



01 Nov 1963

The Missouri Miner, November 01, 1963

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Three Reasons For the Ban on Boxing at MSM

Intramural boxing, a prominent part of the MSM overall athletic program for over 30 years, has been banned from the School of Mines campus for the academic year 1963-64. The decision to do away with the sport had been under consideration by the school for three years, but was made final this fall. The Athletic Department has given three strong reasons why the discontinuance of boxing was necessary.

1. Publicity—Perhaps the most eminent reason for the boxing ban is the unfavorable publicity which the sport has received in the past few years. Last year a number of boxers were killed in the ring. Aroused public opinion has called for an end to this "inhumane slaughter," while extremists have compared boxing to a gladiatorial contest in a Roman circus. In Missouri, the state legislature has considered putting an end to all

professional boxing within the state.

Under such pressures, almost all colleges in the United States have dropped boxing from the athletic programs. It may be noted here that throughout the 30 years which boxing has existed at MSM, no serious injuries have been suffered by any participant.

2. Fixtures—Jackling Gym on the MSM campus does not provide adequate facilities for the desired program that boxing has to offer. As boxing was one of the largest crowd drawing sports at MSM, the seating of spectators has been a constant problem. Also, room for working out is not ad-

See "Boxing" Cols. 2 & 3, Page 3

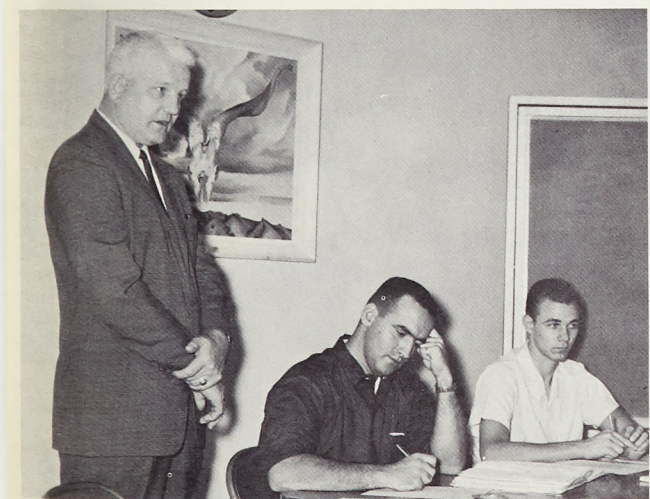
POLICE CHIEF ADDRESSES STUDENT COUNCIL

Stop Signs Only Blot On MSM-Rolla Relations

At its regular meeting on Tuesday, October 22, the members of the MSM Student Council had the pleasure of hearing a talk by Rolla's Police Chief, Mr. S. V. Bramlett. Mr. Bramlett spoke to the Council about the relationship between the "Miners" and the City of Rolla.

The Police Chief said that the Miners have a "good record" in Rolla and that he feels proud that

naturally, all of the blame can not be shouldered by the students of the School of Mines; however, the students should be aware that severe consequences may be suffered by individuals involved. As members of a college society, each student should be aware that he is generally regarded as having better than average intelligence and should, therefore, be capable of handling at least the responsi-



Police Chief speaks at Student Council meeting.

the Missouri School of Mines is located in this city. The number of violations made by the students of the school is far lower proportionally than those made by people outside of the student body.

The only major dispute between the city and the students involves the theft of several stop signs since the beginning of the fall semester. Although this may seem trivial to some, the number of these pranks has increased to a degree such that the city may be forced to take serious measures with any one caught committing these violations. Since the start of the fall semester the city has "lost" 62 stop signs at an approximate cost of \$15 apiece. A simple calculation will show that this involves a loss of approximately \$1000 to the city of Rolla through seemingly innocent pranks. Na-

turally, all of the blame can not be shouldered by the students of the School of Mines; however, the students should be aware that severe consequences may be suffered by individuals involved. As members of a college society, each student should be aware that he is generally regarded as having better than average intelligence and should, therefore, be capable of handling at least the responsi-

Campus Becomes Showplace in '63 Engineers' Day

Engineers' Day at MSM will open the campus to all interested high school and junior college students on Nov. 16. Conducted tours of the campus and departments will take place from 8 a. m. until 3 p. m. The IFC and Student Council will provide guides for the tours. Supervised tours will commence from the Student

See "Engineers' Day" Page 10

The Missouri

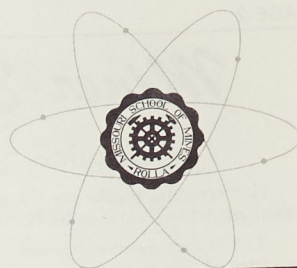
MINER

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME 50

FRIDAY, NOVEMBER 1, 1963

NUMBER 7



Dean Merl Baker Challenges Student Body in Monday Talk

Throughout life, every individual has certain obligations which he must perform as only a small portion of his total duty to himself and society. In recently addressing the student body, Dean Merle Baker summarized a part of these liabilities particularly applicable to this facet of our life — the obligations of the student to the school, and the school to the student.

Beginning his address with a greeting of welcome, the dean proceeded to define the university as "a center of scholarly activity serving as a catalyst for interaction between the student body and the faculty." During his entire speech, Dean Baker continued to emphasize the fact that a university only brings together the elements of a reaction — the student and the teacher — and does not, and cannot, force the formation of the final product, an educated mind. The final product is determined not only by the quality of the students and faculty, but by their "mutual respect for each other."

As stated by W. A. Peterson, "... we learn that Iron Curtains are not metal but mental, and that they are woven of fear, prejudice and mistrust." If, however, an academic Iron Curtain is raised upon the college level, resulting in an uninterested student body and

college drop-outs, "Who is at fault?" As stated by Dean Baker, "... both are. Who is the greater loser? The student, because dropping out of college is probab-

being an engineer or scientist." Also, it could be possible that "the student ceases to challenge the professor and the professor is no longer a guiding light to his stu-



The Dean addresses Miners on responsibilities.

ly the greatest continuing loss which he will ever sustain." On the other hand, the professor "may be guilty of not having given you the exciting picture of

dent." In both instances, the hope and glamour of any education fails, and thus its efficiency.

As suggested by Dean Baker, before a student and professor can function, they must have certain elements which are nearly synonymous with a good education. Setting is one of the first requirements of a great university. "Attractive and comfortable buildings ... cultural and recreational opportunities ... adequate libraries ... balanced curriculum ..."

See "Dean's Talk" Page 5

Full Schedule Awaits Homecoming Observers

Alumni Reunions

Homecoming at the Missouri School of Mines and Metallurgy has been set for this Friday and Saturday and special features will include reunions and the traditional Miner-Southwest Missouri State Football Game.

Alumni will register on the morning of November 1st for guided tours of all the newer facilities on the Campus, and open meetings of the Alumni will be held then. In the afternoon the Missouri School of Mines Alumni Board of Directors will meet and in the evening a kick off welcoming dinner for Alumni and guests will be held at the College Inn of the Edwin Long Hotel.

Pep Rally

Do you want the Miners to beat the Bears of S.M.S.? If you do, why not let them know about it! Be on the intramural field Friday night, November 1, at 9:00 p. m. That is the time of the Miner Pep Rally sponsored by the MSM Student Council. There will be a bon fire, cheering and the introduction of the coaching staff and team captains. The coaches and team members will talk about their plans for the Homecoming game. A pep band is to be provided by Mr. Oakley, Director of the M.S.M. R.O.T.C.

Band. It should be a fine time, so bring your girls, bring your cheers, and let's really show the Miners we are behind them! !

Homecoming Traditions

The traditional Pajama Race, sponsored by the Interfraternity Council, will once again be held at half-time of the football game. Kappa Sigma won last year for the third year in a row, and retired the traveling trophy, so a brand new trophy will be up for grabs this year. Each fraternity pledge class enters a four man relay team and all contestants race in pajamas.

The IFC also sponsors a homecoming decorations contest and all fraternities will be trying to win the beautiful trophy awarded. Last year's winner was Lambda Chi Alpha.

On November 2nd the annual meeting of the Alumni Association and Convocation will be held in the Ballroom of the Student Union, with Dr. Merl Baker, Dean of the School as principal speaker. Class reunions will include the classes of 1918, 1923, 1928, 1933, 1938, 1943, 1948, 1953, and 1958. In the afternoon will be the football game and in the evening the banquet and Homecoming Dance.

Tau Beta Pi Has Rewarding 4-Day Stay in Rolla

Tau Beta Pi is a national engineering honor society now having 112 undergraduate chapters, 30 alumnus chapters, and over 121,000 initiated members. Students are elected to membership by the chapters from the top 20 per cent, scholastically, of their engineering classes on the basis of character and service to their colleges. Alumni may be elected on the basis of their eminent achievements in the engineering profession.

Tau Beta Pi's 58th national Convention was held in Rolla, Missouri, October 16-19, 1963. The Missouri Beta (Missouri School of Mines and Metallurgy) student chapter was host. Head-

See "TBPi" Page 9

Miner Editorials

Genuine School Spirit!

Homecoming marks the climax of both the athletic and fall social season of our nation's colleges, and MSM is no exception.

Too many people, though, concern themselves with the party activities of this event while avoiding scheduled all-school functions.

The school presents a different face to many different groups, and one of those faces bared to the criticism of other schools is our football team. Consequently, the school as well as the individual men on the squad deserve the backing of each member of the student body. All of us must be conscientious in promoting MSM's general prestige. In other words, we are responsible for displaying genuine school spirit.

The Homecoming bonfire, to be held on the school's intramural fields at 9:00 o'clock tonight, provides an excellent opportunity for just such a show of enthusiasm. Not only will a large attendance help to create a healthy atmosphere of unity for the school, but it should prove to be the perfect start for a perfect Homecoming weekend.

Letter to the Editor

More on "Foreign Student Situation"

Editor:

The "Foreign Student Situation!" as reviewed by Mr. Eric Puro-nen in the last issue of the *Miner*, was a comment on an earlier statement entitled "Peace Corps at MSM." Mr. Puro-nen made some objective remarks in his elegant critique on which I would like to emphasize and discuss.

Firstly, "why do the foreign students insist upon going everywhere and doing everything in their own group?" This fact has its own cause. Human beings are definitely gregarious and moreover, peoples of the same cultural background have about the same attitudes towards things. This *per se* does not conflict with the demands of my first account on the subject neither in letter nor in spirit. I might add that Americans abroad also aggregate together in most sides of their social life. But this, in itself, does not forbid them from indulging into cultural encounters with natives anywhere.

Secondly, why do they speak their own language in their groups? There is no explanation for this very sad fact. Mr. Puro-nen has all the right to criticize that undesirable attitude. Such a practice, no doubt, enables the barrier between foreign and American students to survive. Naturally an American would feel shy to intrude on a conversation, if it is performed in a language unknown to him. In fact, anybody would feel the same about it. The complaint has been heard not only on the campus, but also in the town's restaurants and drug stores. It is up to the foreign students themselves to correct their own mistake.

Finally I would like to mention that the situation is actually a host-guest relationship. Those who are well aware of their responsible role in respecting their traditional duties as guests, expect to be given the chance to learn more about the country and its people. Meanwhile, they would be given the chance to transmit the philosophies behind their own cultural patterns, and both the foreign guests and the American hosts benefit greatly with no possibility of harmful results.

I would like to commend Eric's objective insight and to thank him for the great interest in a matter that should involve all of us here at MSM.

Farouk El Baz
President, Organization of
Arab Students at MSM

"Sticky Fingers" at MSM

Editor:

It has come to my attention that there is a current rash of people losing things on this campus. Everyone loses something of value from time to time. Usually an ad or announcement is placed in appropriate locations in order to secure its return. Now I ask you to consider the circumstances which now exist. People are aware of an article being lost, and yet no one seems to have found it, or someone has found it, and rather than take the trouble to return it, keeps it himself. This places a definite hardship on the person who lost the article. The article may or may not be replaceable. Slide rules, books, etc. may be replaced at some expense. However, an article such as class notebook or lab report book is practically irreplaceable.

If anyone was as honest as he should be, many articles would be returned. As a result of either lack of concern for others, or outright dishonesty, people are put to an unnecessary inconvenience. If people would just stop to think a little more about the other person and how he feels, then more people might get lost articles returned.

Bill Gilbert



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

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The Reviewer's Stand

"SPENCER'S MOUNTAIN"

Delmar Daves, whose films about adolescent romances and family entanglements, "A Summer Place," "Parish," and "Susan Slade," were box office triumphs for Warner Brothers, now turns to a wholesome and heartwarming tale of modern-day Americana for a picture of sure-fire appeal. "Spencer's Mountain," based on Earl Hamner's novel of the same title is the reviewer's choice this week.

The cast is headed up by Henry Fonda who plays the homesteading father, Maureen O'Hara as Fonda's attractive and resourceful wife, Donald Crisp as the pioneer grandfather, James McArthur as the grandson with college ambitions, and Wally Cox as a timid preacher. Panavision and Technicolor have endowed the film with backgrounds of such rich, almost breath-taking beauty that they become an asset in themselves.

Fonda and O'Hara, parents of 9 children, have been homesteaders in Wyoming since Donald Crisp, Fonda's father, divided his Spencer's Mountain property among his 9 boys, years before. Fonda's eldest son, James McArthur, is an honor high-school student and his teacher puts him in line for a scholarship at the university. Fonda, who has been building a "dream house" where he and Maureen can retire some day, is finally forced to burn it down and sell the land to enable James to go to college. Meanwhile, James finds out about love from Minsey Farmer, a city-bred girl, and Crisp is accidentally killed when he walks into the path of a

To the Editor:

Shortly after mid-semester, the FM radio station will begin broadcasting on 88.5 mc.

All of the equipment has arrived and has been installed. The studios are in a usable condition, although work is continuing on them. (The antenna is probably installed as of this publication.)

The staff is ready to go. They are as follows: Wayne Huckabee, Musical Program Director; Jerry Kettler, Educational Program Director; Mike Devaney, Business Manager; and the following announcers: John Wheeling, Jim O'Bryant, Ken Bowles, Glen Lytle, David Wayne, Vince Wahler, Pete Smith, and Russ Woirhaye.

The faculty advisors to the station are Prof. Wells Leitner and Mr. David Oakley.

The program schedule has been set and will be published shortly. It consists of approximately 25% educational programs, 40% easy listening music, 20% jazz, and 15% classics. There will be no rock n' roll music. The station will broadcast from 7 p.m. until 11 p.m. seven days a week; however, we hope to begin broadcasting longer hours within a short time.

The station programming has been planned to meet the needs of the students and faculty of MSM and we welcome all constructive criticism, however, we ask you to bear in mind that we can't please all of our listening audience all of the time because of the variety of tastes found in our student body and faculty.

Before we can set a definite date for our first broadcast, we must meet the following requirements of the FCC. Equipment tests must be made to determine that the station is broadcasting in the proper after the test's results are sent to the FCC. As soon as we receive permission will probably be given to begin broadcasting about ten days after the tests results are sent to the FCC. As soon as we receive permission to go on the air we will set a definite date for the beginning of regular broadcasting.

In behalf of the staff and the faculty advisors, I would like to invite you to visit the station over Homecoming or at any other time and express your views on our operation and programming.

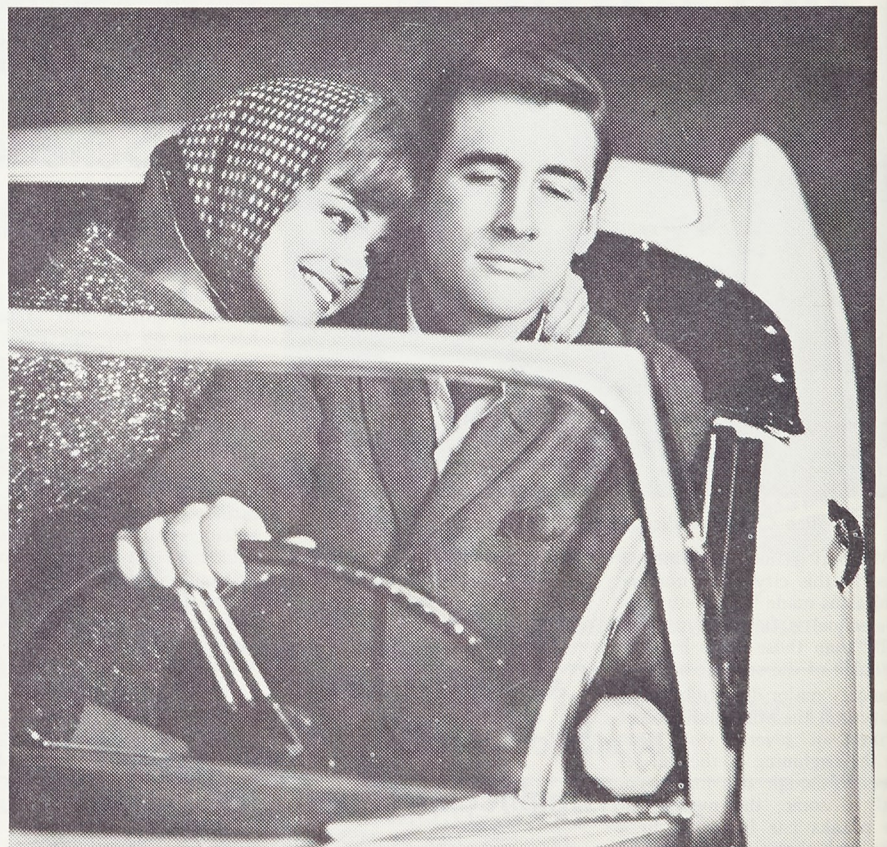
Respectfully submitted,
Dale Marshall
Station Manager

falling tree chopped down by his son.

That the subject matter is utterly simple and unsophisticated, that the sentimentality with which the film is richly endowed is ever present, that no tax is placed on the minds of the audience, are assets to this movie. It will be shown at the Uptown Theater from November 1 through November 4.

NOTICE

All those completing graduation requirements in Jan. who have not applied for a diploma see Mrs. Tucker in Registrar's Office.



Does a man really take unfair advantage of women when he uses Mennen Skin Bracer?

All depends on why he uses it.

Most men simply think Menthol-Iced Skin Bracer is the best after-shave lotion around. Because it cools rather than burns. Because it helps heal shaving nicks and scrapes. Because it helps prevent blemishes.

So who can blame them if Bracer's crisp, long-lasting aroma just happens to affect women so remarkably?

Of course, some men may use Mennen Skin Bracer because of this effect.

How intelligent!



Faculty-Students FB Game Highlights AIChE Outing

At the October 23 meeting final plans were made for the AIChE's annual fall outing. After the short business meeting Dr. Allen Bowman delivered an informative talk on "High Temperature Materials" relating their uses to nuclear reactors.

Saturday, October 25 was the day of the outing. The main event of the day was a student-faculty touch football game. Although the faculty defense proved to be rather strong, the offensive unit lacked speed and agility. Amazingly the faculty's small men proved to be their biggest asset. Mayhan was the stalwart of the line. Wellek, going both ways, was the star pass receiver, dropping 98% of the passes thrown, and the heart of the pass defense. As quarterback, Zakin provided the brains for the outfit but showed his ends by describing their pass patterns as lines of momentum transfer equations. Primrose and Carr provided the beef of the line but found they lacked the stamina required to move their weight where it was needed.

Because of lack of ability on the faculty line, quarterback Zakin was often caught behind the line

of scrimmage. It didn't take much to make the student defense look good against the faulty faculty offense. The student offense, however, buckled under the threat of Monday quizzes and wisely scored only once. Waterboy Strunk didn't aid the faculty cause by carrying water, but instead spent all of his time studying phenomena of heat transfer from coals to hotdogs. Coach Conrad wisely removed A. V. Martin from the game before he was seriously injured by the overzealous students. The final score was 6-0, students.

The next meeting is to be held October 6 at 7:00 p.m. in room G-6 of the Chemical Engineering Building. The speaker will be Mr. Charles P. Frew of Union Carbide Company, speaking on "Process and Project Engineering." Members are urged to attend, and new members are always welcome.

BOXING BAN

(Continued from page 1)

equately provided. It will at least two years before a new gym could be completed.

3. Rules—Intramural boxing

Greek News

Theta Xi Grooms Alums With Annex

With Homecoming just a week away, Theta Xi's social committee is in full swing. Friday night will be the Theta Xi annual Viking Party with Friday night supper being the traditional beer, shrimp, and garlic bread supper. Saturday night will see the Grand Prix's band here at the house from 1:30 a.m. until closing time.

The biggest change here at "The House on the Hill" is the addition of the new annex. Having room for thirty-six men and a spacious recreation room, this is a welcome replacement for the annex the fire destroyed.

Changes in the status of some of the brothers has also changed here at Theta Xi. Ernie Jones was married in August and Bill Shermer became engaged also in August. Among those joining the ranks of pinned men of Theta Xi are Steve Jungers, Dean Townsend, Larry Ellett, and Ike Williams. Congratulations guys!

Acacia Modelling To Face Acid Test

The brothers at Acacia are really looking forward to a fine Homecoming celebration. Their "blast" will be typified by the display in the side yard which shows a poor Bear being blasted into space by an elaborate missile. Saturday night the house will sponsor a party with Lou Bailey's band.

This party will be a good time to test the floors in the living room which were refinished at the first of the year by several of the Acacians.

Acacia also wants to congratulate brothers Gonzalez and Burchill for certain individual accomplishments. Brother Gonzalez re-

cently became pinned to Miss Nancy Davis of Kansas City, Missouri. Nancy is a graduate of the University of Missouri and is presently teaching in the elementary school system of Hickman Mills, Missouri. Brother Burchill is now engaged to Miss Susan Flock of Affton, Missouri. Sue will graduate from Missouri Valley College this year and also enter the field of elementary education.

Triangle Grooms 3 New Brothers

Triangle initiated Mr. Kenneth Walter Irwin, Mr. William Eugene Polka, Mr. William Thomas Wegryzen on October 16, 1963. Irwin is presently a senior in Electrical Engineering and plans to graduate in June of 1964. Polka and Wegryzen are juniors in Civil Engineering and Metallurgical Engineering respectively.

An informal initiation party was held Saturday, October 19, 1963. With the help of some of the men from Pi Kappa Alpha and Phi Kappa Theta it turned out to be quite a celebration.

Beta Sig Takes 1st in FB League

Last Thursday evening, the powerful seven from Beta Sig romped over Tech Club 18-9. This victory gave Beta Sig a 5-0 record and the league championship. Beta Sig's hopes are high as they enter the finals.

This coming Saturday night, the Beta Sig house will really be swinging. The Raindrops will provide the rhythm for the "Harvest Hop." All the members will be dressed like hillbillies. Everyone is welcome.

Seventeen Pledge Theta Tau as Sem. Activities Roll

Seventeen men have been elected to enter into the pledgship of the Iota Chapter of Theta Tau Professional Engineering Fraternity. These men were elected because of their proven initiative and leadership in campus activities, their high character, and their interest in the professionalism of the college student.

Theta Tau was founded at the University of Minnesota on October 15, 1904, by four students of Mining Engineering. The purpose of Theta Tau is to develop and maintain a high standard of

rules tend to be vague and in some cases impossible to follow. However, the rules are now being adjusted and should be usable in the near future.

It may be assumed that for reasons two and three, conditions could improve enough to warrant the reactivation of intramural boxing at MSM. But, as it has been previously stated, publicity is the prime factor in the boxing ban and this type of agitated public feeling could destroy all types of boxing in the United States.

Students at MSM have enthusiastically supported intramural boxing and are seeking through petitions to have it brought back into being. However, for the school year 1963-64, intramural boxing is definitely prohibited. The course that will be taken in future years remains to be seen.

The question has arisen as to a similar ban being placed on flag football which at times can become rather rough. The Athletic Department has stated the ban will not carry over into other sports practiced at MSM.

UPTOWN THEATRE

MOVIES IN CINEMASCOPE

Starts Thurs. Oct. 31-Nov. 4

Sunday Feature Shown at

12:30, 2:40, 4:50, 7:10, 9:30

Admission: Adults 75c

Children 35c

'Spencer's Mountain'

Henry Fonda & Maureen O'Hara

Tues., Wed. Nov. 5-6

'Diary of a Madman'

Vincent Price & Nancy Kovack

RITZ THEATRE

MOVIES ON WIDE SCREEN

Fri., Sat. Nov. 1-2

Saturday Continuous from 1 p.m.

'Carry on Nurse'

Shirley Eaton &

Terrence Longdon

—PLUS—

'The Tin Star'

Henry Fonda & Anthony Perkins

Sun., Mon., Tues. Nov. 3-5

Sunday Continuous from 1 p.m.

'The Counterfeit

Traitor'

William Holden & Lilli Palmer

—PLUS—

'Squad Car'

Vici Raaf & Paul Bryar

Wed., Thurs. Nov. 6-7

'Blood and Roses'

Mel Ferrer & Elsa Martinelli

—PLUS—

'The Chapman

Report'

Efrem Zimbalist, Jr. &

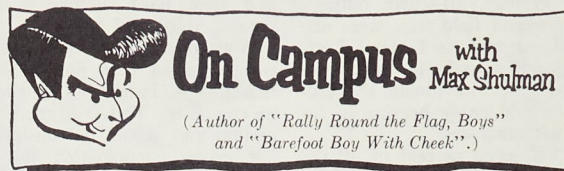
Shelley Winters

professional interest among its members, and to unite them in a strong bond of fraternal fellowship. The Iota Chapter at MSM was the ninth chapter and was founded in 1916.

Theta Tau is the oldest professional engineering fraternity. Its activities on this campus include: Mum sales at Homecoming, Ugly Man contest to raise money for the March of Dimes, and publica-

tion of the school calendar.

The seventeen men chosen to pledge this semester are: David Blume, Dale Brown, Jerry Davis, Michael Deelo, Phillip Dunn, Roger Fanetti, Paul Gerhardt, Donald Housch, Samuel Hurt, Robert Jung, William Kirchoff, Norman Meyer, Robert Moxham, Peter Pulis, Richard Skinner, Truman Turall, and Robert Wheeler.



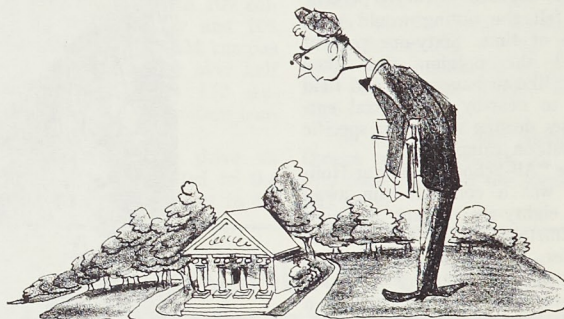
HOW SMALL CAN YOU GET?

Today let us address ourselves to a question that has long rocked and roiled the academic world: Is a student better off at a small college than at a large college?

To answer this question it is necessary first to define terms. What, exactly, do we mean by a *small* college? Well sir, some say that in order to be called truly small, a college should have an enrollment of not more than four students.

I surely have no quarrel with this statement; a four-student college must unequivocally be called small. Indeed, I would even call it *intime* if I knew what *intime* meant. But I submit there is such a thing as being too small. Take, for instance, a recent unfortunate event at Crimscott A and M.

Crimscott A and M, situated in a pleasant valley nestled between Philadelphia and Salt Lake City, was founded by



What, exactly, do we mean by a *small* college?

A. and M. Crimscott, two brothers who left Ireland in 1625 to escape the potato famine of 1841. As a result of their foresight, the Crimscott brothers never went without potatoes for one single day of their lives—and mighty grateful they were! One night, full of gratitude after a wholesome meal of French fries, cottage fries, hash browns, and au gratin, they decided to show their appreciation to this bountiful land of potatoes by endowing a college. But their generosity contained one stipulation: the enrollment of the college must never exceed four students. They felt that only by keeping the school this small could each student be assured of the personalized attention, the camaraderie, the esprit, that is all too often lacking in larger institutions of higher learning.

Well sir, things went along swimmingly until one Saturday a few years ago. On this day Crimscott had a football game scheduled against Minnesota, its traditional rival. Football, as you can well imagine, was something of a problem at Crimscott, what with only four undergraduates in the entire college. It was easy enough to muster a backfield, but to find a good line—or even a bad line—baffled some of the most resourceful coaching minds in the nation.

Well sir, on the morning of the big game against Minnesota, its traditional rival, a capricious fate dealt Crimscott a cruel blow—in fact, four cruel blows. Sigafos, the quarterback, woke up that morning with an impacted incisor. Wrichards, the slotback, flunked his taxidermy exam and was declared ineligible. Beerbohm-Tree, the wingback-tailback, got his necktie caught in his espresso machine. Yuld, the fullback, was stolen by gypsies.

Consequently, none of the Crimscott team showed up at the football game, and Minnesota, its traditional rival, was able to score almost at will. Crimscott was so cross after this humiliating defeat that they immediately broke off football relations with Minnesota, its traditional rival. This later became known as the Sacco-Vanzetti Case.

So you can see how only four students might be too meagre an enrollment. The number that I personally favor is twenty. Why? you ask. Because, I reply, when you have twenty students and one of them opens a pack of Marlboro Cigarettes, there are enough to go around for everybody, and no one has to be deprived of Marlboro's flavor, of Marlboro's filter, of Marlboro's staunch and steadfast companionship, and as a result you have a student body that is brimming with sweet content and amity and harmony and concord and togetherness and soft pack and Flip-Top box.

That's why.

© 1963 Max Shulman

* * *

There are twenty fine cigarettes in every pack of Marlboros, and there are millions of packs of Marlboros in every one of the fifty states of the Union. We, the makers of Marlboro and the sponsors of this column, hope you will try our wares soon.

Campus Poll

"The Social Realm"

This week's Campus Poll dealt with "The Social Realm" of MSM's campus. In the poll there was a chance for all students to voice their opinion on the social phase of their education. Department outings, all-school outings, and weekend field trips were discussed, as well as General Lectures and a write-in space for groups and individuals the students would enjoy hearing in future performances.

Eighty-seven percent of all the questionnaires were returned fully answered. From the returns of the poll it is readily apparent that the students would like to see an all school holiday plan initiated on campus.

In the future, if you take one of the questionnaires placed in the Student Union, please return it on or before twelve o'clock Friday of the same week, to the appropriate box on the Student Union desk.

Twenty-seven percent of the students returning questionnaires felt there should be all-department outings at least once a semester, opposed to twelve percent who felt the outing would be a waste of time. Sixty-one percent voiced the opinion that they would like to have week end field trips to near-by commercial enterprises dealing with their specific interest on campus.

The "All-School Outing or Holiday" was a complete run away with eighty-six percent in favor and thirteen percent against. The purpose of this holiday was to break up the monotony of second semester and give the student a break between mid-term exams and semester finals. There still seems to be a small faction who believe that "all work and no play" is good for Jack.

There were no less than one hundred different entries under the heading of individuals you would like to hear in the future at

the General Lectures, but it seemed as though three or four kept popping up so these are the ones we will list. Heading the list was Ray Charles, with Peter, Paul, and Mary, The Kingston Trio, and Joan Baez running a close second, third and fourth.

A group of the questionnaires returned stated that Easter Vacation and St. Patrick's Day should be combined. This is a good suggestion and should be considered, but group participation for the sole purpose of swaying the opinion of a poll and giving an unrealistic view of the campus trend is not the object of Campus Poll. Another suggestion was that Christmas vacation be shortened and the extra time be added on somewhere else.

Look for next week's Campus Poll in the Student Union, it will deal with "The Image of Missouri School of Mines and Metallurgy in the Nation."

IFC Calendar Shows Bridge and Sing Coming Soon

Plans have been completed on this year's editions of two of the more popular events on the IFC calendar, the Bridge Tournament and the IFC Sing, and the various fraternities are already hard at work to make this year the biggest and best ever.

The IFC Sing is set for December 6, in the Student Union Ball Room, with a starting time of 7:30 p.m. Competition will be held, as in previous years, in chorus singing and in quartet singing. Many houses have already been practicing for several weeks, and this year's competition should be better than ever.

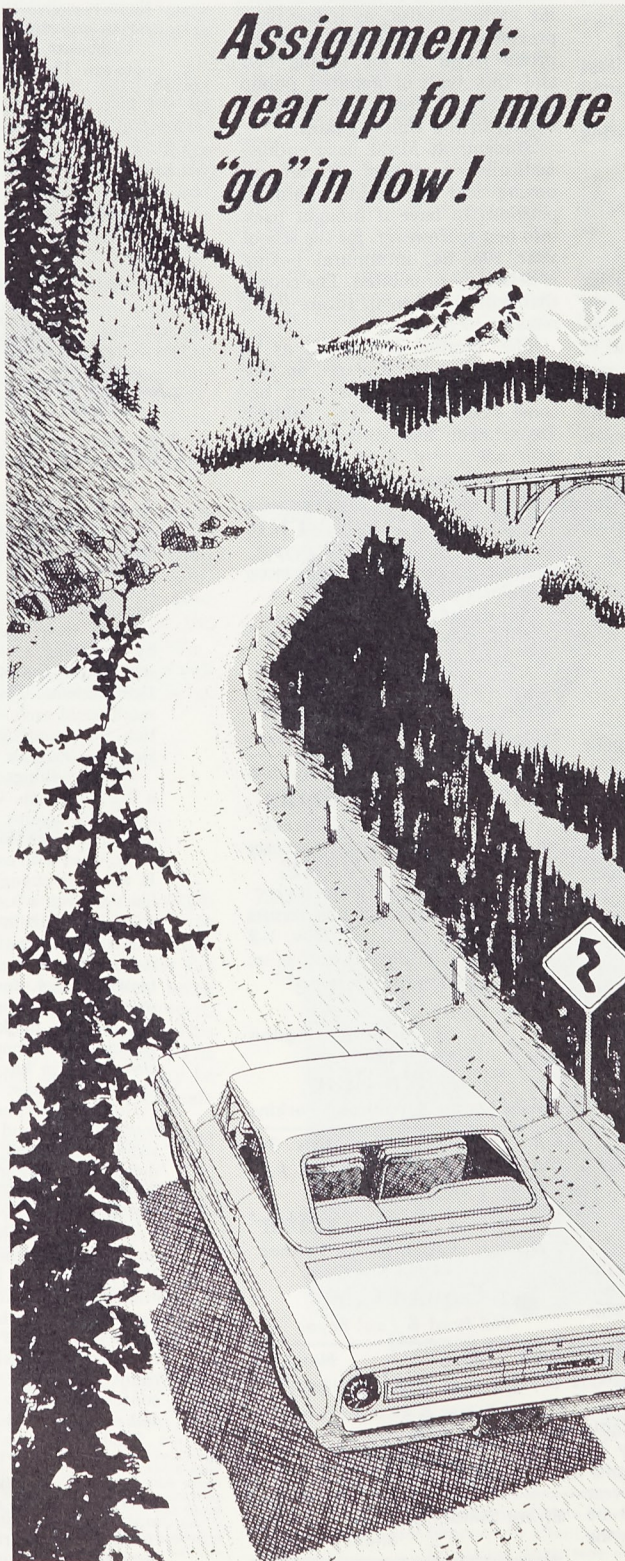
Last year, Kappa Alpha scored a first in becoming the only house to ever capture first place trophies in both fields of competition. The IFC Sing has always featured excellent music and this year should prove to be no exception.

LITTLE MAN ON CAMPUS



— NOW THAT WASN'T SUCH A HARD TEST, WAS IT? —

Assignment: gear up for more "go" in low!



Result: All 3-speed manual transmissions in Ford-built cars with V-8's now are fully synchronized in each forward gear

To get more "go" in low, Ford engineers were asked to upgrade the conventional 3-speed transmission to give drivers more control in all three forward gears—to make "low" a driving gear—and they tackled the problem imaginatively.

Their achievement, another Ford First, is the only U.S. 3-speed manual transmission with all three forward gears fully synchronized! No need now to come to a complete stop when you shift into low—and no clashing gears! It lets you keep more torque on tap for negotiating sharp turns and steep grades. It makes driving more flexible, more pleasurable.

Another assignment completed and another example of how engineering leadership at Ford provides fresh ideas for the American Road.



MOTOR COMPANY

The American Road, Dearborn, Michigan

WHERE ENGINEERING LEADERSHIP BRINGS YOU BETTER-BUILT CARS

Shown: 1964 Ford Galaxie 500/XL two-door hardtop

CHIEF TO STUDENT COUNCIL

(Continued From Page 1)

the city has a working agreement with the school that all violations by students are to be reported to the Office of Assistant Dean Hershkowitz.

Two other points concerning students which were mentioned were the maintenance of Lions Park and the activities during Halloween. The Chief said that the city is happy to have the students using the park, but that it is appreciated when they "clean up after themselves." Concerning Halloween Mr. Bramlett asked that traditions be carried on without the destruction of any property.

Mr. Bramlett pointed out some new laws which may be of interest to the student body. As long as a car is parked within the white line surrounding a parking space, it is parked legally. Beer commonly known as "3.2 beer" is against the law for minors in Missouri, and it is now against the law for even a parent to serve alcoholic beverages to his children if they are under age.

In general Chief Bramlett said that he had been involved with very few cases concerning any major disturbance by the students of the School of Mines. He said that he hoped the students would consider the city law enforcement as a friend rather than an enemy.

Montana Mines Offers More Than Engineering

This is the second in a series of features dealing with other colleges and universities' offering.

The Montana School of Mines aims primarily to prepare students for professional service in the five main branches of the mineral industries. These branches are mining, metallurgy, mineral dressing, geology, and petroleum.

For the student who plans to major in some field of engineering not offered at Montana, they have a general engineering course offered in the freshman year.

They also give those students who are interested in a non-engineering curriculum an opportunity to complete at least one year of general college work at Montana. Some students find that two years is possible for them.

In addition to the classroom work, Montana School of Mines has a well-rounded extra-curricular program. The cosmopolitan student body at Montana lends itself to interesting discussions of national and foreign affairs. They also have a public debate team that takes part in tournaments both in and out of state.

Another activity which the

School of Mines has is the Copper Guard, an honorary sophomore service society. The Copper Guard, under the direction of the Associated Students of Montana School of Mines, conducts a series of dances during the year. Its members usher at Mines' functions, organize rallies, perpetuate its traditions, and in many ways contribute towards the smooth conduct of student activities.

Montana School of Mines also encourages participation in dramatics because play production assists the student in developing a sense of responsibility, cooperation, and confidence.

During the second semester, an all college play is presented to which the public is invited free of charge.

Although Montana School of Mines is primarily a school to obtain a degree in the mineral sciences, it also offers the students an excellent opportunity to become better acquainted with the finer arts.

Tea Held by University Dames

The annual Autumn Tea of the University Dames was held at Rayl Cafeteria on Sunday, October 27, from 3:00 to 5:00 p.m. This year the tea was held in honor of Mrs. Merl Baker, wife of the new Dean of Missouri School of Mines and newest sponsor of the Dames.

With Mrs. Baker in the receiving line were Mrs. Ruth Betts, official greeter; Mrs. Dudley Thompson, a sponsor of the Dames; Mrs. Pat McGuinness, president of the Dames; Mrs. Billy Miller, Mrs. Joyce Harpole, Mrs. Shirley Grey, Mrs. Marty DeMay, and Mrs. Judy Coates, all officers of the Dames.

A beautiful table set with a large arrangement of fall flowers held refreshments which were graciously presented to the guests by the Tea Committee. The Com-

NEWS of the Week

Viet-Nam: Communist guerrillas killed 13 American officers and men and 42 Viet-Nameese soldiers in one of the biggest battles of the war. The Viet Cong lost 30 men in the conflict which took place about 150 miles south of Saigon. The battle consisted mainly of a frontal attack by the Communists rather than the usual hit-and-run guerrilla tactics.

The U. S. has cut off aid to the special forces of President Diem until they take the field against the Reds. The troops are an elite airborne unit numbering about 8000, and they have thus far been used only to patrol Buddhist temples. The move is in accordance with President Kennedy's policy of supporting only those things which will help win the war.

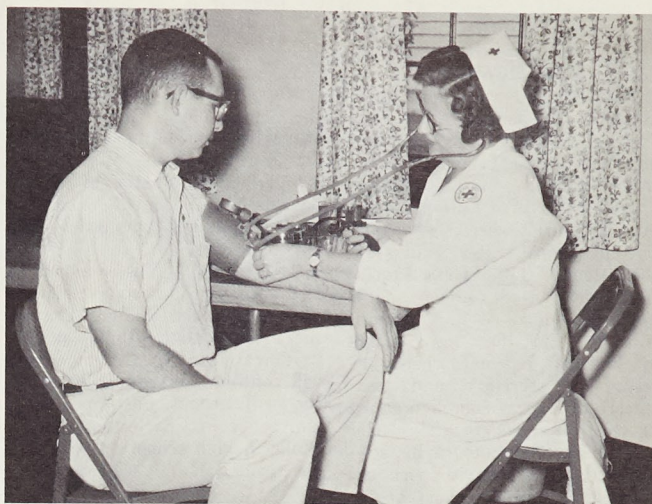
United Nations: Red China was refused membership in the United Nations for the 14th time by a vote of 57 to 41. This is approximately the same margin as last year although there was some switching of votes.

Germany: Rescue workers have pulled 7 of the 50 miners trapped in a flooded iron mine near Broistedt. Little hope is held for the rest of the missing workers. The men became entombed when floods in the mine's ore-washing reservoir broke a dam and streamed into both ends of the 300 foot-deep shaft.

Wheat Sales: The U. S. has sold nearly two million dollars worth of surplus wheat to Hungary. This is but a small part of the total amount which Soviet-controlled countries wish to purchase. Premier Khrushchev has threatened to call off the deal because the U. S. insists on having the shipping done by American vessels.

mittee, which was headed by Mrs. Joyce Martin and her co-chairman, Mrs. Kay Turner, were very successful in making the tea a pleasant and enjoyable occasion for all University Dames.

APO Blood Drive



Have you had infectious mallobrachus in the last year?

Last week the combined efforts of Alpha Phi Omega and the Red Cross brought to a successful conclusion the annual town-wide blood drive. Both townspeople and MSM students cooperated in this charitable effort.

The drive lasted from Wednesday, Oct. 23, through Thursday, Oct. 24. A total of 217 pints of blood were donated with 109 collected on the first day and 108 on the second. The MSM campus can be given credit for over half of the donations with 132 students and 9 faculty members contributing.

The success of the drive on campus can be attributed to the organization and work put in by

Alpha Phi Omega, the largest national service fraternity of its kind. They were responsible for the publicity and some of the paper work involved. As usual APO sponsored a contest among the various campus organizations to see who could accumulate the largest percentage of donors. The largest donors are as follows: Theta Chi 77.5%, Phi Kappa Theta 41.3%, Delta Sigma Phi 37%, Sigma Nu 13.3%, Acacia 6.9%, Beta Sigma Psi 4.1%, Sigma Phi Epsilon 3.3%, Kappa Alpha 3.0%.

The Red Cross and Alpha Phi Omega wish to thank all those who contributed to the success of this cause.

DEAN'S TALK

(Continued From Page 1)

are a few of the more important traits. Once an appropriate setting has been provided, the other two elements, a faculty and student body, are ready to assume their position. Although near opposites, these groups must both contain similar qualities of scholarship, creativity, persistence and leadership. Without these, the faculty and student body can never function properly as individual units, much less as an integral machine.

In summation, Dean Baker pointed out that every student can find faults with his particular institution of learning. As time passes, however, shortcomings "will decrease immeasurably as you become more experienced." Then, as an alumnus and "in a position of strength and influence, you can help us do a better job for the next generation of students. Our greatest pride and most significant measure of our work is the accomplishments which our graduates make in society. We are obligated to give you the best possible preparation and you should do your best to uphold the outstanding reputation of those graduates before you. Yes we have a mutual obligation to each other and may we all strive to better serve the other."

Winters Speaks At ACM Meeting

At the regular ACM meeting October 16, Mr. Bill Winters gave a short talk on regression analysis, explaining some of its uses and touching on its simpler aspects. It was decided the members passing an operators exam would be able to operate the computer on Wednesday nights, providing they sign up before 2:30 of that Wednesday. Plans for the fall banquet and the trip to MacDonnell will be discussed at a later meeting when more members are present.

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From "Little Miners" Size 4 to Extra Large

M. S. M. Class Rings

BY L. G. BALFOUR CO.
Both Old and New Style

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OMEGA WATCHES

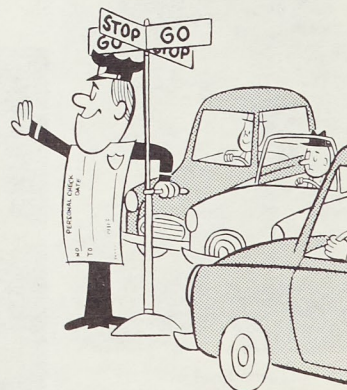
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LAUNDRY - DRY CLEANING - SHIRTS
Complete Bachelor Laundry Service
Corner 7th and Rolla Streets
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ALSO FEATURING
New Coin-Operated Self-Service Laundry

To check
spending—
spend
with checks



It's a double check, actually... Your checkbook's "running balance" constantly warns you against overspending — and because check-stub records show what you've paid out, to whom, there's little danger of repeating payments.

STOP burning up cash...
GO economically with checks—with us!

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Hwy. 72 & Rucker

The Drive In Bank With Parking

Twenty-One Beautiful Girls

BETA SIGMA PSI

Beta Sigma Psi's candidate for Homecoming Queen is Miss Alice Johnson, a perky, 5' 3", 21 year old, hazel eyed brunette hailing from Normandy, Missouri. She is a 1960 graduate of Lutheran High School Central, where she was active in choir. After graduation she attended IBM Data Processing School in St. Louis, and is presently employed in data processing. Alice has been active in Walther League, where she served as secretary and treasurer, and is the church organist in her home congregation. Her hobbies include photography, sewing, and she is an avid sports car enthusiast. Future plans include marriage to Pete Cassimatis. The Brothers of Beta Sigma Psi are proud to have Alice represent



Alice Johnson

them in this years Homecoming Queen Contest.

TAU KAPPA EPSILON

Miss Judy Boehm is Tau Kappa Epsilon's candidate for Homecoming Queen.

Twenty-two year old Miss Boehm is strictly a country girl, how-



Judy Boehm

ever her present habitat is St. Louis Missouri. While living in St. Louis, she was runner-up in the Miss Downtown St. Louis Contest.

Judy has sparkling brown eyes and light brown hair, and is 5 feet six inches tall, and weighs 110 lbs.

Miss Boehm attended Southwest Missouri State College and at the present is working in St. Louis.

She enjoys swimming and water skiing, while tennis and bowling help to occupy her time when she is out of the water. Don Luth, to whom she is pinned, also manages to take up some of her time.

Judy is a charming and beautiful young woman whom TKE is proud to have as its candidate for the 1963 Homecoming Queen contest.

KAPPA ALPHA

Kappa Alpha has selected as their Homecoming Queen Candidate Miss Patsy Ann Kessler. At nineteen years of age Miss Kessler is a perfect combination of beauty, personality, and intelligence. She is 5' 2" and has light brown hair and blue eyes.

At present Patsy is employed in Hillsboro. She has completed one year at Southern Illinois University in Carbondale, Illinois, majoring in liberal arts. In December she will continue her education, when she will attend Eastern Illinois University in Charleston, Illinois. While in high school Patsy was a cheerleader, and Homecoming



Patsy Kessler

Queen Candidate, and active in drama and music. Her hobby is hair styling.

THETA CHI

Theta Chi proudly presents Miss Joy Webb as their candidate for the MSM Homecoming. Miss Webb is a graduate of Beaumont High School. While at Beaumont she was a member of the Sports Club and active in Job's Daughters of which she is Past Honored Queen.

After high school, Joy attended Missouri University, Normandy Research Center for one semester. She went to Miss Hickey's Secre-



Joy Webb

tariat School for eight months and then entered St. Mary's School of Nursing where she is now studying practical nursing.

Miss Webb will be escorted by her pinmate, Gerald Johanpeter.

SIGMA PI

The brothers of Sigma Pi have chosen Miss Carolyn Seefeldt of Normandy, Missouri as their candidate for Homecoming queen.

Carolyn is presently a freshman, studying under a full tuition scholarship, at Washington University.

While attending Normandy High School, she distinguished

herself by being a member of the National Honor Society, secretary of the Future Teachers of America, treasurer of the Tri-Hi-Y, a member of Mu Alpha Theta (an honorary math society) co-editor of the yearbook, and a member of the girls' volleyball, basketball, and hockey teams.

Although she is only on the threshold of her college career, this seventeen year old beauty is already a member of the yearbook staff of the campus Y, and the Independent Women's Association



Carolyn Seefeldt

at Washington University.

Sigma Pi proudly presents this charming bundle of brains and beauty as its candidate for Homecoming Queen.

LAMBDA CHI ALPHA

Lambda Chi Alpha has chosen brown-haired, blue-eyed Sandra Kay Davis as its Homecoming Queen candidate for 1963.

After graduating in May, 1962 from Adrian High School in Adrian, Missouri, Sandy, an ever-smiling 5' 2" miss, attended Central Missouri State College at Warrensburg, Missouri for one term before moving to Texas where she became a secretary for a public accountant.

While in high school this petite miss was active as a cheerleader, member of the Annual Staff, twice a candidate for Annual Queen and in her junior year was chosen Homecoming Queen. Sandy holds a special interest for bridge, bowl-



Sandy Davis

ing, swimming and water skiing, horseback riding, and cooking for her husband Jerry Wayne Davis.

With her admiring features and pleasing personality, this charming lass can only be described as a pert and perky package of party fun who would make an ideal Homecoming Queen.

THETA XI

For Homecoming of 1963, Theta Xi Fraternity proudly presents

its queen candidate, Miss Judith Ann Juergens, from St. Louis, Missouri. Blue-eyed Miss Juergens graduated from Southwest High in St. Louis where she was active in GAA, Bowling Club, Pep Club, Cheerleader's Club and Sigma Delta Kappa, a local sorority. Having served her classmates actively in Student Council, she was selected to speak at her grad-



Judy Juergens

uation and was elected "Most Intelligent Girl" by her senior class.

Now a sophomore at Central Methodist College, having been awarded a scholarship at graduation, Judy remains active in athletics and organizations. Miss Juergens is on both the basketball and volleyball teams and has been active for two semesters on the bowling team. Judy is a member of Phi Beta Lambda, a national women's honorary society

What's

requiring a 3.5 average for membership.

Blonde haired Judy is lavaliered to Ray Betz, a brother of Theta Xi, and has long been an active participant in MSM social events.

PHI KAPPA THETA

The men of Phi Kappa Theta have chosen as their candidate for Homecoming Queen Miss Sue Balducci.

Sue, a five-foot four-inch, hazel-eyed brunette is from Clayton, Missouri. She attended St. Joseph's Academy in St. Louis, and while there was chosen queen of



Sue Balducci

CBC's La Promenade Militaire. At present she is a sophomore at Fontbonne College where she is majoring in elementary education.

An avid water-skier, Sue also includes sewing and cooking among her favorite hobbies.

Her escort for the weekend will

be Al Buescher, a senior in mechanical engineering.

MRHA

The Men's Residence Hall Association is proud to present their



Jayne Patrick

Homecoming queen candidate Miss Jayne Patrick.

This petite little brunette has brown eyes and stands 5'1". Jayne, who is 18 years old, graduated from Notre Dame High School in Cape Girardeau where she was valedictorian of her graduating class. While in high school, Miss Patrick was a varsity cheerleader, class officer, and a representative for Missouri Girls State.

She is presently a freshman Southeast Missouri State College, attending on a scholarship awarded for high scholastic achievement.

In her spare time Jayne likes swimming during the summer, knitting during the winter, and

dancing the year around.

Miss Patrick will be escorted by Don Sides, a Civil Engineering major.

ALPHA EPSILON PI

For the first time on the MSM campus, Alpha Epsilon Pi Fraternity presents a homecoming queen candidate.

Representing AEPI is the very beautiful Miss Sheila Gay Bess.

Miss Bess is 18 years old, 5'3" tall and a very nice figure.

She is a native of Rolla, Missouri and was very active in high school, with cheerleading, various clubs and school offices to her credit.

As a result of her obvious beauty and personality she has been chosen as a candidate in the Miss South Central Missouri Contest.



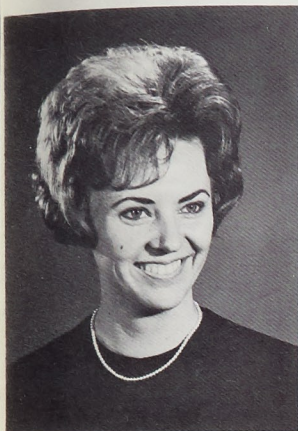
Sheila Gay Bess

She has won first place in the Fort Leonard Wood Modeling and Poise contest.

Girls To Be Homecoming Queen

TRIANGLE

The men of Triangle are proud to announce the selection of Miss Gail Heflin as their Homecoming Queen candidate.



Gail Heflin

Gail, a Junior at Southern Illinois University at Carbondale, is majoring in elementary education. Her present plans regarding her career are to teach on the grade school level.

It is fairly certain, however, that Gail will be a success in whatever she decides to do, since a glance at her record shows that she has been on the Dean's List every term that she has been at SIU. In addition to this, she is a member of a educator's honor society on campus, but this pert 5' 3" brunette is by no means "al work and no play." She takes part in wide range of athletic events especially bowling and

Charles High School. In her spare time she enjoys cooking, sewing, and good music. She is also quite active in outdoor sports, such as water skiing, swimming, ice skating, and horseback riding.

Miss Daugherty will be escorted by Conrad Stergas.

PI KAPPA ALPHA

Miss Jody Hagan has been



Jody Hagan

selected as representative of the Pi Kappa Alpha Fraternity for MSM Homecoming Queen candidate. She is from St. Louis, Missouri. Jody is a 5' 6" brunette, weighs 120 pounds, has hazel eyes, and a fair complexion. She has attended Bishop Du Bourg High School and holds a part-time job.

Besides school and work Jody finds time for fun — her outside interests are both social and ath-

near Table Rock Lake. She received a full scholarship to Drury College in Springfield, Missouri. Faye held the scholarship until she graduated in May of 1963, with a degree in Psychology and Sociology. She plans to start graduate study this spring at S.I.U. in Carbondale, Illinois or the University of Arkansas, at Fayetteville, Arkansas.

PROSPECTORS CLUB

The Prospector's Club is very Proud this year to present Miss Donna Rogers as it's queen candidate for the MSM Homecoming.



Donna Rogers

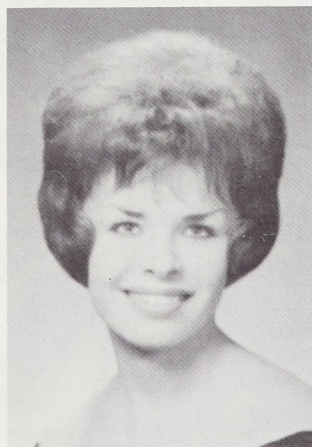
Miss Rogers is a senior at the Lebanon High School, Lebanon, Missouri. Donna, an accomplished roller skater, was a finalist in the Tristate roller skating contest. Other hobbies include horseback riding, trout fishing, and water skiing.

Miss Rogers plans to attend Missouri University next year, to major in education.

The members of Prospector's Club feel that Donna's sparkling personality, baby blue eyes, and well-proportioned 5ft. 4 in. frame more than qualify her for MSM Homecoming queen.

KAPPA SIGMA

Pretty, peppy, and petite are the best words to describe Miss Peggy Bennett, a five foot brunette, representing the Kappa Sig-



Peggy Bennett

ma Fraternity for Homecoming Queen. Peggy is presently attending Southwest Missouri State Teachers College at Springfield where she is majoring in dramatics.

Miss Bennett maintains an active interest in campus and social activities, being a member of the Student Council, social chairman of the Sigma Sigma Sigma Soror-

ity, Reader's Theater, and Canterbury Club. She has won over twenty first place medals and trophies for participating in Speech and Debate in Forensic competition all over the United States. In 1961 she was given the honor of being chosen the number one orator in Missouri. Peggy has also received the best actress award at the Speech Festival held at SMS in April of 1963.

Peggy will be escorted by Roger Anderson, a senior in mechanical engineering.

SIGMA TAU GAMMA

Sigma Tau Gamma has chosen lovely Miss Mary Mueller as their candidate for this years Homecoming Queen.

Mary stands 5'3" tall, has



Mary Mueller

blonde hair and radiant blue eyes. She resides in St. Louis, Mo.

While in school Mary was an honor student, as well as participant in many extra-curricular activities.

She is presently employed at the Emerson Electric Mfg. Co., in the Accounting Department.

Mary's escort will be Don Brewer, her finance.

ACACIA

Miss Mary Margaret Deibert



Mary Deibert

is Acacia's nomination for Homecoming Queen. This 21-year-old, brown-eyed beauty hails from Fargo, North Dakota.

She is presently employed as a private secretary for the General Electric Credit Department in Cleveland, Ohio and does part-time modeling. Last year Miss Deibert attended Moorehead State College, Moorehead, Minnesota, where she was a cheerleader and was chosen as chairman for Homecoming week.

Mary enjoys dancing, dating

and generally having a good time. Five feet, two inches of bubbling, congenial personality characterize this pert miss, who is now residing in Cleveland, Ohio. Her escort will be Vic Marshall, a senior in Ceramic Engineering.

INDEPENDENTS

The Independents are proud to present Miss Janice Holtkamp to represent them at the 1963 Homecoming activities.

Jan, who is a sophomore at Fontbonne College of St. Louis, is majoring in psychology with a minor in interior design. This lovely redhead is also on the debate team where she uses her captivating green eyes to full advantage over male opponents. Her hobbies are tennis and swimming.

For these reasons the Independents are pleased to have Miss Janice Holtkamp represent them at homecoming.



Janice Holtkamp

Jan's escort for the homecoming activities will be Bill Stoll.

DELTA SIGMA PHI

Miss Sherry Mann, a sophomore



Sherry Mann

majoring in education at Southeast Missouri State College, is Delta Sigma Phi's Queen Candidate for the 1963 Homecoming Queen Contest.

Miss Mann, a five foot seven inch brunette, is from New Madrid, Missouri. Her hobbies are swimming, and bowling. Sherry's escort is Mr. Wayne Huckabee.

SIGMA NU

Miss Joan Bayot, Sigma Nu's candidate for Homecoming Queen is currently attending Fontbonne College in Clayton, Missouri. Joan is a graduate of Nerinx Hall

(Continued on Page 8)

Our Pick?

the year around. Patrick will be escorted by Bill Stoll.

Sides, a Civil Engineer.

ALPHA EPSILON PI is the first time on the Alpha Epsilon Pi presents a homecoming

representing AEPI is the Miss Sheila Gay Bess is 18 years old, a very nice figure, a native of Rolla, and was very active in cheerleading, and school offices

result of her obvious personality she has been chosen as a candidate in the Central Missouri



Sheila Gay Bess has won first place in the Wood Model contest.

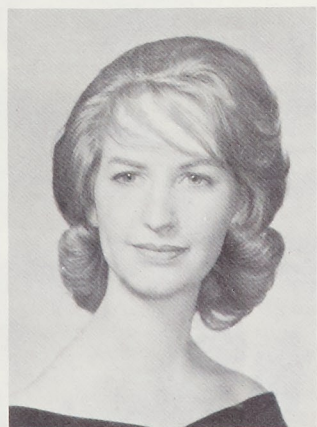


Carolyn Daugherty

Carolyn, a 1962 graduate of Lindenwood College, is presently teaching Home Economics at St.

ENGINEERS CLUB

Representing the Engineer's Club for Homecoming Queen is



Faye Johnson

Miss Faye Johnson. Faye is a 5'6", red-head from Lilbourn, Missouri. A good measure of her charming personality is the large number of friends she has acquired. Faye attended junior college at the School of the Ozarks,

SC Votes for Free Day After Christmas Holidays

The Student Council at its regular meeting on October 22, 1963, was honored to have as a guest speaker Chief Steve Bramlett of the Rolla Police Force. Among the points discussed by Chief Bramlett were the relationships among MSM students, the people of Rolla, and the Rolla Police Force. After an informal but informative talk, questions from the Council were invited.

During the meeting, further news was learned concerning the pep rally to be held Friday of Homecoming. Although at the time of the meeting final preparations had not been made, it appears that there will be a bonfire on the intramural field and a parade around the dorms and fraternity row.

The Council further discussed the question of whether the free day will be before or after the Christmas Holidays. A vote was taken and the results went in

favor of having it following the holidays. When final action involving this matter is taken the Council will inform the student body.

It was announced at the meeting that the MSM Radio Station will begin its regular programming between November 16-20. Composing part of the schedule will be Jazz, Folk Songs, Dixieland, and Favorite College Songs, among other programs of interest to college students. Also, there will be special classes conducted by the Radio Club, beginning with the novice.

As a result of various organizations requesting financial assistance from the Council, it was moved and passed to make the following appropriations for the 1963-64 school year:

St. Pat's Board	\$750
Radio Club	100
Glee Club	500

Bridge Tourney Set for Nov. 20

Is there anyone in your house who can build a working model of the Golden Gate Bridge? If so, be sure to enter him along with three other engineers in the IFC Bridge Tournament.

The annual IFC Bridge Tournament will be held in the Student Union Ball Room on November 20. The play will begin at 6:30 p.m. with each team consisting of four players since duplicate bridge requires four contestants per team. All fraternities should begin to think about who will represent them at the tournament and have the opportunity to win the IFC Bridge Tournament Trophy. Within the next two weeks each fraternity will receive a copy of the scoring rules and entry sheets.

Will your house have the honor this year of winning the annual IFC Bridge Tournament?

QUEENS

(Continued From Page 7)
in Webster Groves, and is currently studying home economics with



Joan Bayot

future plans of going on to art and design. Miss Bayot is also interested in water skiing and tennis.

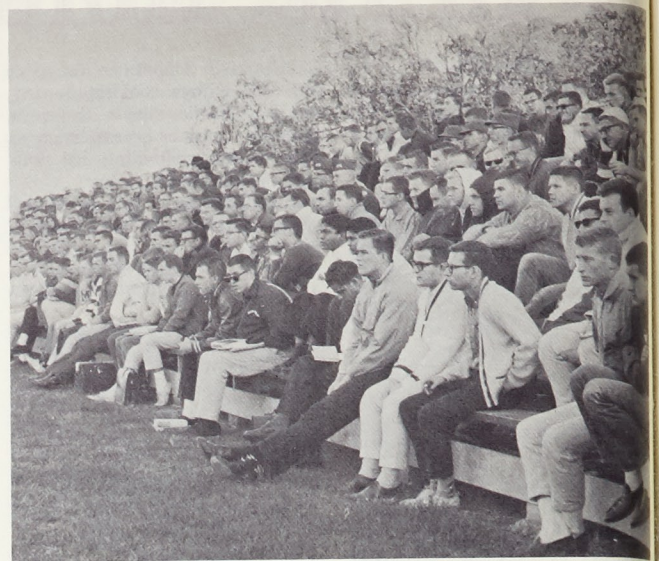
Class of 1943 To Present Gift At Convocation

Adding to the Homecoming festivities to be held this weekend will be the Alumni Association Convocation set for 10:30 a.m. tomorrow. Mr. J. W. Stephens, president of the MSM Alumni Association, will preside over the affair. Dean Merl Baker will be the speaker.

Among the guests to be introduced to the alumni will be Dale Marshall, president of the Student Council, and Joe Bogard, president of the Student Union Board. Students who are recipients of scholarships underwritten by the Alumni Association or paid through Alumni funds will also be present.

A gift presentation to the school will be made at this time by the class of 1943 on their 20th anniversary.

Brrr!



Pictured above is a part of the large crowd present to hear Dean Baker's Speech. A chilling wind failed to keep the students from hearing the Dean's first address to the student body. See page one for a summary of "The student's responsibility to the school, the school's responsibility to the student."

THE BELL TELEPHONE COMPANIES SALUTE: JACK SELLERS

Jack Sellers (B.S.E.E., 1956) typifies the successful engineer who takes advantage of the opportunities offered in the communications field at Southwestern Bell.

In just a few short years, he has moved forward through four major assignments into his present position as District Engineer at Bartlesville, Oklahoma. Jack's present responsibilities concern the engineering of new outside plant equipment for 33 towns and cities in northeast Oklahoma. Expenditures range upwards to \$700,000 annually. This is a job calling for administrative as well as engineering

skill. Jack has demonstrated both talents, admirably.

Throughout his previous assignments, Jack has shown his capacity for technical and administrative duties. Personnel under his supervision have been responsible for all outside telephone plant equipment in key areas. He has supervised as many as 54 people at one time.

Jack Sellers, like many young engineers, is impatient to make things happen for his company and himself. There are few places where such restlessness is more welcomed or rewarded than in the fast-growing telephone business.



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TELEPHONE MAN-OF-THE-MONTH



Chem Profs Say It's Not Whether You Win or Lose

The hitherto undefeated Chemical Engineering Faculty football team won a moral victory in a lousing display of the virtues of age, spirit, and contemplation when opposed by youth, size, speed, and talent. The game and A. I. Ch. E. outing were held on Saturday afternoon, October 26, at Lions park. The two ten minute halves required an elapsed time of one hour and 47 minutes because of the frequent need for refreshments by the players of both sides.

Rumors that several of the faculty players carried their grade books with them were denied by faculty captain Carr. Despite the students inability to score more than 6 points, the student team insisted on claiming the 1963 A. I. Ch. E. Outing Trophy.

MSM Infirmary Haven to the Weary Miner

Situated on State Street, across the campus from the buildings groups structure, is the building known to the hypochondriacs as "heaven" and to the MSM students as "The Infirmary."

The medical treatment and medicine which is offered by the Infirmary and its staff is open, free of charge, to all the registered students at MSM.

The Infirmary's staff consists of Dr. Earl E. Feind, Director of the Health Service, four full-time and two part-time Registered Nurses. The function of the staff is to care for the minor illnesses and injuries which befall a young person attending college.

The illnesses range from minor colds and headaches to contagious diseases such as measles and mumps. All these are treated with kindness and professional care.

In the case of an injury, the less serious ones are treated at the Infirmary but the more serious ones are sent to the Rolla clinic or Phelps County Hospital. The cases sent to the clinic or hospital are still under the student coverage. All major surgical operations are performed at the Hospital.

During the course of the fall and spring semesters of the school year an average of near one hundred

and fifty students make daily use of the Infirmary's facilities. With the decrease in students during the summer semester the average drops much lower.

The regular clinic hours are from eight in the morning to eight in the evening. At all other times there is a nurse on duty to manage any emergency which might arise. With the intramural football season drawing to a close, the night nurse is breathing a sigh of relief, losing her best customers.

Every time a student is treated at the Infirmary his name, the

nature of his case, and the time he comes in are recorded. This record, besides being used to keep the student's file up-to-date, can be used by an instructor to check his list of students who missed class for medical reasons.

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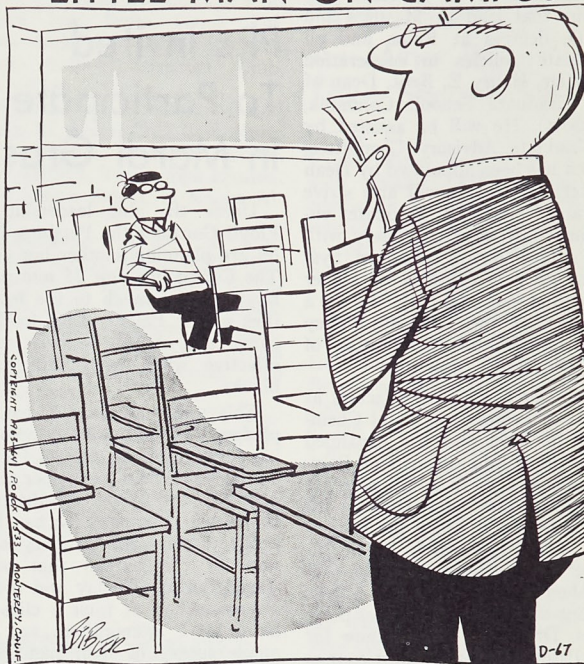
Bake Sale Held by Dames At Shamrock Club

The regular monthly meeting of the University Dames was held Thursday, October 24, at 7:30 p.m. in the Student Union Ballroom. Sgt. Gene Tenon, Safety Officer for the Missouri State Highway Patrol was the guest speaker of the evening. This program included a film, "Broken Glass" which demonstrated the importance of seat belts, stressing the fact that children need seat belts as much as do adults.

New business brought up was as follows: The Dames will again present two baskets of food to needy families in the area. All Dames are asked to bring an item of canned goods to the next meeting. A bake sale will be held November 9, at the Shamrock Club. Dames wishing to contribute baked goods are requested to take them to 1602 Cedar, D-4 Huffman Trailer Ct., B-2 Plaza Trailer Ct., or 144 Nagogami Terrace before the morning of the sale. Any Dame wishing to type thesis at night please contact Pat Millar at 364-1045, or 364-1327. Typists are always needed.

All Dames are urged to support the various interest groups. Many of them need more members to attend the meetings.

LITTLE MAN ON CAMPUS



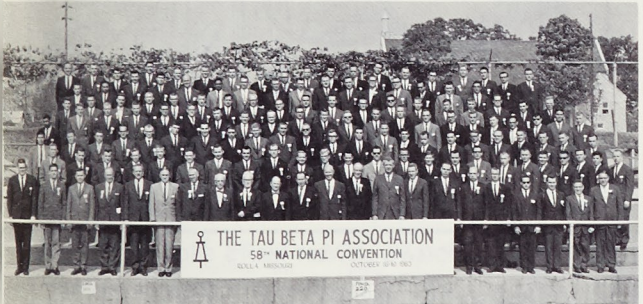
"CLASS, IT HAS BEEN BROUGHT TO MY ATTENTION THAT WE SHOULD REVIEW SCHOOL POLICY ON CLASS 'CUTS'."

Tau Beta Pi Convetion

(Continued From Page 1)
quarters for the Convention was the Holiday Inn on Route 66 three miles from the campus of the School.

The student chapters of Tau Beta Pi were represented from 108 of America's leading engineering colleges and universities. The Convention was also attended by the Association's national officers, by alumnus and faculty members from a number of chapters, and by the representative of the Miami Alumnus Chapter, Tau Beta Pi's beloved Secretary-Treasurer

ing. Dr. Frank R. Delfeld, staff engineer for A. C. Spark Plug division of General Motors Corporation, was the principal speaker at the October 17 evening meal. He presented an informative address on "The Challenge of the Space Age." The keynote address of the Convention was delivered at the initiation banquet the evening of October 18, by Mr. Robert E. Hage, vice president for advanced product planning, McDonnell Aircraft Corporation. Mr. Hage, a former president of the Washington Alpha chapter at the Univer-



Emeritus, R. C. "Red" Matthews. The 58th Convention marks the 50th consecutive Convention attended by Mr. Matthews.

The Convention program consisted of four business meetings, a specially arranged panel discussion of interest, chapter discussion sessions, and banquet and luncheon programs featuring prominent engineers as speakers. Also on the program was a visit to McDonnell Aircraft Corporation in St. Louis prior to the start of the Convention.

Dr. Dudley Thompson, chairman of the chemistry and chemical engineering departments of the host institution, served as toastmaster for all meal functions. At the welcoming dinner on the evening of October 16, Dr. Merl Baker, Dean of the Missouri School of Mines and Metallurgy, and James M. McHugh, president of Missouri Beta, graciously welcomed the Convention on behalf of the host institution and the host chapter. Dr. Donald S. Clark, President of Tau Beta Pi, responded to their welcome on behalf of Tau Beta Pi. Dean Don A. Fischer, dean of engineering at Washington University in St. Louis, spoke on the subject of "Engineers and the American Patent System" at the Convention's October 17 luncheon meet-

sity of Washington and a former Tau Beta Pi graduate fellow, presented an informative and inspirational address entitled "Preparing Yourself for the Space Age."

A major event of the Convention was the formal initiation ceremony on October 18. It was conducted by a team of national officers of Tau Beta Pi under the leadership of Herbert F. McGaffey, Master of Rituals for the Association. A member of the team was Secretary-Treasurer Emeritus R. C. Matthews who retired in 1947 but who continues to take great interest in the organization.

To be eligible for active membership, a student must rank in the upper one-fifth of his senior class or the upper one-eighth of his junior class as well as being of outstanding character. Those initiated were: Jerry L. Arnold, Carl G. Ashley, Thomas E. Austin, Edwin J. Bannister, Maurice E. Brubaker, Carus V. Clarke, Larry G. Cline, Larry Cooper, Harry L. Creech, Joseph V. Cusumano, Jerry L. Davis, Paul A. Dudenhofer, Thomas H. Dunning, Jr., Bernard C. Abert, Jr., James F. Felch, James R. Files, Stephen F. Ganz, Gene E. Gassner, Thomas K. Gaylord, Maurice E. Green, Chester P. Gunn, Charles R. Harrison, Jack L.

Haygood, Elmer C. Hoepker, Thomas A. Hrastich, John R. Hudelson, Kenneth W. Irwin, Ervin D. Lofftus, John E. Lundy, Robert P. Madding, Arthur O. Martel, Edgar L. Moodie, Stanley P. Moon, Donald J. Morrison, Robert L. Newsom, Elwood B. Nichols, Arthur L. Nickless, Harry W. Padgett, Jr., James M. Pappas, Melvin L. Picker, Ronald R. Pierce, Robert L. Ricketts, Jorge M. Rodriguez, Daniel E. Sagramoso, Donald R. Schoonover, James E. Shelby, Jr., Michael F. Simmons, Donald E. Spirk, Robert H. Steffen, William E. Steinkamp, James W. Terry, Edward L. Tharp, Ronald W. Umphrey, Phillip D. Walthall, Philip L. White, William R. Wilson, and Victor C. Wong.

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Dr. Bosch Appointed MSM Graduate Director

According to word received from Dr. Merl Baker, Dean of the School of Mines and Metallurgy at Rolla, Missouri, the Board of Curators, upon the recommendation of Dr. Elmer Ellis, President of the University of Missouri, has appointed Dr. Wouter Bosch to the position of Graduate Director, University of Missouri, Rolla Campus.

In his new position Dr. Bosch will administer all graduate programs that lead to Master's and Ph.D. degrees at Rolla, and all graduate policies in cooperation with Dr. Henry E. Bent, Dean of the Graduate School, Columbia, Missouri. He will be assisted by a Graduate Advisory Committee, which has been appointed by Dean Baker. Dr. Bosch will also strive towards increased graduate enrollments by working closely with the University of Missouri System, other institutions of higher education and industry. He is a member of the Graduate Policy and Coordination Committee of the University System.

Dr. Bosch joined the faculty at Rolla as Professor of Paint Chemistry in 1958 and has expanded the tuition into the field of Polymer Chemistry. In addition to his duties as Graduate Director he will continue to teach the courses and conduct research in the above fields. Since 1949 he has finished fifty-five Master's Theses on organic coating and other polymers. Dr. Bosch is well known for the Paint & Polymer Short courses that he initiated at North Dakota State University in 1948 while he was chairman of the Department

of Paints, Varnishes and Larquers. He has continued these courses at Rolla and last June and July two hundred and twenty-five students came from forty-one states and five foreign countries to attend these extra-curricular activities in which twenty-five guest lecturers from as many industries participated. A similar series of five short courses has been scheduled for the summer of 1964.

PRs Invited To Participate In Mardi Gras

Under the able leadership of Floyd Gonzalez the Pershing Rifles are planning another big year. The Company's new 75 mm pack howitzer lent much to the festivities of the Parents Day football game, and should be even more effective when we obtain more blanks.

This year Company K has 26 pledges. They are all avidly looking forward to the Annual Pledge Outing to be held November 23 at Fort Leonard Wood. In the past few years, Company K has had aerial, armor, and artillery support in the battles that were waged during the day and night. Everyone had at least 6 clips of blank M-1 ammunition, and an ample supply of flour hand grenades. Land mines with flour sacks over them and two 30-calibre machine guns, with blank adapters, added realism to the outing. With the additional facilities that Fort Leonard Wood has to offer, the members of Company K are looking forward to the best Pledge Outing in the Company's history.

The drill team was anxiously anticipating the University of Illinois Invitational Drill Meet to be held next spring. Since it will be held during St. Pat's, the Company unanimously voted to decline the invitation. The Pershing Rifles are beginning preparations for the P/R Regimental Assembly, to be held the first weekend in May. Company K has won this drill meet for the last 3 years, and are hoping to be the first company to win the new Roving Trophy.

The highlight of this year's activities is the Mardi Gras Festival in New Orleans. This is the first time Company K has been invited to participate in the Mardi Gras Festival. Company K has been invited to participate in the Festival from January 31 - February 2. Company K held a Work Day October 26 to help with the expenses we will incur during those 3 festive days. The competition is exceptionally keen to fill the 9 remaining position on the 26-man drill team that will go to New Orleans.

Haag Heads List As ROTC Officers Are Appointed

W. O. Haag has been appointed Brigade Commander for the first semester MSM ROTC program. This position holds the rank of colonel. Group Commanders are Lieutenant Colonels W. A. Crede and R. M. Sommerkamp. Brigade Executive Officer is Lieutenant Colonel W. P. Falke.

The First Group is composed of four battalions. Battalion Commanders are: First Battalion, W. H. Brannum; Second Battalion, L. W. Roth; Third Battalion, G. A. Lohmann; Fourth Battalion, F. A. Gonzales.

The Second Group is also composed of four Battalions. Commanders are: Fifth Battalion, C. P. Wagner; Sixth Battalion, G. G. Sutherland; Seventh Battalion, E. K. Fox; Eighth Battalion, K. J. Schwieger.

Members of the Brigade Commander's staff, besides the Brigade Executive Officer, include Majors R. P. Laird, G. D. Schellman, and A. S. Harper; O. K. Conley is Student Director of MSM's ROTC Band.

Both Groups contain a total of nineteen companies. The band is a separate organization whose members are drawn from the ROTC program and the student body in general.

Colonel Glenn R. Taylor has charge of the Military Department at MSM.

Dave Blume: September's Man of the Month

Each month throughout the school year Blue Key Honor Fraternity designates an outstanding campus figure as Blue Key Man-of-the-Month. The recipient for the month of September is Dave Blume, Editor-in-Chief of the "Missouri Miner."

Dave came to MSM in the fall of 1960, and is now a senior in metallurgical engineering. He hails from Jefferson City where he attended Helias High School.

Working on the "Miner" staff since entering MSM, Dave has held the positions of Copy Editor and Layout Editor on the Miner Board before becoming Editor-in-Chief last May. His present office is recognized as being one of the biggest individual jobs on the campus. Dave has been a very active member of Phi Kappa Theta Fraternity where he has held the office of Sergeant-at-Arms and been a member of the Executive Council. He has also been Historian of Alpha Phi Omega, a member of the Newman Club, and a member of the Rollamo Staff. To keep abreast of his engineering major, Dave is a member of the American Society of Metals, American Foundrymen's Society, AIME, and the Nuclear Engineering Society. He is also presently pledging Theta Tau Professional Engineering Fraternity.

F. L. Grismore To Be Speaker At IEEE Meeting

Mr. F. L. Grismore of the Advanced Electronic Development Department of the IBM Space Guidance Center in Owego, New York, will be the guest speaker at the November sixth meeting of the MSM Student Chapter of the IEEE. The meeting will be held at seven o'clock p. m. in room G-6 of the Chemical Engineering Building. Mr. Grismore's speech is entitled "The Development of Digital Computers for Space Applications." In addition, a talk on "Properties of Uniaxial Thin Magnetic Films and their Applications in Digital Computers" will be presented by Mr. Grismore before the Graduate Seminar Class on Thursday, November 7, in room 101 of the Electrical Engineering Building.

Mr. Grismore received his B.S. degree in Electrical Engineering from Ohio Northern University in Ada, Ohio, in 1958, and received his M.S. degree in Electrical Engineering from MSM in 1961. He was a member of the Electrical Engineering Department Faculty at MSM from 1958 to 1962, and has been employed by IBM since leaving MSM.

ENGINEERS' DAY

(Continued From Page 1)

Union and supplementary College counseling services will be offered from 8 a. m. until 3 p. m. by the faculty in the Student Union Ballroom.

Each respective department will have on display exhibits pertaining to their field of study for the benefit and interest of the tourists. After being a member of a tour, people interested in specific exhibits are cordially invited to return to the department and exhibits that hold an interest for them.

The recapitulation of the buildings and the department that will be stationed in the Campus structures are as follows:

1. Fulton Hall
 - a. Metallurgical Engineering
 - b. Ceramic Engineering
 - c. Nuclear Engineering
2. Norwood Hall
 - a. Geology
- b. Geological Engineering
3. Chemical Engineering Building
 - a. Chemical Engineering
 - b. Chemistry
4. Civil Engineering Building
 - a. Civil Engineering
5. Electrical Engineering Building
 - a. Electrical Engineering
6. Mechanical Engineering Building
 - a. Mechanical Engineering
7. Mining Building
 - a. Mining Engineering
 - b. Petroleum Engineering
 - c. Engineering Graphics
8. Old Metallurgy Building
 - a. Applied Mechanics
9. Military Building
 - a. R.O.T.C.
10. Gymnasium
 - a. Athletic Department
11. Harris Hall
 - a. Applied Mathematics
 - b. Computer Center
12. Nuclear Reactor
13. Physics

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MINER SPORTS

FRIDAY, NOVEMBER 1, 1963

THE MISSOURI MINER

PAGE 11

Miners Secure First-Half Win; Upset by Maryville Rally, 22-14

Although a slight favorite to win last Saturday, the Missouri Miners were treated to a 22-14 setback before a capacity Maryville Homecoming crowd.

After leading for three-fourths of the closely fought contest, the Miners were caught from behind in the final quarter. With the score 14-7, Maryville's luck changed on a 48 yard touchdown from Papas to Peterson. The Bearcats ran for the extra point and it was good for two. Then in a last minute desperation attempt for a

touchdown, a Miner pass was intercepted by Fultz on the MSM 10 yard line. Irwon scored that final touchdown.

The Silver and Gold out-played Maryville in the entire first half, and the totals for the game show that the Miners had definite advantage. First down totals show MSM over Maryville 19-9. The Miners totaled 209 yards as compared to the Bearcats 103. In passing, the Miners totaled 156 yards, a good deal more than their opponent's 113.

The offensive and defensive lines of Coach Bullman's squad played a good game, in fact one of their best this season. The offensive line consist mainly of Bailey and Smith, tackles, Keiser and Bacich, guards, Riggs, center, and Wargo, Welsh, and Mullen as ends. These men played most of the game, however when they needed rest, a fine relief line of Sukow, Leone, Ombalski, Fix and Lutzenberger went into action.

The Miners' first touchdown came as a result of a 42 yard run by Bob Erxleben. A long run by George Gasparovic set up the second, which was scored by Gary Couse. Bob Wheeler was quarterback on both of those tallies.

Breaks for both teams were just about even, but the hot weather and strong opposition once again tired the Miners before the game's end. The loss set the Silver and Gold season record at one win and six losses, with only two games remaining to be played. Both MSM and Maryville have 1-2 records for MIAA play, and both have 2 conference duels left to fight. Maryville's overall record is 3 wins, 3 losses, and 1 tied.

SIDELINES

By Bruce T. Gregg

This Homecoming, the MSM football squad will pit its strength against the undefeated Springfield Bears. Although the outcome of this event is generally felt to favor our opponents, the Miners will be in there, giving them a run for their money. Remember that it wasn't just too long ago when the MSM team was picked as the underdogs, but due to the Miner's superior playing, we overpowered Cape in every endeavor. Thus it just might happen that in the midst of the Homecoming crowd, with a good deal of spirit thrown in by the student body and alumni, the Missouri Miners just might come through with an upset. One thing for sure, it would certainly shake a lot of people up and what could be better, this being Homecoming and all.

The fact that the Bears have remained undefeated this year seems to stick in everybody's mind but the MSM line up offers a challenge. Yes, a challenge. We might not come out as victors but Springfield will know they've been in a ball game. With MSM in back of their Missouri Miners, our team will play their best and it has been proven in the past that their best is pretty good.

Therefore let's see a full crowd out there this Saturday and let's let the Bears know who they're playing.

Texas Still Number One; Missouri Back in Top 20

And the shuffling of the top college teams in the nation for 1963 continues as some of them climb the national ladder and others take the skid.

Pitt took the biggest slide, falling from 7th almost off the list entirely—to 20th. Oregon, Mississippi State, Notre Dame, and Florida all dropped out of sight, with "oldcomers" moving back in - Michigan State to 15th, Memphis State to 18th, and Missouri to 19th.

Syracuse moved into the runner-up spot following a very convincing win over once-beaten Oregon State, while Louisiana State made the biggest scoot - jumping all the way from the no. 14 spot to Number 3. And Wisconsin and Northwestern dropped from 2nd and 5th to 10th and 16th respectively.

So - still residing in the throne room as the Number One team in college football is King Texas. S. M. U. is the opposition this week, and the Mustangs with two upsets to their credit would get their greatest delight in upset no. 3. However, the Longhorns will win by 19 points, stay undefeated, and remain in the throne room!

Mississippi, ranked 4th, and L.S.U., no. 3, provide one of the finest contests in the nation each fall. This head-knocker will be no exception with the Tigers winning a real screecher, whipping the

Rebels by a single point.

Two other close ones in the Southeastern Conference find 6th-rated Alabama a slim 6-point favorite over Mississippi state, and Auburn, no. 11, just 2 points better than Florida.

Last week's forecasting results: 119 right, 41 wrong, and 6 ties. The 1963 season's average - with just (this is all) four full Saturdays left - is .758. The totals are 799 winners and 255 losers.

This year's surprise team - Illinois - was almost surprised by U.C.L.A. last week. As a result, they've dropped to the number 8 spot in the ratings - and as a re-

(Continued on Page 12)

Miners Vs. Unbeaten Bears In Homecoming Battle

For the second straight week, the Miners played before record-breaking homecoming crowds. Practice is now underway for the contest against Springfield, which will be fought Saturday as one of the highlights of the Missouri School of Mines Homecoming celebration.

Springfield will be going into this contest with an undefeated record of six wins. These include three MIAA conference games. The Bears beat Warrensburg 59-0 in a contest this past week, and have registered victories over Maryville (47-0), and Cape Girardeau (26-16). They also beat Emporia State 14-0, Pittsburg, Kansas, 21-0, and Drake University 13-6.

Top scorers for the Bears are Perry and Willard. At the last report received, Perry was leading conference scorers, and Willard was in third place.

With only two games remaining in this waning 1963 football season, hopes are high that the

Intramural Basketball Play To Begin November 11

By Dexter Hawk

The Director of Intramural Sports has announced the basketball leagues, and the times when Jackling Gym will be open for practice. Entries are due November 7 and the first game will be played on November 11. Each organization will have use of the gym for practice one hour each week. The times for practice are:

Monday, November 4, Army Assn. at 6:30, then the floor open to anyone,

Tuesday, November 5, 6:30 Sigma Pi, Sigma Phi Epsilon. 7:30 Sigma Nu, Delta Sigma Phi. 8:30—Engineers Club, Shamrock Club. 9:30—Prospectors Club, Tech Club.

Wednesday, November 6, 6:30 Theta Xi, Acacia 7:30 Beta Sigma Psi. Baptist Student Union. 8:30 MHRA, Tau Kappa Epsilon. 9:30 Kappa Sigma, Pi Kappa Alpha.

Thursday, November 7, 6:30 Wesley, Kappa Alpha. 7:30 Fifty-Niners Club, Theta Chi. 8:30 Phi Kappa Theta, Lambda Chi Alpha. 9:30 Sigma Tau Gamma, Triangle.

There are twenty-five teams divided into four leagues. The leagues are:

League I—Tech Club, Pi Kappa Alpha, Kappa Sigma, MRHA, Shamrock, Theta Chi, and Army Association.

League II—Lambda Chi Alpha, Sigma Nu, Beta Sigma Psi, Kappa Alpha, Acacia, and Theta Xi.

League III—Phi Kappa Theta, Sigma Phi Epsilon, Tau Kappa Epsilon, Prospectors Club and Fifty-Niners Club.

League IV—Engineers Club, Triangle, Sigma Pi, Baptist Student Union, Delta Sigma Phi, and Wesley.

The Basketball leagues play in round robin fashion, then the winners of the respective leagues play for the points and trophies.

Pittsburg Falls As Miner Rifles Take Second Win

The ROTC sponsored MSM Varsity Rifle Team came through with another victory Saturday, edging by the Kansas State College of Pittsburg Rifle Team with a score of 1414 to 1409 in a 3-position, shoulder-to-shoulder match here.

This makes the 2nd straight victory for the Miners. Robert Hall and team Captain Lloyd Bingham were again the "big guns" for the squad with scores of 288 and 285 respectively out of a maximum possible score of 300. Jim O'Neal came through with some fine clutch shooting by firing a score of 283. Carl Steib and Randy McDonough each fired 279.

The Missouri Miner squad fielded a 15 man team, the Kansas Team seven. Seven Miners were picked prior to the match to fire in competition, with the five highest scores counting. The balance of the Miner squad fired both for practice and experience in shoulder-to-shoulder competition. Mike Holkenbrink came through in this second line-up with a 281 and Dick Elliott with 278.

This Friday a 4-man squad will travel to Washington University in St. Louis to compete in the Mississippi Valley Invitational Matches. This is an annual affair where some top teams in the country.

(Continued on Page 12)

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MEET THE MINERS

By Dan Kasper

A great bulk of the running duties for the 1963 Miner's football squad has fallen on the shoulders of fleet halfback George Gasparovic.

The sophomore speedster already has a 95 yard kick-off return (against Pittsburg) and several other fine returns to his credit. Besides piling up yardage off kick returns, Gasparovic

leads the Miners in rushing and is one of the leading pass receivers.

Despite the team's mediocre record to date, Gasparovic—who comes from Mehlville, Missouri,—has impressed rival coaches with his combination of hard but elusive running and his break-away speed. This speed plus the power provided by fullback Gary Couse give the Miners a potentially explosive backfield.

Full Colonel Commission Goes to Professor Nau

The Department of the Army has promoted Professor Robert H. Nau to full colonel, that is, to "Bird" Colonel because his new insignia of rank is Silver Eagles.

This distinctive honor which has been a life-long ambition of Colonel Nau is a reward for his thirty-five years of diligent work. His first military duty was one month's training in August 1928 with two high school friends at Fort Des Moines, Iowa, in the Citizens Military Training Corps. At Iowa State College Colonel Nau was a member of the ROTC, and during his senior year in college he was Cadet Captain in the Field Artillery. He received his Second Lieutenant's commission in June 1935 at the time of graduation. Since that time Colonel Nau has been called to active duty training almost every summer. This duty has taken him to opposite corners of the U.S., from the Pentagon in Washington, D. C., to the Presidio in San Francisco, and includes many of the leading military posts and schools.

During World War II, Colonel Nau served in the Office of the Chief Signal Officer in the Pentagon and at the Signal Corps School at Ft. Monmouth, New Jersey. After graduation from the Command and General Staff School at Ft. Leavenworth with the 18th General Staff Class, and also the Advanced Signal Corps Officer's Course at Ft. Monmouth, he went to the China-Burma-India Theater to act as Liaison Officer to the Chinese. He was in charge of a Signal School for the 94th Chinese Army, which took over Kweilin and Shanghai, Colonel Nau went to Formosa with the 72nd Chinese Army. While in Formosa, he was promoted from Captain to Major.

Since World War II Colonel Nau has taken an active part in the Reserves. He says that his work in the Reserve has not only permitted him to fulfill a citizen's patriotic duty, but also has been a rewarding personal experience.

In civilian life Colonel Nau is Professor of Electrical Engineering at MSM. He has written four books. Two of his textbooks are used in a number of colleges across the nation, and were published by the Ronald Press Company—Basic Electrical Engineering in 1958, and Alternating Currents and Network Analysis in 1962. Both of these texts have complete answer books.

Colonel Nau has written more than forty published technical articles. Recently, a series of his articles appeared in the August and October 1963 issues of Electronic Products Magazine. These articles treated the theory, design, and experimental data on an "Artificial Law-Frequency Transmission Line" simulated by RLC components.

Previous to World War II, Colonel Nau was Design and Development Engineer for Westinghouse Electric Corp., at East Pittsburgh, Pa., where he developed the renowned Type DH Circuit Breakers. He holds five basic patents on high-power air circuit breakers and associated arc interrupting devices.

Colonel Nau is a Senior Member of the Institute of Electrical and Electronic Engineers. He is also a member of the AAUP, AS-EE, MSPE, NSPE, the Shrine and other technical and fraternal societies. He is a member of numerous honorary societies, including Sigma Xi, Phi Kappa Phi, Tau Beta Pi, Eta Kappa Nu, Sigma Tau, Pi Mu Epsilon, and Kappa Mu Epsilon.

"TEXAS NUMBER ONE"

(Continued From Page 11)

sult, we've decided to take another flier against the power quotients. The Boilermakers of Purdue are going to upset the Illini by a point.

Syracuse's position as Number Two boy is real shaky as power quotients in that rare fied atmosphere are just tenths of a point apart. To stay there, the Orangemen will have to whip Pittsburg by 15 points or better.

Quickies: 5th-ranked Southern Cal will win over tough Washington by eleven; 7th-rated Oklahoma is favored by 23 over Colorado; and Air Force will bump Army by one.

Marines Interview for Undergraduates

Captain John M. Lilla, Marine Corps Officer Selection Officer, visited our campus on the 22nd, 23rd, and 24th of October, 1963,

for the purpose of interviewing students interested in obtaining commissions in the U.S. Marine Corps upon graduation.

The Marine Corps offers the platoon leaders class and platoon leaders class (aviation) for college undergraduates who have had and are maintaining a "C" average.

Members attend two six-week summer training periods at Marine Corps schools, Quantico, Virginia between academic years,

have no on campus training, and are commissioned upon graduation as either aviators or ground officers. Aviation officers have 4½ years and ground officers 4 years of active duty obligation after being commissioned. The program allows students to complete college, and gives the student who enrolls early in his college career the advantage of receiving more pay when commissioned.

The Harmon Football Forecast

TOP 20 TEAMS

(based on power quotient ratings, not on games won and lost)

1 - TEXAS	6 - ALABAMA	11 - AUBURN	16 - NORTHWESTERN
2 - SYRACUSE	7 - OKLAHOMA	12 - NEBRASKA	17 - GEORGIA TECH
3 - L. S. U.	8 - ILLINOIS	13 - NAVY	18 - MEMPHIS STATE
4 - MISSISSIPPI	9 - OHIO STATE	14 - BAYLOR	19 - MISSOURI
5 - SOUTHERN CAL.	10 - WISCONSIN	15 - MICH. STATE	20 - PITTSBURGH

Friday, November 1

Central Oklahoma . . . 29	SE Oklahoma . . . 13
Emporia College . . . 59	Friends, Kansas . . . 8
Los Angeles State . . . 31	Coast Guard . . . 0
West Chester State . . . 30	Mansfield . . . 0

Saturday, Nov. 2 — Major Colleges

Air Force . . . 15	Army . . . 14
Alabama . . . 20	Mississippi State . . . 14
Arizona State . . . 25	Utah . . . 20
Arkansas . . . 22	Texas A & M . . . 0
Auburn . . . 10	Florida . . . 8
Baylor . . . 17	T. C. U. . . 15
Boston College . . . 21	Vanderbilt . . . 13
Boston U. . . 13	Rutgers . . . 6
Bowling Green . . . 19	Miami, Ohio . . . 10
Cincinnati . . . 24	Dayton . . . 6
Clemson . . . 38	Wake Forest . . . 0
Colgate . . . 24	Lehigh . . . 13
Columbia . . . 16	Yale . . . 14
Dartmouth . . . 19	Yale . . . 14
Delaware . . . 22	Buffalo . . . 14
East Carolina . . . 17	The Citadel . . . 7
Florida State . . . 19	Furman . . . 0
Georgia . . . 22	Duke . . . 8
Georgia Tech . . . 30	McMurry . . . 13
Hardin-Simmons . . . 19	Pennsylvania . . . 0
Harvard . . . 21	Villanova . . . 14
Holy Cross . . . 15	Detroit . . . 0
Houston . . . 19	Abilene Christian . . . 14
Idaho . . . 19	Oklahoma State . . . 0
Iowa State . . . 24	Kansas State . . . 0
Kansas . . . 24	Mississippi . . . 7
L. S. U. . . 8	Louisville . . . 0
Memphis State . . . 37	Kentucky . . . 14
Miami, Florida . . . 15	Indiana . . . 6
Minnesota . . . 23	Weber . . . 13
Montana . . . 23	Notre Dame . . . 18
Navy . . . 21	Missouri . . . 7
Nebraska . . . 14	Colorado State U. . . 7
New Mexico . . . 21	Virginia . . . 7
North Carolina State . . . 26	Abilene Christian . . . 10
North Texas . . . 16	Michigan . . . 10
Northwestern . . . 21	Iowa . . . 8
Ohio State . . . 14	Xavier . . . 19
Ohio U. . . 21	Colorado . . . 7
Oklahoma . . . 30	San Jose State . . . 0
Oregon . . . 25	Nebraska Wesleyan . . . 20
Oregon State . . . 17	NE Oklahoma . . . 14
Penn State . . . 20	Stanford . . . 13
Princeton . . . 31	Maryland . . . 7
Purdue . . . 14	Brown . . . 7
Rice . . . 21	Illinois . . . 13
Southern California . . . 21	Texas Tech . . . 9
Syracuse . . . 32	Pittsburg . . . 7
Texas . . . 26	S. M. U. . . 7
Toledo . . . 14	Kent State . . . 8
Tulane . . . 15	South Carolina . . . 14
Tulsa . . . 19	Southern Illinois . . . 15
U. C. L. A. . . 28	California . . . 20
Utah State . . . 28	Brigham Young . . . 13
V. M. I. . . 18	William & Mary . . . 0
V. P. I. . . 13	Richmond . . . 0
West Texas . . . 36	Trinity, Texas . . . 0
West Virginia . . . 25	George Washington . . . 13
Western Michigan . . . 18	Marshall . . . 12
Wichita . . . 18	New Mexico State . . . 14
Wisconsin . . . 17	Michigan State . . . 15
Wyoming . . . 23	Arizona . . . 14

FAR WEST (small colleges)

Adams State . . . 28	Colorado College . . . 6
Arizona State . . . 18	Cal Poly (Pomona) . . . 7
Colorado State . . . 19	New Mexico Highlands . . . 0
Colorado Western . . . 14	Colorado Mines . . . 0
Davis . . . 21	Santa Barbara . . . 15
Humboldt . . . 19	San Francisco . . . 14
Long Beach . . . 21	Cal Poly (S. L. O.) . . . 6
Montana State . . . 14	North Dakota U. . . 9
Occidental . . . 22	LaVerne . . . 0
Pomona . . . 29	Riverside . . . 0
Redlands . . . 16	Claremont . . . 14
Sacramento . . . 16	Nevada . . . 12
San Diego State . . . 14	Fresno State . . . 8
Santa Clara . . . 44	Cal Tech . . . 0
Southern Oregon . . . 20	Chico State . . . 19
Western New Mexico . . . 23	St. Mary . . . 0
Whittier . . . 34	San Fernando . . . 0

RIFLE SQUAD

(Continued From Page 11)

try come together to compare shooting ability and attempt to carry home top honors. With cool nerves and a steady hand, the Miners should be up there with the best.

NOTICE!

The Student Union Organization's committees are still accepting membership from the students. To apply for membership on a committee, a student must simply fill out a "Student Union Committee Petition for Membership." These applications are available at the Candy Counter and may be returned there when completed. All students who are interested in becoming a member of one of the committees are invited to fill out an application form.

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