



14 Oct 1960

The Missouri Miner, October 14, 1960

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MSM's 1960-61 Homecoming Festivities Start Today

COME HOME BOYS

MSM Alumni Planning Weekend Rendezvous

Alumni reunions of the following classes will be held as follows:

'15—(no response).
'20—Blackberry Patch—Highway 63
'25—Pine Room—Greyhound

Bus Depot
'30—Miller's Colonial Village Restaurant

'35—Miller's Colonial Village Restaurant

'40—Baxter's
'45—(no response)

'50—College Inn—Edwin Long Hotel

'55—Rolla 66 Motel and Cafe—Highway 63 east.

The St. Louis section will have open house at the Pennant Hotel. The time of these activities is at 12:15 p. m. Saturday, October 15.

Advance reservations for class luncheons indicates there will be a mass return of alumni to the campus.

Other highlights of the weekend will be the annual meeting of Alumni Association and Convocation in the Student Union Ballroom. Alumni banquet will be held in the Student Union Ballroom at 6:30 Saturday evening, October 15. The members of the Board of Alumni Association who will be on campus are Paul T. Downing, '40, association president, and vice-presidents R. O.

Kasten '43 and J. W. Stephens. Space will not permit to enumerate all alumni who have indicated their return, but you will see many familiar faces and many old acquaintances will be renewed on October 14 and 15 at MSM.

First Appearance Tomorrow

Miss Yetta Garland MSM 60-61 Pep Squad Captain

Charles McGrady, chairman of the Student Council Pep Rally Committee, announced today that the 1960-61 Pep Squad will make its first appearance of the season tomorrow at the Homecoming game with Maryville. The squad will consist of from four to six girls.

The acting captain of the Pep Squad for this first game will be Miss Yetta Garland, a freshman from House Springs, Mo. Miss Garland is in her first semester here, and is majoring in Chemistry. She is a 1960 graduate of Northwest High School at House Springs, and has three years of cheerleading experience to her credit. Miss Garland will be in charge of the squad at the rallies and games, and will be partially responsible for training the other girls and working out the routines to be used at the game. Miss Garland said that she believes the cheerleaders should be well rehearsed and as near perfect as possible, and that she plans to do her best to provide the Miners with a Pep Squad that they'll all be proud of.

Another wearer of the gold and burgundy for this season will be Miss Susan Peters, a freshman from Dixon, Mo. Miss Peters is in her first semester in the Civil Engineering Department. A 5' 7" brunette, she has had two years cheerleading experience at the Dixon High School, where she was a 1960 graduate. Miss Peters will assist Miss Garland in training the cheerleaders, and working

the routines. She feels that the cheering squad will certainly do its best to create the proper mood and atmosphere, but that they will need the voices and help of the Miners. Miss Peters indicated that she leads cheers merely for the joy of leading cheers, but that there is no joy if the crowd will not be led or will not cheer.

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MINER

The Missouri

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME 47

ROLLA, MO., FRIDAY, OCTOBER 14, 1960

NUMBER 5

Miner Mixer November 12

As you all know, November 12 is the date for the all school mixer. From all indications, the response from the various women's schools has been very good, so it looks as if Rolla will have a good supply of women for a change. However, being Miners, we would naturally like to see more. This weekend will be a good time to talk it up with your date and tell her to spread the news at her school.

Nine New Men Have Been Assigned to ROTC Dept.

Nine new members have been added to the Military Department since the close of the 1960 spring semester. The number of military personnel now assigned to the ROTC duty is 24. The annual change results from the Department of the Army policy of assigning officers for a period of 3 years. All officers who come to the Missouri School of Mines and Metallurgy will remain here for three years; and occasionally an officer is held over for one additional year.

Included among the new members of the detachment are:

Colonel Glenn R. Taylor, Department Chairman, is a native of Virginia and received the degree of Bachelor of Science in Civil Engineering from Virginia Military Institute in 1932.

Captain John H. Anderson, here from an assignment in Korea, was graduated from the University of Arkansas with the degree of Bachelor of Science in Geology in June 1950. He is a member of Sigma Pi and Sigma Gamma Epsilon. Captain and

Mrs. Anderson live at 33 Hawthorne Road.

Captain William A. Durham is a native of Georgia, and a graduate of The Citadel with a degree of Bachelor of Science in Civil Engineering. He comes to Missouri School of Mines and Metallurgy from an assignment in Germany. Captain and Mrs. Durham and their small son, Bill, live on Nagogami Road.

Captain James E. Kennedy, has just returned from duty in the State of Hawaii. He is a 1950 graduate of the University of California at Berkeley with the degree of Bachelor of Science in Mechanical Engineering, and a member of Phi Kappa Sigma. Captain Kennedy is an Army Aviator, a Ranger, he served as a platoon leader in the 3rd Division throughout the Korean War, and has also served in Japan. He and his wife and their two small sons will reside at 1012 East 9th Street as soon as the construction of their house is completed.

Captain Maurice L. Northcutt, is a native of Alabama, and graduate of Auburn with the degree of Bachelor of Science in Building Construction. He is a member of Lambda Chi Alpha. Captain and Mrs. Northcutt and their children Linda, 6, and Duane, 2, live at 28 Irene Lane.

Captain Perry D. Tripp is a junior, who reports to Missouri School of Mines and Metallurgy from duty in Germany. He is a native of South Carolina, and is a graduate of Clemson with the degree of Bachelor of Science in Civil Engineering. Captain and Mrs. Tripp and their children, (Continued on page 6)

Parent's Day Sat. October 29

Blue Key and Alpha Phi Omega will maintain an information booth on Parents' Day, Saturday, October 29. Located in front of Parker Hall, this service will assist parents and visitors to locate their sons. Students are reminded that they are expected to escort their parents around the campus. Departments will provide guide service through their respective buildings.

Duke Ellington Here Thurs. Nite



Duke Ellington and Co. entertained the Miners last Thursday. This was the first Gen. Lecture of the year.

1960 Homecoming Program

FRIDAY, OCTOBER 14

MORNING

9:00 a. m. Registration—Ballroom, Student Union
9:00 a. m. Guided Tour of Campus and New Buildings
10:30 a. m. Open Meeting for All Alumni—Ballroom, Student Union

AFTERNOON

1:30 p. m. Annual Meeting of the Board of Directors—MSM Alumni Association—Room 107, Mining Building
1:30 p. m. Guided Tour of Campus and New Buildings

EVENING

7:00 p. m. Kick-off—Welcoming Buffet Dinner—Alumni and Guests—College Inn, Hotel Edwin Long

SATURDAY, OCTOBER 15

MORNING

9:00 a. m. Registration—Ballroom, Student Union
10:30 a. m. Annual Meeting of the MSM Alumni Association and Convocation—Ballroom, Student Union. Mrs. Amy McNutt, guest speaker

AFTERNOON

12:15 p. m. Class Reunion Luncheons—Classes of 1915 - 1920 - 1925 - 1930 - 1935 - 1940 - 1945 - 1950 - 1955* St. Louis Section's Open House
2:00 p. m. Football Game—Miners vs. Maryville Bearcats

EVENING

6:30 p. m. Annual Alumni Banquet—Ballroom, Student Union
9:00 p. m. Reception—College Inn, Hotel Edwin Long
9:00 p. m. Homecoming Dance—Ballroom, Student Union

NOTICE

The first meeting of the MSM chapter of Sigma Xi will be held next Friday, October 21, in room 107 of the Mining building. A talk will be given by Dr. Hughes M. Zenor.

Student Union Hop 9 to 12

The day that Miners have been looking forward to has finally arrived, tonight from 9-12 p. m., the Student Union sponsored "Sock Hop" will be in full swing.

The musical entertainment will be provided by the Joe Buckner Orchestra. The special event of the evening will be the awarding of two prizes; one for the loudest pair of socks and the other prize for the most original pair of socks. So Miners get with it. Let's see some real wild socks. Come one, come all, stag or drag, for a night full of music and fun. And don't forget, FREE admission. Let's make this a very memorable Homecoming Weekend.



The Issue-How Big

POLITICAL CAMPAIGN

2nd of Classic Debates Ends With Even Tally

Last week's debate was great. It provided a clash of personalities and policies and established a tone that should be carried through the coming session on October 21. More detailed comments on last night's debate and that of a week ago will be made in the coming issues of the Miner. — Score for round two — even draw.

Religious Affiliation

With the question of Senator Kennedy's Roman Catholic faith being raised in opposition to his quest of the presidency of the United States, the rest of this column will deal pointedly with the so-called political-religious prejudices that exist in this country—a nation founded upon ideals of religious freedom and the God-given individual dignity of man.

This writer, inspired by Senator Kennedy's answer to a group of Texas ministers, wishes to go on record regarding this issue as follows: If anyone in this country has the boldness and 'guts' to tell me that I can never be president of the U. S. because of my affiliation with the Catholic Church, then I would like for that same person to also tell me Catholic citizens (23.2 per cent of the population) that:

- 1) I don't have to bother about the military service obligation that is presently posing a problem to my future educational plans;
- 2) I don't have to pay taxes to any level of government;
- 3) I am not really a citizen in the U. S.—just a peon who doesn't have equal rights with the rest of the religious sects in the country.

Under these conditions, and only these conditions, will I accept the concept that I cannot be president of the U. S. because of my religion.

Church and State

In a comprehensive discussion of the religion of any candidate running for any elected office at any level of federal or local government, the following question should be asked of and answered by the candidate, regardless of religious affiliation, since, if elected, he will represent the entire electorate and not just his own religious sect. The question might well be phrased, "If elected, will the candidate serve all of the peo-

ple justly and equally without influence from any ecclesiastical source, and will he maintain the constitutional separation of Church and State?"

Quotes

HOW HAS SENATOR KENNEDY ANSWERED THIS QUESTION, AND ARE HIS ANSWERS SUFFICIENT? The following set of quotations from Kennedy and a representative of the Catholic Church should make clear both Kennedy's ideas and those of the church.

On September 13, 1960, Senator Kennedy said: "I believe in an America where the separation of Church and State is absolute . . . I believe in an America that is officially neither Catholic, Protestant, nor Jewish." Archbishop John T. McNichols (a high Catholic prelate) said on January 25, 1948: "We deny absolutely and without qualification that the Catholic Bishops of the U. S. are seeking a union of Church and State—Catholics must uphold the constitution and all its amendments, recognizing the moral obligation imposed upon all Catholics to observe and defend the constitution and its amendments." Kennedy said again on July 15, 1960: "My record of 14 years supporting education—supporting complete separation of Church and State—should be clear to everyone." Sept. 13, 1960, he

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THE MISSOURI MINER
MISSOURI SCHOOL OF MINES AND METALLURGY



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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Reasons Given for Changing Textbooks

On this campus during the past month a much-sounded complaint among students has been the high price of textbooks. Running a close second is the other complaint of being unable to sell the text used last semester.

The reason behind this changing of texts by instructors is not, contrary to popular belief, for the book store to show a greater profit (we are convinced it does this anyway), but for the course itself to be improved, either by being brought up to date or to make it easier to present to the student.

The rate at which advances are being made today in the fields of science and technology is so fast that most textbooks are out of date before they are published and available to the student. So it is quite easy to see that after a period of three or four years an average book would become so badly out of date that a change is mandatory.

The second reason a text is sometimes changed is to give a better presentation of the material to the student. One professor felt that in his department ninety per cent of the principles learned by the students comes from the text. If this is true, a student who complains about buying a new text is, excuse the expression, penny-wise and dollar-foolish. It is costing more than

\$1,000 a year to go to college, and the average price of a text book is not even one per cent of this amount. If ninety per cent of the things learned is received from one per cent of the total costs, it is quite a bargain.

"But," as one professor says, "a complaint is certainly in order when expensive books are changed too often without good reason."

If a careful choice of a better book is going to give me a better education, I want that book—the best text available. I want my money's worth.

AIEE-IRE

The AIEE-IRE had their first meeting of the school year and were addressed by a representative of the Bell Telephone Company, Mr. L. J. Eschbacher. The next presentation of the organization will be a talk given by Mr. Harold Gove of the Union Electric Company. This program will be presented to the Engineers Club in St. Louis.

There will be a joint banquet of the AIEE members from MSM, Washington U., St. Louis U., and Missouri U., held in the Pine Room here in Rolla. It will be held on Oct. 21, make plans to attend.

MATH GUNS:

Math Society Finishes By-Laws

At the business meeting Robert Thurman, President of MSM Mathematical Society, announced that the By-laws of the Society had been sent to the Student Council for approval. The minimum requirements for election into membership were discussed and set to be as follows:

a. Regular student in good standing at MSM; b. be enrolled in, or having successfully completed, at least one course on the Senior-Graduate level in mathematics; c. 3.00 grade-point average in mathematics; and d. 2.3 grade-point average overall. Those who feel they fulfill these requirements and would like to become members are encouraged to contact Robert Thurman, Albert Bolton, or Dr. C. A. Johnson, the faculty advisor. The election of new members will be held in the latter part of October.



This is the B-52. Advanced as it may be, this airplane has one thing in common with the first war-galleys of ancient Egypt...and with the air and space vehicles of the future. Someone must chart its course. Someone must navigate it.

For certain young men this presents a career of real executive opportunity. Here, perhaps you will have the chance to master a profession full of meaning, excitement and rewards...as a Navigator in the U. S. Air Force.

To qualify for Navigator training as an Aviation Cadet you must be an American citizen between 19 and 26½—single, healthy and intelligent. A high school diploma is required, but some college is highly desirable. Successful completion of the training program leads to a commission as a Second Lieutenant...and your Navigator wings.

If you think you have what it takes to measure up to the Aviation Cadet Program for Navigator training, see your local Air Force Recruiter. Or clip and mail this coupon.

There's a place for tomorrow's leaders on the Aerospace Team.

U.S. Air Force

MAIL THIS COUPON TODAY
AVIATION CADET INFORMATION
DEPT. SCE-010
BOX 7608, WASHINGTON 4, D. C.

I am between 19 and 26½, a citizen of the U. S. and a high school graduate with _____ years of college. Please send me detailed information on the Aviation Cadet program.

NAME _____
STREET _____
CITY _____
COUNTY _____ STATE _____

Engineers and scientists who will achieve Bachelor of Science or higher degrees by January or June of 1961 are invited to **ON CAMPUS INTERVIEWS** with an engineering representative of the **DOUGLAS AIRCRAFT COMPANY** on

Wednesday, October 19

America's most exciting space and defense projects, including SATURN, SKYBOLT and MISSILEER—and others of like importance—have created outstanding long range opportunities at Douglas in the following fields:

Electrical	Welding
Electronics	Engineering Mechanics
Mechanical	Physics
Chemical	Mathematics
Aeronautical	Astronomy
Metallurgical	Astro-Physics

Openings exist at Douglas locations in Santa Monica and El Segundo, California and Charlotte, North Carolina.

If you are a U. S. citizen who will earn a qualifying degree, please contact your placement office for an appointment. If unable to do so, write to Mr. C. C. LaVene,

DOUGLAS AIRCRAFT COMPANY, INC.
3000 Ocean Park Blvd., Santa Monica, California

Campaign

(Continued from Page 2)

said: "I believe in an America where no Catholic prelate would tell the President (should he be Catholic) how to act and no Protestant minister would tell his parishioners how to vote . . . where no public official either requests nor accepts instructions on public policy from the Pope, the National Council of Churches, or any other ecclesiastical source."

Senator Kennedy has reiterated these ideas in the following statements: "My answer to the question 'would I be responsible to ecclesiastical pressures or obligations?' was and is 'NO'! 'I am telling you now what you are entitled to know: that my decision on every public policy will be my own, as an American, a Democrat, and a free man.'"

Yet, some citizens have distributed slanderous and libelous statements about the Catholic faith and its aims in this country. It is these people who should be questioned about their allegiance to the constitution, the American way of life, and separation of the

affairs of church and state. To cite only one of the many instances, we will use the oath of the Knight of Columbus, a one-million member fraternal order of Catholic men of which Kennedy is a member. A distorted version of this oath distributed through the South reads in part: "I do further promise and declare that I will, when opportunity presents, wage relentless war, secretly and openly, against all heretics, Protestants and Masons." The actual oath reads: "I swear to support the Constitution of the United States. I pledge myself, as a Catholic citizen and a Knight of Columbus, fully to enlighten myself upon my duties as a citizen and conscientiously perform them entirely in the interest of my country regardless of personal consequences. I pledge myself to do all in my power to preserve the integrity and purity of the ballot and to promote respect for law and order."

Many thousands of words concerning the issue of religion are on the keys of the typewriter these days. The length of this article will prohibit any further investigation of the charges and

countercharges that are being made between the different factions and countercharges

A closed mouth gathers no feet.

A Miner read that Elvis Presley'll make a million dollars in the next year, and says, "Isn't it great what the GI Bill has done for ex-servicemen?"

Father (sternly): "I had a note from your teacher, Miss Jones, today."

Son (airily): "O. K. dad—don't worry. I won't tell any one."

UPTOWN THEATRE

MOVIES IN CINEMASCOPE

Thursday through Tuesday,
Oct. 13-18

NIGHTLY, INCLUDING SUNDAY
Complete Shows Start
at 7:00 and 9:20
Feature Starts at 7:14 and 9:34

SUNDAY MATINEE
Complete Shows Start
at 1:15 and 4:00
Feature Starts at 1:29 and 4:14
Absolutely No One Will Be
Admitted After Feature Starts

'PSYCHO'

Anthony Perkins and Vera Miles

Wednesday-Thursday, Oct. 19-20
'Buster Keaton Story'

Donald O'Connor and Ann Blyth

RITZ THEATRE

MOVIES ON WIDE SCREEN

Friday and Saturday, Oct. 14-15

Battle In Outer Space

Leonard Stanford, Elsie Richter

— PLUS —

'Man From Del Rio'

Anthony Quinn, Katy Jurado

Sunday, Monday and Tuesday,
Oct. 16-18

Sunday Continuous from 1 p. m.

'The Rookie'

Julie Newmar and Jerry Lester

— PLUS —

'Glenn Miller Story'

James Stewart and June Allyson

Wednesday-Thursday, Oct. 19-20

'Crack In The Mirror'

Orson Welles and Juliette Greco

— PLUS —

'I Was a

Teenage Werewolf'

Michael Landon and Yvonne Lime

ROLLA DRIVE IN

SHOW STARTS AT DUSK

Friday and Saturday, Oct. 14-15

'The Big Beat'

William Reynolds, Andra Martin

— PLUS —

'Ride Lonesome'

Randolph Scott and Karen Steele

Sunday and Monday, Oct. 16-17

'The Law and

Jake Wade'

Robert Taylor, Patricia Owens

— PLUS —

'The Revolt of

Mamie Stover'

Jane Russell and Richard Egan

Tuesday, Oct. 18—

'Dollar a Carload

'Hear Me Good'

Hal March and Merry Anders

— PLUS —

'The Quiet American'

Audie Murphy and Georgia Moll

Wednesday-Thursday, Oct. 19-20

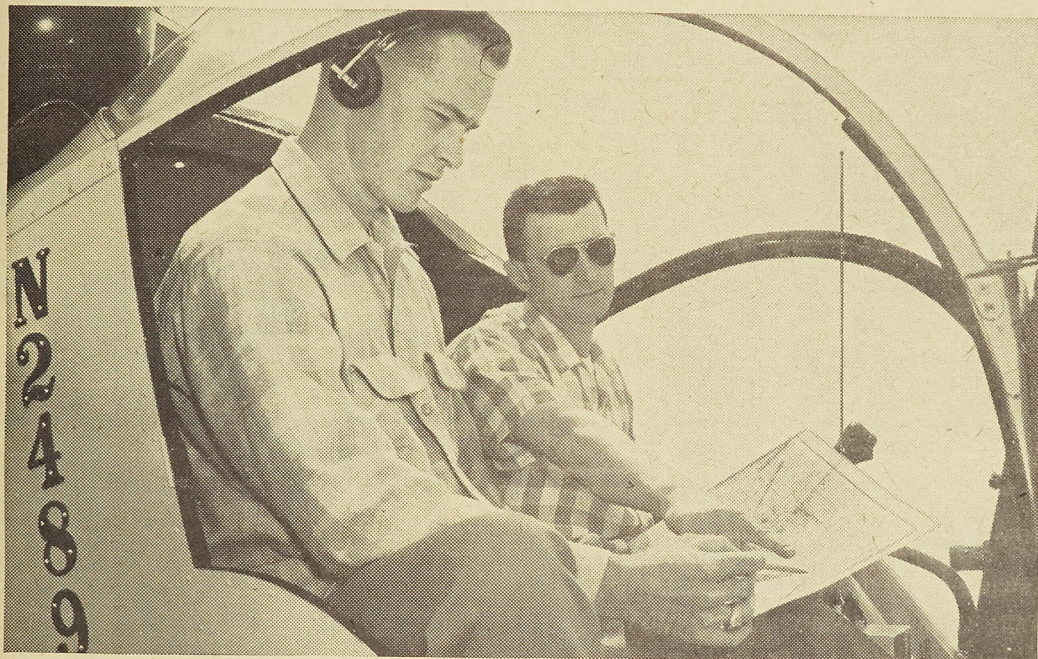
'My Man Godfrey'

June Allyson and David Niven

— PLUS —

'Man Who Never Was'

Clifton Webb and Gloria Grahame



Telephone engineer Bill Pigott, left, and helicopter pilot plan aerial exploration for microwave tower sites.

"I ENGINEERED MICROWAVE TOWER LOCATIONS ON MY FIRST ASSIGNMENT"

When Bill Pigott knocked on the door of Pacific Telephone, he had two big assets. One was an electrical engineering degree from Seattle University. The other was a craving to jump right into vital engineering problems.

It was not long before Bill was exploring Washington's rugged Cascade Range in a helicopter to find sites for microwave relay towers—part of a multimillion dollar telephone construction job. Today, it's considerable satisfaction to him to see these towers spanning the mountains, knowing that his planning helped put them there.

Other important assignments followed: engineering maritime radio systems, SAGE systems—figuring engineering costs for Air Force Titan missile bases.

"Our people respect a man's engineering training—you really get a chance to show what you've got on the ball," Bill says. "I was up to my neck in tough engineering problems right from the start."

If you want a job where you put your training to work from the day you hang up your hat—you'll want to visit your Placement Office for literature and additional information.



"Our number one aim is to have in all management jobs the most vital, intelligent, positive and imaginative men we can possibly find."

FREDERICK R. KAPPEL, President
American Telephone & Telegraph Co.



BELL TELEPHONE COMPANIES

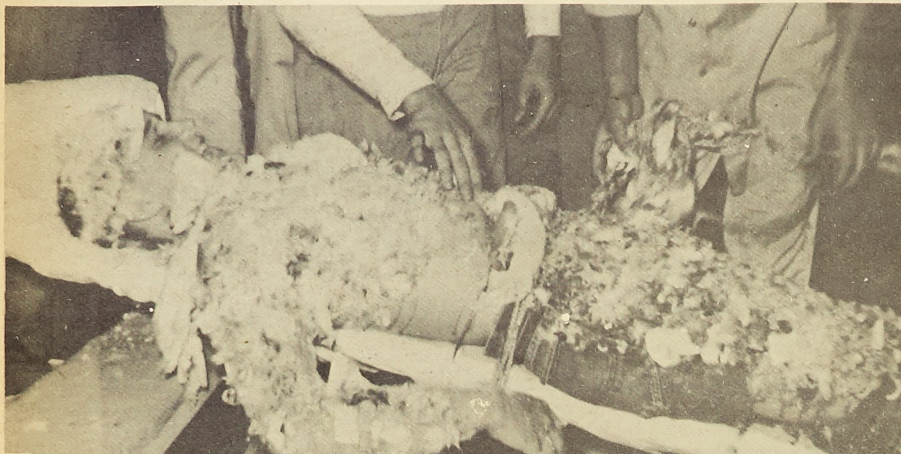
ABOUT THE GREEKS

Sig Eps Return Kaps' Pledge During Football Game; KA Pledge 32 Men

A week ago yesterday a mysterious thing happened at Phi Kappa Theta. The chapter was

shall, Ronald Craig; Martin, Larry Charles; McCafferty, Lee; McCue, Daniel J.; McKenna,

ward; Welch, Harvey Elliott; Wooten, George Tillman, Jr. The pledges of Phi Alpha gave



busily engaged in an intramural football contest with Sigma Phi Epsilon when suddenly one Phi Kappa Theta pledge was discovered missing. The state in which the missing pledge was found is shown below:

Last week, Sigma Phi Epsilon's pledges were challenged to a football game by the Phi Kappa Theta pledges. Sigma Phi Epsilon retaliated by kidnaping a Phi Kappa Theta pledge and decorating him with corn syrup and feathers, after which he was tied to a board and carried down to the intramural field.

Beta Sigma Psi has chosen a Hawaiian theme for the Homecoming dance weekend.

Kappa Sigma announces the initiation of the following men:

William Bush, Bob Gardner, Michael Johnson and Michael Woldman.

Kappa Sigma's pledge dance last weekend was attended by more than 70 couples.

H. P. Davidson, Executive Secretary of Theta Xi personally met the Theta Xi's new pledges and consulted with the active chapter on October 1.

The new president and vice-president of Theta Xi are Richard F. Johnson and Paul V. Lazaras, respectively.

Theta Xi's homecoming theme will feature a Viking atmosphere. The homecoming display will be captioned "Let's Engineer a Victory."

Kappa Alpha fraternity initiated four new men last Sunday.

Their names are as follows: Rudy Phillips, Burton Kinsworthy, Alvin Hainline, Ronald Bartlett.

K A Pledges

Kappa Alpha has announced November 15 as the date for their pledge dance.

KA has the distinction of pledging the largest number of men this fall. The names of all 32 of the pledges are as follows:

Balk, Gary Wray; Barchers, Otis Leon, Bledsoe, James Allen; Bollinger, Larry Lee; Burford, Lee W.; Cobb, Calvin Benson; Ferrell, Charles Stuart; Green, Charles Walter; Havener, Ronald Ray; Hellon, Robert William, Jr.; Hertenstein, Neil Craig; Hilgert, John Harvey; Jones, David Soellner; Kiefer, Dale Francis; Kinsworthy, Burton Hargrove; Kurtz, Denton Morris.

Lewis, Carlton Thomas; Mar-

shall, Ronald Craig; Martin, Larry Charles; McCafferty, Lee; McCue, Daniel J.; McKenna,

ward; Welch, Harvey Elliott; Wooten, George Tillman, Jr. The pledges of Phi Alpha gave their pledge dance this last weekend with the theme being "Cafe Pigalle." The dance was a big success, even for Brother Don Brookland who lost his pin to

(Continued to page 7)



"You were away without official leave," his superior barked. "Why?"

"Well, sir," the harassed private began, "my first day in the Army we were issued combs, and that afternoon all my hair was cut off. The next morning they issued us tooth brushes, and that afternoon the dentist pulled six of my teeth. The following day

I was issued an athletic supporter—that's when I went AWOL."

With most kids hypnotized by TV screens, the next generation will be the sittin' images of their parents.—Larry Mathews.

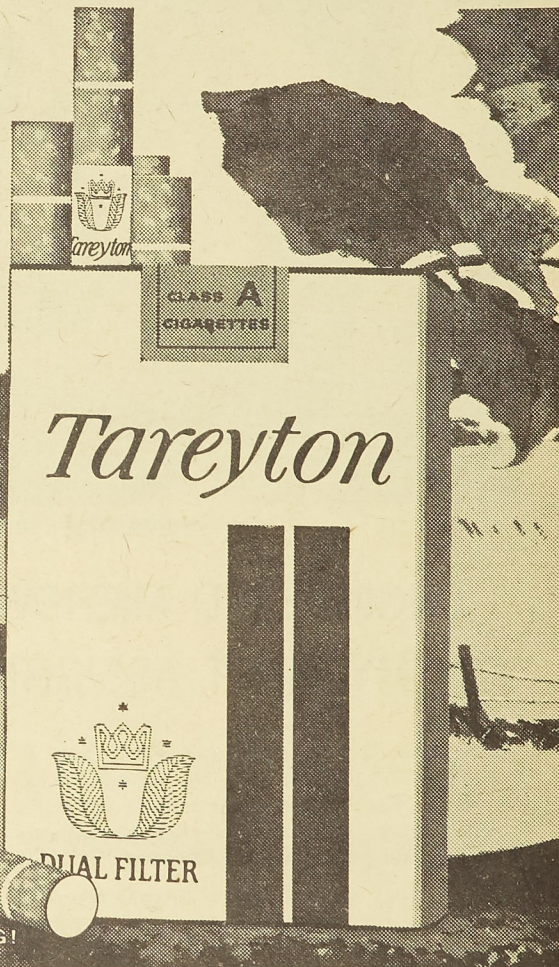
The trouble with political jokes is that sometimes they get elected.—Quote.

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NEW DUAL FILTER **Tareyton**

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

INDEPENDENTS ROLL

MRHA and Eating Clubs Choose Officers For Year

With the oncoming of the Fall season, maintenance men have been eagerly at work beautifying the Dorm surroundings in the form of rolling green meadows. To protect the grounds, fences have been erected to keep misplaced feet off of the newly-acquired lawn.

The M. R. H. A. is also striving for a louder voice in the student government. Dick Greeley and Bob Schewenker are running for Student Council Alternates, while Richard Jauer is running for the office of Secretary of G. D. I.'s

In social activities this week, a Dorm is going to be moved out to furnish the housing for dates during the Homecoming weekend. A bus was chartered for transportation to and from the William Woods mixer last weekend.

Engineers Club

Fifty-four new members were accepted by the Engineers Club, bringing the total membership to nearly 125. The officers for this year are: President, Art Farnham; Treasurer, Jim Mowat;

Business Manager, Dave Owsley; Freshman Pusher, Kent Bell; Intramural Manager, Jim Reilly; Board of Control, Gerald Purcell, Clyde Collins, Dennis Heath and Jim Hesse; Secretary, Dave Fisher; Representatives to the Inter-Coop Council, Dave Bruns and Al Hegger; Representatives to the Independents Board of Governors, Russ Kamper and Jim Hesse.

Independents

A membership drive for the Independents was made by the club officers, who were led by Jim Hesse and Russ Kamper. The results were favorable, with many members joining the organization.

One gal we know wears nothin' to speak of but plenty to talk about . . . Junior says his gal has everything; how kin he git it back? . . . The chap who won't stop at anything shouldn't be in the driver's seat. . . . Joe says he left his wife on account of another woman—her mother.

Sigma Pi Sigma Holds First Meeting of Year

The Missouri School of Mines chapter of Sigma Pi Sigma, physics honor society, began its functions for the academic year with a "get - acquainted" meeting. President Bill May welcomed the visitors and outlined the objectives of Sigma Pi Sigma and the requirements for membership. Dr. Harold Fuller, chairman of the physics department, pointed out the opportunities of employment and further education open to graduates in physics. Dr. Franklin Pauls, chapter advisor, recounted his experiences of this summer while he was at Pennsylvania State University training to receive a license to operate a nuclear reactor. Dr. McFarland and Mr. Stettler, new members of the physics faculty, were introduced and each gave a brief autobiography.

The reception of new members into the Society and a banquet

are scheduled to be held October 18. Plans have been made for a joint meeting with Eta Kappa Nu on November 3. Dr. E. J. Scott of the solid state department at the Naval Ordnance Laboratory is to be the speaker.

Rifle Teams Represent 16 Groups

Sixteen organizations have submitted teams for the elimination rifle match this year. Records of scores will be filed starting October 31 and lasting through the week. The top shooter last year has entered the match again this year, increasing competition and making the match this year more

exciting for entries and all concerned.

A bachelor has been described as a guy hunting for a good looker, and a spinster as a gal hunting for a good listener.

"Honest, Jedge," said the defendant, "I hope de good lawd will strike me daid if I stole dem chickens."

"Well," replied the judge, "you stand over there in the corner, and if you aren't struck dead in thirty minutes, I'm going to give you thirty days."

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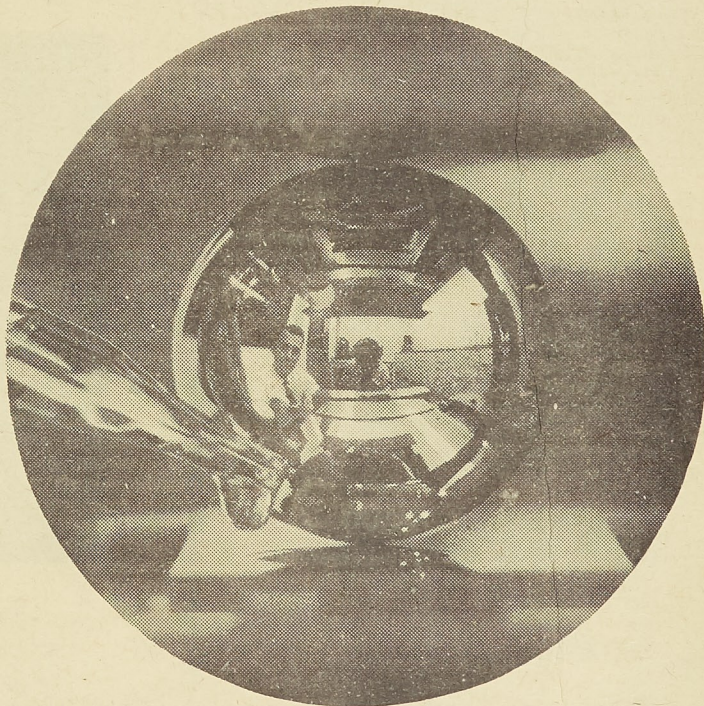
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FREE PARKING



On the riddle of rolling friction

General Motors is pioneering research into the mystery of energy losses in the rolling ball. With a unique measuring device (above), investigators have not only confirmed the hypothesis of how a rolling ball loses energy (Answer: elastic hysteresis), but have also learned where this lost energy is dissipated (Answer: in the interior of the material, not on the surface).

The effectiveness of automation depends upon the ingenuity of the scientist and engineer. If you are about to begin a career in the field of technology you'll benefit yourself by working where ingenuity and enthusiasm pay off. At General Motors they do, and in a big way.

What is your main interest? GM's diversification covers many fields. Automotive research, production engineering and manufacturing, electronics and astronautics are just a few. With so many and varied divisions, GM can offer men who qualify the choice of specialization or the opportunity to work on vastly different projects.

GM also has a financial aid program for both postgraduate and undergraduate students. For complete information, write to General Motors, Personnel Staff, Detroit 2, Mich.

GENERAL MOTORS

GM positions now available in these fields for men holding Bachelor's, Master's and Doctor's degrees: Mechanical, Electrical, Industrial, Metallurgical, Chemical, and Ceramic Engineering • Mathematics • Industrial Design • Physics • Chemistry • Engineering Mechanics • Business Administration and Related Fields.

ROTC

(Continued from Page 1)

Catherine, 9, and Perry III, 5, live at 201 East 16th Street.

First Lieutenant Joseph D. Bennett is a native of Florida, and graduate of the University of Florida with the Degree of Bachelor of Science in Building Construction. He has just completed the Engineer Officers Career Course at The Engineer School and has also served in Germany. He is a member of Kappa Alpha. First Lieutenant and Mrs. Bennett and their two children, David, 5, and Carol, 2½, live at 1808 Tower Road.

Master Sergeant Joe L. Pitt, is a native of Alabama who comes from an assignment at the Seventh Army NCO Academy in Germany. He has also served in Korea and Japan and in various posts in the States. Master Sergeant and Mrs. Pitt live at 205A Rolla Avenue.

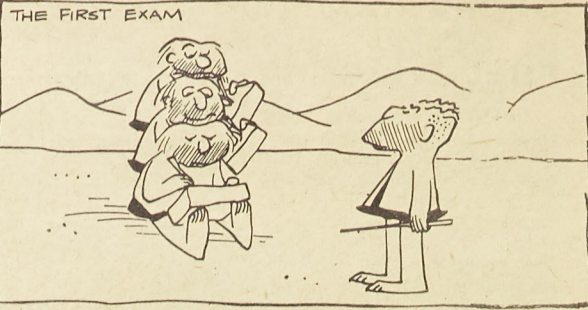
Sergeant Monor C. Mabry, who was formerly assigned at Fort Leonard Wood, and has served in Germany, Turkey and Japan. He is a graduate of the United States Military Academy and has the degree of Master of Science in Civil Engineering from the University of Illinois. Sergeant and Mrs. Mabry and their son Kit, 11, live at 402 Highway 72, West.

Just heard about a little boy who told his mom: "The people next door must be very poor."

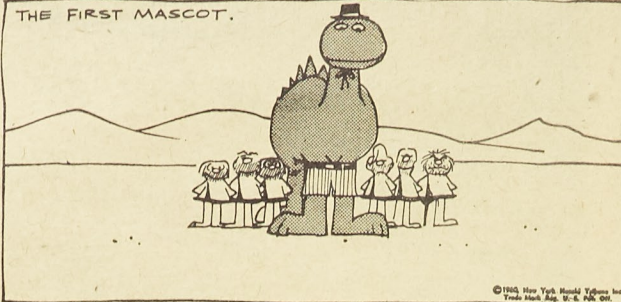
"Why do you think so?" asked mom.

"Because they made such a fuss when their baby swallowed a penny."

"B. C." Goes To College!



THE FIRST MASCOT.



Samson used the jawbone of an ass to end a war. Today, that weapon is used to start one.

In the good old days people turned over in their graves. Now they turn over in their cars first.

I don't care if my girl rides in a train, a bus, or a car;

But if she rides a horse astride, that's stretching things too far.

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Less Than 3 Weeks to Apply For 800 Fulbright Scholarships

Less than 3 weeks remain to apply for some 800 Fulbright scholarships for study or research in 30 countries, the Institute of International Education reminded prospective applicants today. Applications are being accepted until November 1.

Inter-American Cultural Convention awards for study in 17 Latin American countries have the same filing deadline.

Recipients of Fulbright awards for study in Europe, Latin America, and the Asia-Pacific area will receive tuition, maintenance and round-trip travel. IACC scholarships cover transportation, tuition, and partial maintenance costs. IIE administers both of these student programs for the U. S. Department of State.

General eligibility requirements for both categories of awards are: 1) U. S. citizenship at time of application; 2) a bachelor's degree or its equivalent by 1961; 3)

knowledge of the language of the host country; and 4) good health. A demonstrated capacity for independent study and a good academic record are also necessary. Preference is given to applicants under 35 years of age who have not previously lived or studied abroad.

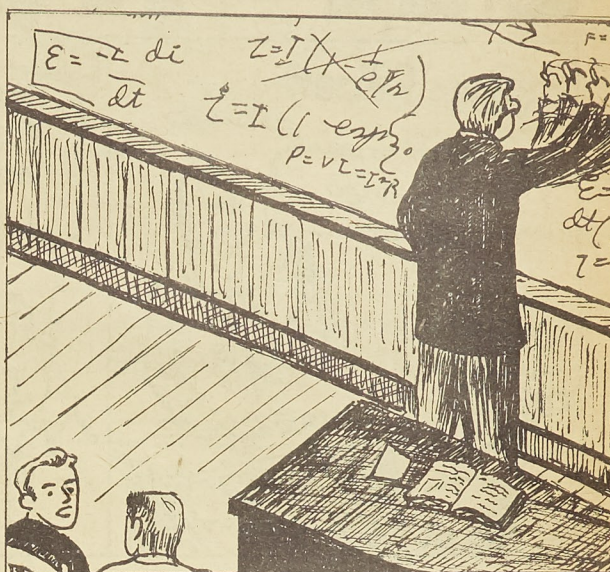
Applicants will be required to submit a plan of proposed study that can be carried out profitably within the year abroad. Successful candidates are required to be affiliated with approved institutions of higher learning abroad.

Enrolled students at a college or university should consult the campus Fulbright adviser for information and applications. Others may write to the Information and Counseling Divisions, Institute of International Educa-

tion, 1 East 67 Street, New York 21, New York or to any of IIE's regional offices (see letterhead.)

Competitions for the 1961-62 academic year close November 1, 1960. Requests for application forms must be postmarked before October 15. Completed applications must be submitted by November 1.

The Institute of International Education, founded in 1919, seeks to foster international understanding through exchange of students and scholars, and to further the exchange of ideas and knowledge among all nations. It administers two way scholarship programs between the United States and 83 foreign countries, handling more than 5,000 exchanges annually, and is an information center on all aspects of international education.



"I bet his mother had cerebral palsy"

Fraternities

(Continued from page 4)

Lisa Leonard.

Phi Alpha pledged ten new members. Their names are as follows: Bob Steffens, Rick Beckmann, Alan Glenn, John Aufenkamp, Vaughn Bradley, Jack Whitner, Bill Cornell, Walter Henkel, James Ramsey and Clark Allen.

Most people who give up smoking substitute something for it—such as irritability.

Ancient Artist: "She supplies the inspiration—makes me think of knights of old."

Two old-timers were discussing a mutual friend. Said one, musingly, "Old Herb seems to be living in the past these days."

"Why not?" said the other, with a resigned sigh. "It's a lot cheaper."

"Where are you from?" I asked a charming foreign-looking girl in the cocktail bar.

"I am French," she purred, "but I am living in ze Norz of Italy."

"Ah, yes," I commented, "that's where the most beautiful lakes in the world are."

She smiled, "You 'ave noteece-dz. But what a peety ze girls are hiding zem by wearing, how you say, slacks!"

Old Mother Hubbard,
Went to the cupboard
To get her a nip of good gin;
When she got there
The cupboard was bare—
Her daughter had already bin.

A friend, just home from the hospital after major surgery, found that her loving women friends had come in and cleaned her house, left flowers, casseroles, baked goods and books.

To her husband's amazement, she looked around at their bounty and burst into tears, so that he queried anxiously, "Why, honey, what's the matter?"

"Now I know the truth about my condition," she sobbed. "People wouldn't be so wonderfully kind unless they'd heard I was dying!"

Why college men choose careers with Du Pont

Every year, several hundred new college graduates choose DuPont. Many Masters and Ph.D.'s do, too.

From time to time we learn from recent graduates the factors which led to their decision to join this company. They cite more than half a dozen reasons. Here are four of the most important:

OPPORTUNITY AND RECOGNITION

They were aware that college-trained beginners go right to work with men who have achieved.

For example, research chemists work with individuals who've done successful research. New engineers work with pros, some of whom have designed new plants, or devised new manufacturing methods, or distinguished themselves in some other way. And other graduates, with B.A. or M.B.A. degrees, go to work with leaders who've been successful in Sales or Advertising or Treasurer's, or another of Du Pont's many departments.

They had been told—and rightly—that Du Pont rewards individual achievement. And they were eager to start achieving.

RESEARCH CREATES NEW PRODUCTS; NEW PRODUCTS CREATE NEW JOBS

Men like working for a company that believes in research, enough to invest in it...\$90 million a year!

The fact is that important new products come from Du Pont laboratories and go to Du Pont manufacturing plants with frequency.

Here are but a few since World War II: "Orlon"* acrylic fiber followed nylon (soon after the war). Then came "Dacron"* polyester fiber, "Mylar"* polyester film, "Lucite"* acrylic lacquer and "Delrin"* acetal resin.

These, and many others, have created thousands of new jobs...in research, manufacturing, sales...in fact, in all Du Pont departments.

DU PONT BACKS EMPLOYEES WITH HUGE INVESTMENT

New graduates feel that every facility is provided for doing the job well.

Last year, Du Pont's operating investment per employee was \$32,500. Since much of this was expended to provide the most modern and best of equipment to work with, it further increases the chance for individual achievement.

This applies to men in lab, plant and office.

DUPONT PROVIDES STEADY EMPLOYMENT

Career seekers appreciate the importance of security.

Today, the average annual turnover rate at Du Pont is less than one-third that of industry nationally.

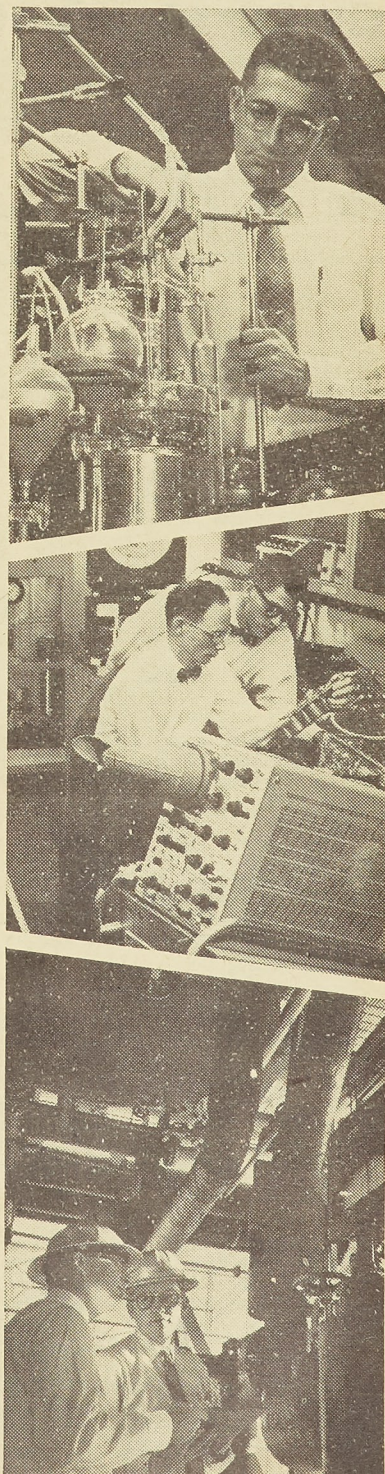
These, and many other reasons, draw new talent to Du Pont each year.

Prospective graduates, M.S.'s and Ph.D.'s interested in learning more about job opportunities at Du Pont are urged to see their Placement Counselor, or to write direct to E. I. du Pont de Nemours & Co. (Inc.). They should tell us the course they are majoring in so we can send literature that is most appropriate.



BETTER THINGS FOR BETTER LIVING...THROUGH CHEMISTRY

* REGISTERED DU PONT TRADEMARK



THE PAGE



DEAR JOHNS—

Advice to Miners

Dear John,

I have taken E. E. 131 under the same instructor four times, and still have not been able to receive a passing grade. Surely, I'm not this dumb. It has to be the professor. I've tried, but cannot get into another section. What should I do.

Want to Pass

Dear Want to Pass,

There are still a few openings left in the Physics Department. If you don't like it there, quit school and become a bartender. It is a good paying job and I'm certain you could use the fringe benefits by this time.

Dear John,

We are writing this letter jointly in hopes that you may be able to help us. We are two instructors in one of the better known departments. Our classes are conducted in an orderly manner, and we try to be as nice as possible by answering questions clearly, and by giving easy quizzes, but this seems to do no good.

Two Profs.

Dear Professors,

Ha, Ha, thought you could hide the fact that you were Physics faculty. Well, since it took me three and one half years to get through Physics 21 alone, I have no desire to help you. I will suggest this. Try Dear Abby.

Dear John,

I am having trouble getting a date for Homecoming. I'm a good looking guy, blond hair, (what there is of it), beautiful teeth (all four of them), and have plenty of money (13 million). Do you have any suggestions?

Signed
Need a Date

Dear Need,

Mimeograph a form letter, saying the same thing you told me, and send a copy to Lindenwood, Christian, William Woods, etc. Then hire the Rolla Police force for protection. With money like yours, who needs looks.

John

Dear John,

I will graduate in January, and after four and one-half years at MSM, am afraid to face the outside world. I won't know how to dress, talk, or associate with cultured people. Are there any courses offered that you know of where a man could learn once again to do the things that ordinary people do?

Signed
Afraid

Dear Afraid,

Well, I can suggest a few people who may be able to help you with your problem. First, associate with the crowds at Rameys to see how to meet and mix with people. These people will also demonstrate to you the fine art of conversation. As far as dress goes, I don't believe I know anyone who can help you with this problem. Possibly, one of the new freshmen can help you with this. They, being fresh out of high school, will probably remember how to dress well.

John

Dear John,

I went back to my home town last weekend, and much to my surprise, did not care to have a date. My parents thought this was abnormal, and worried about me. Now that I think about it, I'm beginning to worry also. Do you think I should see a doctor?

Signed
Abnormal?

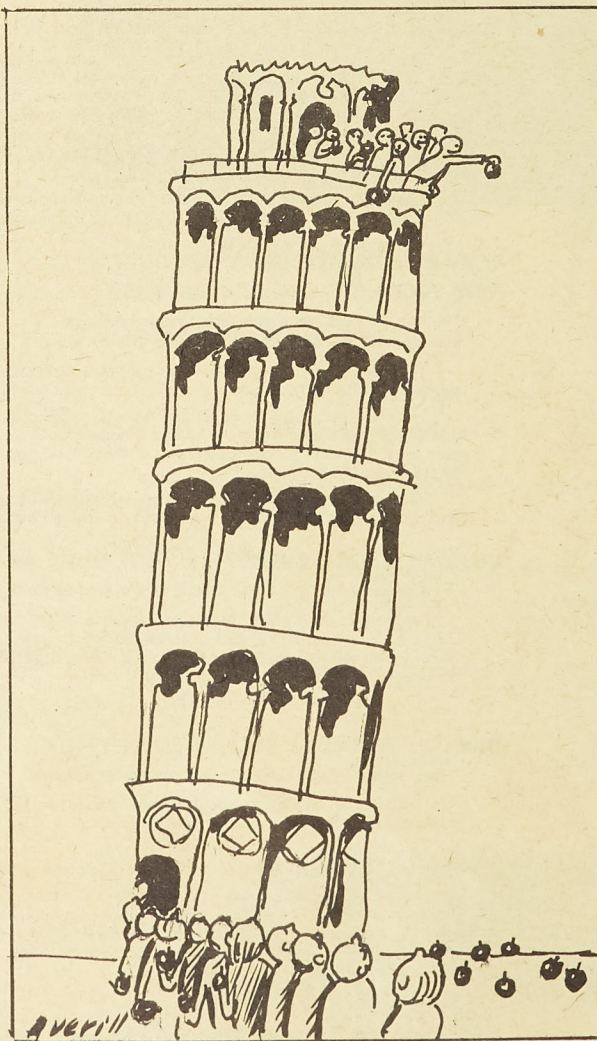
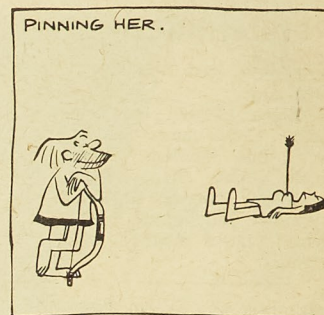
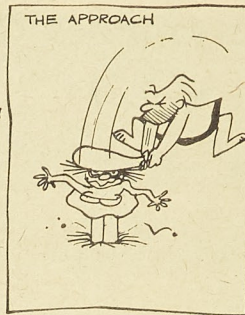
Dear Ab,

Yes, I do think you should see a doctor, at your earliest possible chance. You did not say, but if last weekend was your first time home since school started, boy, you are SICK. Also, I would check the seasoning in the food where you are eating.

John

"B. C." Goes To College!

DATING



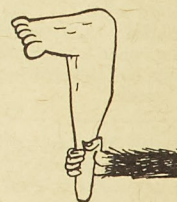
Physics Department Field Trip

THE FIRST GIRL TO WALK HOME FROM A DATE.



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THE FIRST LAST



Gay Homecoming



FRIDAY, OCTOBER 14, 196

WHO?

Intra

Ask any K

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would have to

Don came

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Don B

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A little girl

hospital experie

an appendectom

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struck a needle

disappeared."

Fast

WHO'S WHO in Glee Club to Present Program at Lindenwood

Ask any Kappa Sigma member who they think contributes the most to their powerful intramural teams and their answer would have to be Don Beuerlein. Don came to Missouri School of Mines in 1957 and began his intramural career for Kappa Sig-

Don Beuerlein



ma as a freshman, participating in softball, volleyball, wrestling, football, track, and horseshoes. He has been more than just a player on these teams—he has been a valuable asset.

Last year, as a junior, Don earned the highest title an intramural athlete could compete for, the intramural athlete of the year.

Being very active in extra-curricular organizations, Don is a member of the Student Union Council, Theta Tau, American Society of Civil Engineers, Newman Club, was past secretary of Inter-Fraternity Council, and also is the vice-president of the Kappa Sigma fraternity.

Now a senior, Don hopes to end up his college career with flying colors in both intramural sports and scholarship.

A little girl was telling of her hospital experience where she had an appendectomy. "They told me it wouldn't hurt and then they stuck a needle in my arm and I disappeared."

The MSM Glee Club is off to another fine year of vocal music enjoyment. Many of its former members have returned and added their enthusiasm to that of new members to form a swinging singing group. At present the Glee Club has eighty two potential members.

The driving force of this organization is its slate of officers elected at the last of last semester and is headed by Milton Leet, president supported by J. R. Wyatt vice-president, William Matthews, secretary, Mike Nataluk, treasurer, and Allan Sheppard, librarian.

Professor John Brewer is again this year as he has many past years concented to be director and faculty advisor of the Glee Club. Few realize and appreciate the time and effort he has so freely given to make the Glee Club usefull and efficient an organization as it is. If a good number of instructors on this campus would follow the example of personal interest and faith in Miners as does this gentleman with the big words this campus would turn out better Americans as well as better engineers.

If you have gotten the idea that the IGlee Club is going places you are one hundred percent right. We're going bigger, better, and to Lindenwood! That's correct. On October 22 the MSM Glee Club will present a program to Lindenwood College in St. Charles and prove to them that a rough and tumble bunch of slide rule jockies can sing up a storm and have on eheck of a good time doing it. We also will kick off our engineers boots, lay aside our slide rules, and mingle with the fair ladies at a mixer which is scheduled for after the performance. To be serious for a moment it is important that the Missouri School of Mines be known for producing socially polished men as well as damn good engineers. This is one of the main aims of the IGlee Club, your school ambassadors of god will.

Other events already on the Glee Club, calendar are performances the 29th for Parents Day, November 3rd at William Woods, and December 11 and 12 when with the Lindenwood Choir we present the Messiah.

During the French Revolution, when guillotines were sometimes hastily erected, a decapitated head shot off the guillotine, rolled down a slope, and came to halt on the very brink of a river. "Just fancy that!" commented the head. "Damn near drowned as well."

"So the teacher kept you in after school," said the angry father. "What happened?" "Nothing, Dad, she just wasn't my type."

A young lady wrote a letter to a girl friend now away at school. And in the letter was this sentence:

"I now weigh 118 pounds stripped, but I don't know whether the scales in front of the drug store are accurate."

Two schoolgirls were discussing their latest boy-friends. "What's John like?" asked one.

"He's perfectly harmless," answered her companion. "He only shaves once every ten days!"

The rich can't understand how the poor kin be so happy . . . One way to forget all of your troubles is to wear tight shoes . . . The fellers who kin fold up a road map is a genius . . . One way to kit to Carnegie Hall is to keep practicing' . . . Zed Peters says his eye doctor is a skin specialist.

Most women who are lookin' for husbands are wives . . . A chic kin make a feller wind up with a nest egg or a goose egg . . . Worry is interest paid on trouble before it is due.

Dr. A. W. Schlechten Gives Talk Before Alpha Sigma Nu

The MSM chapter of Alpha Sigma Mu, an honorary metallurgical fraternity, held its first smoker Thursday, October 6 in the Student Union.

The principal speaker for the evening was Dr. A. W. Schlechten. He spoke on the value of high

scholastic achievement. Garland Grechus presided at the meeting.

New pledges include Thomas Lampe, John Straatmann, David Delling, Thomas Theobald, and Gary Welch.

Rrefreshments were served after the meeting.

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YOU FEEL A NEW SMOOTHNESS DEEP IN YOUR THROAT!



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MINER SPORTS

PAGE 10

THE MISSOURI MINER

FRIDAY, OCTOBER 14, 1960

Miners Threaten Tenn. in Last Two Minutes, But Lose 20-12

The Miners lost their fourth game in a row last week to the University of Tennessee, Martin Branch, by a score of 20-12. It was by far the Miners' best showing of the year and we hope a sign of things to come. The game was a hard-fought contest which wasn't decided until the final minute and a half of play.

In the first quarter the Miners threatened when halfback Paul Wiegard made a 45-yard run which brought the ball within the Vols' 10-yard line. Luck, however, was against the Miners in the next few plays. Arnold Hill missed an attempt at a field goal, and several plays later a Tennessee lineman picked up a Miner fumble and ran it to the 1-yard line. A quarterback sneak and a missed extra point put the Vols ahead 6 to 0. The Miners were still to be reckoned with when, with only 20 seconds left in the half, Ted Deranja plunged across the goal from the three-yard line. The try for the extra point was missed and the half ended in a 6 to 6 deadlock.

The Miners completely checked the Tennessee rushing game, but in the final quarter, Vol quarterback Vernon Prather completed a 75-yard pass play to halfback Wilbur Edmiston which was good for a touchdown. Bob Zachary kicked the extra point and the Miners trailed 13 to 6.

Once again with only a minute and a half left to play, the Miners threatened. After a long drive, quarterback Glen Usher went over the goal from the 1-yard line to bring the Miners within one

point of the Vols. The Miners, however, chose to play to win the game rather than to tie it when they decided to try for a 2-point conversion. However, quarterback Glen Usher was smothered before he could get off a pass. With only seconds remaining, Tennessee's halfback, Wilbur Edmiston, made a 50-yard run good for a touchdown and the final score stood Tennessee—20, MSM—12.

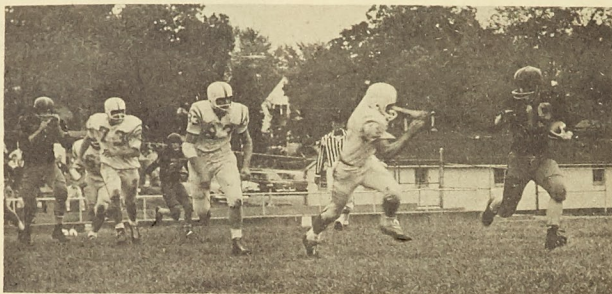
Looking at the statistics, the Miners dominated in almost every department. The Miners earned 21 first downs to only six for

Tennessee and out-rushed the visitors 238 yards to 94 yards. The Vols, however, were able to capitalize on a Miner fumble and complete two damaging pass plays.

The statistics are as follows:

	Miners	Tenn.
First downs	21	6
Punts	7	8
Punting average	31.8	39.8
Yds. lost by penalty ..	67	82
Yds. gained, rushing..	238	94
Passes attempted	23	15
Passes completed	7	3
Passing yardage	77	126

AROUND THE END



Bearcats Here Tomorrow For Big Homecoming Game

The Miners will be trying for their first win of the season this Saturday afternoon in the Home-

coming game against Maryville College. The top contending Bearcats will bring a two wins one loss record to the MSM field, trying to repeat last year's triumph. Although in the last meeting of the two clubs the Miners lost a heart-breaker by a close 7-6 score, the overall picture looks a little brighter with our Miners holding a record of 16 wins, 9 losses and 1 tie over Maryville.

Looking at the statistics, we can predict Maryville will put a strong defense against MSM as they have allowed only 24 points in 3 games. Also, in these games, they have scored 48 points which is not exactly a threatening offense. Of these 48 points, Ken Sanders, one of their outstanding players who is also one of the league leaders in scoring, has scored 24 and has been averaging 4.41 yards per carry, which helps rank him as a top ball carrier. The Bearcats' Fulton will be another man to watch as he has been hitting over 50 per cent of his passes which is the second-best average in the league. Maryville lost a close game to William Jewel College by a 9-7 score but this was not a league game.

Our Miners also have some players among the league leaders. Ted Deranja has averaged 3.88 yards per carry and Arnold Hill has managed 4.15 yards per try, along with 8 passes caught for a total of 130 yards. Although the Miners have had 140 points scored against them while scoring only 44, the defense as a whole looked more tight last Saturday.

Cross Country Team Wins Over Cape in First Meet

by Larry Bailes

Last Saturday, Oct. 7, the Miner cross-country team won their first meet of the season against Cape Girardeau on the Miner course on the MSM golf course with a score of 20 to 42.

Gerald Jones, a senior from Cape, placed first in the meet with a time of 22 minutes and 7 seconds for the 3.86-mile course. As this is the first meet to be run on this course, this time is the course record.

The Miners took the next six consecutive places to shut the Indians out of the meet. Dick Woodfield took second with a time of 22:32 minutes, followed by Leslie Sheets, John Brown, Bob Stiner, Bill Erickson, and Sherman Brady for the third to seventh spots.

Sophomore Bob Stiner put up a fine show by placing fifth, even though he ran the complete course on a painful sprained ankle. Later meets will probably show much better times for this man.

The scoring of a cross-country meet is a bit complex but gener-

ally consists of that each team may enter a maximum of 12 men but only the top seven of these count for displacement and only the top five of these count for points. Each man that places in the top five of his team receives for his team, the number of points numerically equal to the compensated place he came in in the meet. The team that has the lowest total of points is the winner of the meet.

Tomorrow morning the cross-country team runs against the team from Kansas State Teachers College (Pittsburg), on the MSM course. Tomorrow's meet should be pretty close if the past has any indication on the future. In the past three years Pittsburg has topped Rolla twice by only one point and the Miners have downed them once, but by two points.

Later this week, on the nineteenth, the Miner squad travels to Carbondale to run against the Southern Illinois University Sal-

SIDELINES

By Ed Schwarze

For the benefit of the Alumni I have gone back a few years and discussed some of the games in which the Miners have met up with the Maryville Bearcats. The first year that these two teams met was in 1931 when Maryville won the game 6-0. The Miners have an overall record against the Bearcats of sixteen wins, eight losses and one tie.

The Miners, in their first home game of the season upset the Bearcats of Maryville, handing them their first football loss since 1941. The final score of this game was 25-0.

Maryville, favored to win the conference title, lost a hard-fought fast-moving thriller with the Miners as a fourth period touchdown by MSM squad broke a tie that spelled victory for us. The Miners themselves went on to win the conference that year.

At the expense of the Bearcats, the Miners scored another upset for a parents day crowd. The final score on that damp and drizzly day was 24-6.

This year the Miner pigskinners wholoped the Bearcats 41-13 to start them on the road to a conference title.

As a rain-soaked Parents Day crowd looked on, the Miners made their conference debut by shutting out the Bearcats in a fine display of their two-platoon system. The two touchdowns were made in the second and fourth quarters by Tietjens and Kwadas, respectively.

The Miners invaded the Maryville Memorial Stadium to secure their sixth win in as many years from the Maryville eleven.

Again MSM defeats Maryville for the seventh consecutive season.

The Bearcats, determined not to lose forever finally succeeded in defeating the Miners by a score of 7-12.

The Miners showed once again the fighting spirit which had been evident other years against Maryville by downing them by a score of 19-13. Feaster and Helm scored a touchdown apiece in the last period to give the Miners the edge.

The Bearcats again come back to defeat the Miner team by a score of 11-6.

The Miners smashed against Maryville and won the game by a score of 26-6. The team went on to tie Warrensburg for their last conference title.

The MSM team journeyed to Maryville's home field for the second conference game. The end of the game showed the Bearcats tree by the victorious Miners, final score, 37-21.

The Homecoming game, against the Maryville Bearcats, was enjoyed by the alumni as the Rollians marched over the Bearcats by a score of 20-7.

In last years game against Maryville, the Bearcats defeated the Rolla boys by a score of seven to six on mud covered field.

May the best team win. Good luck Miners.

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