This part of the game gave the crowd a chance to witness the State's great running attack, as the Pittsburg team was in complete command of this quarter. Bob Bowers, a 193 pound negro, was the hub of this attack as he proceeded to rool up yard after yard with his smashing line plunges. This quarter also produced a new star for the Rolla team as Pete Weitzel sparked the defensive team and held the Teachers to one touch down. The final touch down was made by Thompson on a 19 yard run around end. The Miners were completely out-classed in this quarter and the outcome was very evident to the crowd. This quarter ended with the State's team walking away with a 20 to 0 victory.

Missouri School of Mines Football Statistics for 1951 one game total.

Total yards rushing — Tries —  
Yards gained — Yards lost —  
Net gain — Ave.-try:  
Miners 46 135 43 92 2.0  
Pittsburg 56 291 9 282 5.05  
Kick Off Returns:

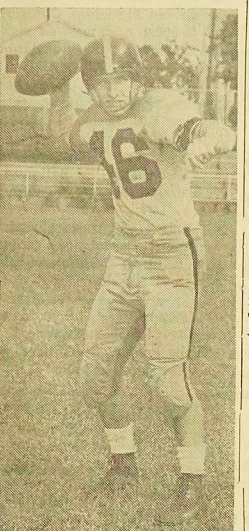
Tries Yards TD's  
Huffman 3 55 0  
Morris 1 2 0

Penalties — Yards:  
Miners - 30; — Pittsburg 80.  
First Downs:  
Miners - 10; — Pittsburg - 13.

## ROLLA PASSING ATTACK LEADS TEAM OFFENSE

Pictured below are, Dick Hampel and Jim Tietjens, the passing combination that clicked against Pittsburg's Teachers last Saturday in the Miners initial season's test. This combination netted the Rolla Griders a total of 78 yards as it marked up 6 completions.

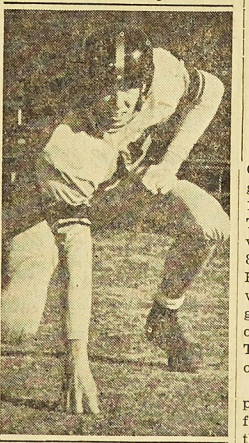
Hampel, playing his second year with the Silver and Gold is a sophomore and is the flinging end of the duo. Last year



DICK HAMPEL

Hampel was a mainstay on the Miner defense platoon and in last Saturday's tilt was seen playing on both the offense and defense. With two years of play left we should see a lot of Dick in the future.

A senior and well known figure here at Mines is Jim Tietjens



JIM TIETJENS  
Missouri Mines

who rounds out the duo by snagging the tosses for which he offers such a formidable target. This is Tietjens last season of play with the Miners who will miss his excellent pass catching. Playing on two championship elevens he will be out to do his part in making it a third.

This aerial attack seems to be the most perfected of any of the Miner offenses and will probably play and important part in the Rolla Elefvens defense of the M.I.A.A. title.

## Intramural Sports

The Sig Ep men were the undisputed champions of the summer intramurals. They finished up the summer by taking two firsts and two seconds out of the four summer sports.

The championship softball game between the Sig Eps and the Tech Club was won by the intramural champs behind the able pitching of Gene Trytko, who gave up only 4 hits. Clarence Cookson led the Sig Ep batters by clubbing out 3 hits for 4 times at bat. The top hitter for the Tech Club men was Sam Smart who collected 2 of his team's 4 hits. The final score of the game was 5-4 in favor of the Sig Ep's 9.

The Tekes "Frogmen" took first place in the swimming meet. The Tekes set a new record in the 120 yd. Medley Relay. Bob Eggeman, Jim Mahoney and Collins bettered the old mark by one-tenth of a second. The results of the aqua events were:

120 yd. Medley Relay  
1. TKE — Eggeman, Collins, Mahoney  
2. Sig Ep — Kerr, Parret, Burke  
Time: 1:13.4.

120 yd. Free Style  
1. Eng. Club — Warner  
2. TKE — Midgley  
Time: 1:38.7.

60 yd. Ind. Medley  
1. TKE — Buder  
2. Sig Ep — Theodotides  
Time: 38.5.

60 yd. Free Style  
1. TKE — Buder  
2. Eng. Club — Demarco  
Time: 36.6.

60 yd. Backstroke  
1. TKE — Eggeman  
2. Sig Ep — Kerr  
Time: 49.6.

160 yd. Free Style Relay  
1. TKE — Buder, Harmon, Midgley, Mahoney  
2. Sig Ep — Kerr, Parret, Demarco, Burk  
Time: 1:31.6.

Diving  
1. Triangle — Mable 99.2 points  
2. TKE — Mahoney 85.6 points  
The individual medalist in the Golf meet was Roy Flinn, Engineers Club, who shot a 75 for 18 holes. Ted Algermissen, TKP, was runner up for individual honors with a score of 84 for 18. Roy Flinn's 75 and Bob Smith's 90 walked away with team honors for the Engineers Club. The Sig Ep team of Gene Huffman and Gene Trytko was second with a score of 194.

Gene Huffman took first place in the tennis individual's for Sig Ep. The runner up in the individual play was Bill Birch, Tech Club. The tennis doubles were won by John Miles and Herman Byrd of the Tech Club. The Sig Ep team of Gene Huffman and Bill Sheppard was second in the doubles play.

The final intramural standings for the summer semester were:

Points	Organization
1600	..... Sig Ep
1425	..... Tech Club
1325	..... Engineers Club
1260	..... TKP
1225	..... TKE
975	..... Triangle
650	..... Gamma Delta
500	..... Graduates

## GRIDDERS JOURNEY TO MURRAY, KY. FOR TILT

Tomorrow the miners will journey to Murray State for another chance against the split T. The Thoroughbreds under the guiding hands of Coach Faurot will field a squad of returning lettermen. The Thoroughbreds will have the same back field again this year, but will have a few changes in the line due to some of their linemen graduating, and two of the linemen joining the navy.

The Miners haven't had a chance to scout the Thoroughbreds this year, but the scuttlebutt is, even though they have suffered a loss in the line they have a stronger team than in previous years.

The meeting of Murray and the Miners won't be a conference game. The Thoroughbreds a noted for their split formation. In this formation the linemen are more widely spread and the quarterback moves laterally along the line of scrimmage to hand off the ball. The quarterback for the Thoroughbreds is McDonald, who is a very capable ball handler and passer. In last years game the Thoroughbreds picked up more yards by rushing than did the Miners, but the Miners out-classed them in the air.

Although the Miners are classed as the underdog they will be fighting hard to achieve their first victory and continue their winning pace experienced last season.

## Sig Eps Take Summer Intramurals

The Sig Eps, although losing many grade points; especially in the case of their outstanding scholar "Rich Red" won the summer intra-mural trophy by amassing a total of 1275 points which was 175 more points than their nearest rival the Tech Club. The deciding factor in the race was the golf tourney where trytko and Huffman tied for second with the Tech Club team thus clinching the coveted trophy for the house. Much credit for an undefeated softball season goes to our pitcher Gene Trytko. Not bad for an old man Trit. The outstanding participant from the house was Gene Huffman who won medals in three sports. However, congratulations are in order for all those taking part in the program.

We of Sig Ep are proud to welcome into the fraternity new members Don Bogue, Tony Bruskas, Gene Trytko, Don Bailey, Lloyd Mason, John Priest, and Bob Custer. We also extend congratulations to Don Bogue, who was our honor pledge.

A romantic pair were in the throes of silence as they rolled smoothly along an enchanting woodland path, when the lady broke the spell:

"John, dear," she asked coftly, "can you drive with one hand?"  
"Yes, my sweet," he cooed in ecstasy of anticipation.  
"Then," said the lovely one, "You'd better wipe your nose, it's running."

A pink elephant, a green rat and a yellow snake walked into a cocktail bar.  
"You're a little early, boys," said the bartender, "he ain't here yet."

## MINER'S 1951 SCHEDULE

Date	Opponent	Place	Time
Sept. 22	Murray State	Murray, Ky	8:00
Sept. 29	Washington U.	St. Louis	2:15
Oct. 6	Warrensburg	Rolla	2:15
Oct. 11	Maryville	Maryville	8:00
Oct. 19	Kirkville	Kirkville	8:00
Oct. 27	Springfield	Springfield	2:15
Nov. 3	Cape Girardeau	Rolla	2:15
Nov. 10	Fort Leonard Wood	Rolla	2:15

## MINER HOPES LOOK DIM FOR DEFENSE OF TITLE

Coach Gale Bullman shooting for his third consecutive MIAA football championship this year, he has predicted a fifth place finish for the Miners.

With the loss of sixteen lettermen, including the entire offensive team, Bullman would need a miracle to produce a winning first place team. The returning fifteen lettermen and new freshmen are going to compose this years team.

Three guards are out because of injury including last years star Conrad Neal. Roger Schopel a offensive center, is also out with a back injury, cutting down Coach Bullmans chances even more. With injury such as these and the loss of valuable lettermen there will be a long road ahead.

A quick look at the team will prove to the rest of the confer-



ROGER SCHOEPEL  
Missouri Mines

ence teams that the Miners won't be a run of the mill game. Two important items to analyze are, the magic touch that Gaule Bullman possesses in composing champion teams and the ample supply of unproved freshman material. Graduation didn't claim all the 1951 MIAA conference championship players, but it claimed the majority of the Miners smashing line. The back field is still in excellent shape due to the return of Dick Roemerman the new pile driving full back, but the Miners lack that all important basis of all top notch teams; a strong and firm line. With the majority of the past years defensive line now

The great big beautiful car drew up to the curb where the cute little working girl was waiting for a bus. A gentleman stuck his neck out and said, "Hello, I'm driving west."  
"How wonderful," cooed the girl, "bring me back an orange."



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## CAMPUS HIGHLIGHTED BY NEW MECH BUILDING

(Continued From Page 1)

A complete Westinghouse steam laboratory is installed so that the two, 25kw turbogenerators are at mezzanine level and above the condenser and other accessories which are located so that they are easily accessible from the ground level floor. This accessory list is lengthy and is so designed that it is possible to operate the set in fourteen different ways. This includes turbines in steam and series and in parallel, condensing and non-condensing, etc. A Marley cooling tower is provided for circulating water cooling and for heat exchange instruction.

The Westinghouse switch boards provided with the steam laboratory are very modern and complete in their design and contain all the instruments and accessories usually found in large central station power plants. Steam is provided by a new 100 hp, oil fired Dutton steam generator, complete with all the automatic and safety devices of a much larger steam generator. Provisions are also made to operate the turbines with steam from the school's power plant when it is not convenient to operate the laboratory boiler. All this equipment was outfitted with extra accessories which were installed in such a way that it may be used or omitted in a test to determine its usefulness and desirability.

### Laboratory Equipment

The internal combustion engine section of the laboratory contains as major items, a 100 hp General Electric dynamometer serving at one end a Dodge automobile engine and at the other a 75 hp high speed Cummins Diesel engine. A Waukesha C.F.R. research engine, "Otto cycle" is mounted for dynamometer or synchronous speed loads. The compression, timing mixture, and cooling temperatures, load and synchronous speeds are all adjustable with precision while the engine is running. A Waukesha high-speed, heavy-duty diesel engine also mounted on an electric dynamometer with accessories similar to the above. Each dynamometer serving the research engines also serves an industrial engine of comparable size, speed, and cycle. Additional engines of various types are on display. These are complete and could be mounted on one of the dynamometers. Compressed air is provided by an Ingersoll

Rand compressor, this is designed for service or testing. The heating, ventilating, refrigerating and air conditioning section is designed so that a test room is served by a hot water boiler, two types of hot air furnaces, an all-year air-conditioner, and a heat pump. The walls of the test room, which is the size of a bed room, are demountable and may be exchanged each year if it is desired to do so. There are of course, two refrigeration units in connection with this equipment.

The metal procession section has its tool rooms and machine shop on the ground floor. Only two pieces of equipment are as much as ten years old. The tools are modern and ample from hand tools and lathes to planers and radial drills. Several pieces of grinding equipment have been added. The shop is provided with ample power through a bus duct so that additions and changes can be made with a minimum of delay and expense.

Above the machine shop on the mezzanine and entirely enclosed is a well-ventilated welding laboratory. It is equipped with acetylene arc and controlled atmospheric arc welding and cutting. The equipment too, is modern. It also represents a variety of manufacturers.

The two story front section of the building contains the offices of the mechanical engineering faculty on the first floor while the second floor serves as class rooms for machine design, power plant design, etc. The mezzanine floor on the north side of the laboratory has six large rooms for report writing and research. The water tank for pump tests is under the laboratory floor.

The main laboratory is well lighted with large windows, sky lights and light fixtures. The floor is concrete and the walls are of glazed tile. The office walls are plastered and the floors are asphalt tile over concrete.

The department of Mechanical engineering graduated its first student in 1917 and after a rather slow beginning has of late accelerated very rapidly as shown below.

### Mechanical Engineering Graduates

Year	B.S. degrees	M.S. degrees
1911-1920	4	0
1921-1930	24	0
1931-1940	125	0
1941-1950	549	18
1951, June only	79	3
Totals	781	21

During these years the faculty

## TEN LOAN FUNDS

(Continued From Page 1)

all of the loan funds is approximately \$46,000. A typical year's business shows approximately 300 loans granted, amounting to about \$23,500.

All of the school's loan funds are administered by the Business Office under the direction of a faculty loan fund committee of which the Assistant Dean is chairman. This committee receives applications and acts upon them. The Business Office handles all of the business transactions once the loans have been approved by the Loan Fund Committee.

There have been many students who have been able to complete their education at the School of Mines primarily because of the existence of the loan funds, and it is anticipated that this condition will continue down through the years to come.

has been increased from 3 to a total of eighteen. The first master's degree in Mechanical Engineering was granted to Lloyd Wilson at the spring commencement in 1948. His theses as well as several others have been published in engineering journals. Several recipients of the M.S. degree have received Doctors degrees or are working to that end at other schools.

The curriculum offered by the department is designed to meet the needs of the general mechanical engineers. It consists of 158 academic hours and is unusually strong in machine design and power engineering, of course attention is given to the basic engineering subjects of chemistry, mathematics, physics, etc., with more of engineering economics finding its place in the students program.

As one girl explains it: "He's tall, dark and hands."

## Evils of Instruction Pointed Out by Ellis

COLUMBIA, MO. — (I.P.) —

The greatest evil of instruction that curses colleges and universities is the frequency with which classes are dismissed in order to make a Roman holiday because of the fortunes of intercollegiate athletics, declares Dean Elmer Ellis of the University of Missouri College of Arts and Science.

Emphasizing that even the students lose respect for the need of uninterrupted instruction when college administrators "dismiss classes to provide audiences for visiting firemen, or because of a football victory," Dean Ellis said, "I do not know of any one thing that could go further to prove to young instructors and to students that we really value our teaching than would rigid adherence to the number of days of class work that are published in our calendars."

"I have no illusions about the difficult and unpleasant task of changing this practice," Dean Ellis stated, "but until we do, it is hypocritical to pretend to our young instructors, or to our students, that we place a high value upon instruction."

He believes that educational institutions must maintain the integrity of classroom session, and must maintain policies that command fundamental respect of the students and faculty if they would have improved standards of instruction.

The Bee is a busy little soul. He has no time for birth control. And that is why in times like these

There so many sons of bees.

Frosh: My roommate says there are some things a girl should not do before twenty.  
Soph: Well, personally, I don't like a large audience either.

## Lambda Chi's Move To 3rd New Location

The boys at Lambda Chi Alpha are living in their third house since their installation of chapter on the campus. The new home is located at 606 Walnut St. Most of the men returned from the summer vacation early in order to get the house cleaned and the kitchen set up. Those that waited until registration day to return are finding it rather expensive.

The chapter wishes to extend their congratulations to Charles Mahoney and Sam Culmo. Sam was married in August and Charlie took a wife early in September. Last Saturday night, Sam and Charlie gave the house the customary party required of new married men.

Nick Schurick was elected to the office of intramural manager and Bob Crosby took over the job of pledge trainer. Lee Hull was chosen as rushing Chairman and Seales Anderson as assistant treasurer. Congratulations men.

Eight new men have been pledged for the coming semester, they are: Bill Campbell, Maurice Topel, Bill Demarco, Kent Smay, Charlie Moore, Warren Hooks, Herb Pillisch and Ed Ballantyne. We are glad to have you with us men.

The men had quite a variety of summer experiences ranging from R. O. T. C. summer camp to jobs in Alaska.

"Listen to those chimes. Aren't they beautiful? Such tone."  
"Talk louder. Can't hear you for these damned bells."

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Tu ker Drugs

## Baptist Student Union

The first Baptist Student Union monthly meeting of the new semester will be held tonight at 7:30 p.m., at the First Baptist Church, Seventh and Cedar.

All Baptist preference students are invited to come and find out what the First Baptist Church and BSU has to offer you as MSM students.

There will be a short program followed by a social hour and refreshments. Bring a girl (if you can find one.)

"I'd like to buy a brassiere."

"What bust?"

"Nothing, it just wor out."

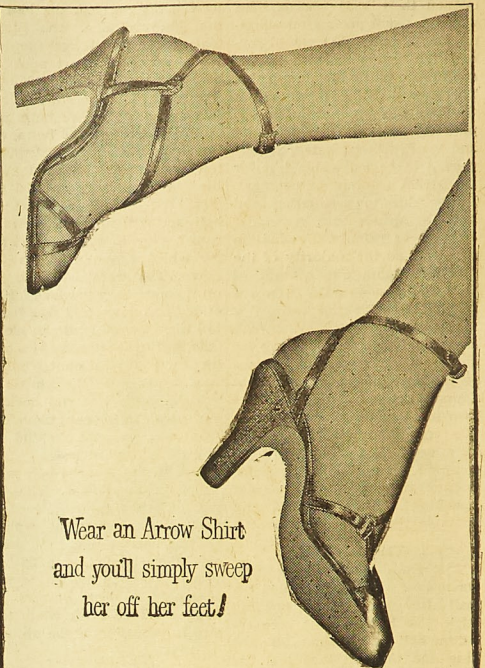
And then there was the absent minded fly who couldn't remember what it did with its specks.

"How come he was kicked out of school?"

"He was cheating."

"How?"

"Caught counting his ribs in a physiology exam."



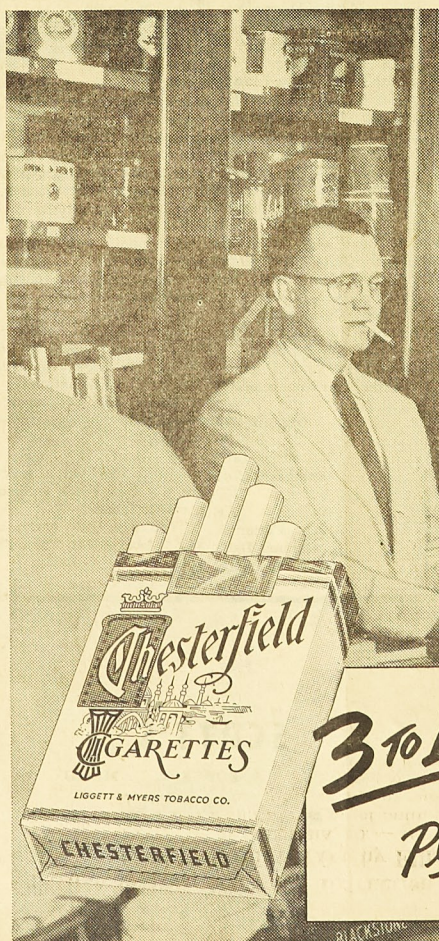
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3 to 1 because of  
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Plus NO UNPLEASANT AFTER-TASTE  
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See for Yourself!

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When perspiration stains and odors are removed your clothes are fresh as new... A new life added to summer-wear garments.

### SPOTS GONE—MORE DIRT REMOVED

...and see how our Santone Service coaxes new brilliance into dim colors. Actually revives your clothes.

### PRESS HOLDS LONGER

...the "how" is a secret—but see for yourself. Actually the press on your clothes will last longer.

### NO DRY CLEANING ODORS

At last! A better dry cleaning that doesn't leave a tell tale odor to destroy the freshness of your clothes.

OUR SANTONE SERVICE  
IS A BETTER KIND OF  
DRY CLEANING



**Busy Bee Laundry  
DRY CLEANERS**

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