



03 Nov 1961

The Missouri Miner, November 03, 1961

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"Dukes of Dixie Land" To Play Here Nov. 15

Ten years ago in New Orleans, a pair of teenage brothers enlisted some of their neighborhood chums and founded a small band for the

in Street Four, or Five, or Six, depending on how many members they could round up in a night. Rehearsals were held after school,



sheer pleasure of playing oldtime Dixieland music.

They called themselves the Bas-

"The Drifters" to Play at the Mixer Nov. 11

The official student dance band of MSM, the "Drifters," will provide music for the all-school mixer November 11th in the Student Union from 8 until 12 p. m. and will play for the Military Ball. The "Drifters" organized last year under the new MSM-ROTC band program, has provided music for campus and off-campus activities. The 16 member group played for the Student Union Friday dance during Homecoming. Last year the group played for numerous occasions at the Clubs at Fort Wood.

Under the direction of MSM band director David L. Oakley, the band members are all students and regular members of at least one of the large MSM-ROTC Band Units.

Membership in the "Drifters" is by competitive audition, there

and on weekends the group found work on the outskirts of town at a seafood palace called Mama Lou's. There they earned the magnificent salary of \$3 a piece per night, plus the kitty of tips. And they had a ball.

Within the year, the Horace Heidt troupe visited New Orleans for the purpose of discovering new talent. The boys, Frankie and Freddie Assunto, got together a seven piece unit, rehearsed them thoroughly and had no trouble walking off with the top honors. For the Heidt show they had changed their names to the Junior Dixie Band—all members of the unit were then under 18 years of age.

It was when they toured with Heidt for a couple of weeks that they decided to turn professional. They returned to New Orleans with enough money to buy uniforms and to join the musicians' union. Realizing that they could not be "Juniors" forever, the unit underwent another change of

(Continued on Page 3)

being at present 216 band members rehearsing and competing for the spot in the first band.

Membership in the Drifters is varied with personnel from all over the nation.

M INER

The Missouri

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME 48

FRIDAY, NOVEMBER 3, 1961

NUMBER 8

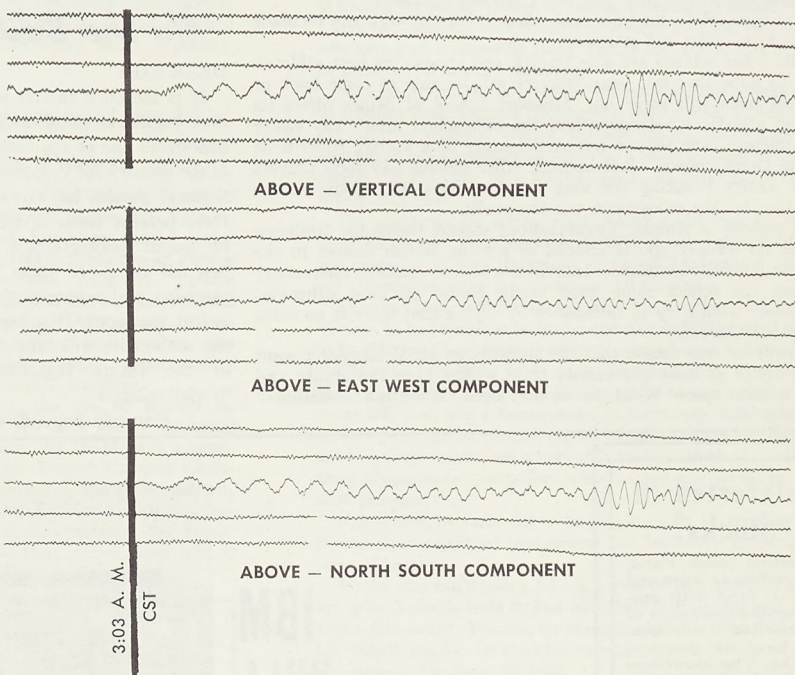
MSM's Seismograph Records Soviet 50 Megaton Blast

Dr. George B. Clark of MSM announced today that the MSM seismograph has recorded Monday's Soviet atomic blast. The seismograph, located in a cave

other tremors for use both by evaluative agencies and for training.

The blast was set at 2:33 a.m. CST and was recorded in Rolla

at 3:03 a.m. CST. All MSM seismograph records are sent to St. Louis University where they are analyzed with all other records across the nation.



Shown above are the vertical, east west and north south components of the MSM seismograph showing the charting of the Soviet blast Monday. The charts were made at the MSM seismograph located in a cave near Newburg. The chart shows the actual earth tremors magnified several thousand times. By comparison, an earthquake recorded shortly afterward in the south Pacific was some 6 times greater than this blast effect. Time of the blast 2:33 a. m. CST and the tremor reached this area at 3:03 a. m. CST.

Fifty Persons Attend Mech. Dept. Symposium

On October 30 and 31 the Mechanics Department was honored to have Mr. Wayne E. Nickola as their speaker on Industrial Photoelasticity. Mr. Nickola is a Project Engineer in the Research and Development Group of the Instruments Division of the Budd Co. Prior to this he was employed at General Electric, where he was directly involved in mechanical testing and experimental stress analysis. He received both his B. S. and M. S. degree from Pennsylvania State University, and also has served there for two years as an instructor in the Engineering Mechanics Department.

The attendance was limited to 50 people in order to increase the educational value of the lectures and demonstrations. The Symposium was welcomed, first by Dr. C. L. Wilson, the Dean of the Faculty, then by the head of the Mechanics Department, Prof. R. F. Davidson who outlined the coming lectures and introduced Mr. Nickola. From this point Mr. Nickola was in complete control and his presentations were very interesting. The Symposium lasted from 9:00 a.m. to 4:30 p.m. on the two days scheduled and was quite a success.

NOTICE!!!

MSM Football Rally Tonight
at 7:00 P. M.

on the Intramural Field.
Support Your Team!
Cheer Them to Victory!

MSM to Be Host To an Asphalt Meet Nov. 16

Dr. Curtis L. Wilson, Dean of the Missouri School of Mines and Metallurgy, announced today that the School's Department of Civil Engineering will host an Asphalt Conference in cooperation with the Missouri Bituminous Contractors Association and the Asphalt Institute.

Slated for November 16th and 17th, 1961 at the Auditorium of the Missouri School of Mines and Metallurgy's Civil Engineering Building, the two day conference will feature clinic type presentations on the latest developments in asphalt production and use.

Participating in the program will be representatives of the asphalt industry, state engineers and educators from a five-state area. Topics to be discussed will include utilization of local materials, new ideas, and examination of recent asphalt uses in various parts of the nation.

Three Top Platoons Are Named by ROTC Dept.

On Monday, October 23, the Cadet Staff Officers of the ROTC Department at MSM selected the best drill platoon. One platoon from each battalion was chosen to compete in the drill-down at 4:30 on the same day. When the nine semi-finalist platoons arrived at 4:30, they were sent to various testing stations where each platoon leader was given a command on a slip of paper. The ability of the various platoons to execute these movements was recorded as a score and at the finish the scores were added together and the best

platoon determined. Each of the members of the best platoon of each battalion received one merit, while each member of the first three platoons in the drill-down, in addition to the one merit received four, three, and two merits respectively.

Cadet Second Lieutenant W. R. Leininger commanded the winning platoon, which was the first platoon, Company H, 3rd Battalion, 1st Group. Second place went to Cadet First Lieutenant Roger Schidd and the second platoon, Company C, 1st Battalion, 1st Group. The third platoon, Company E, 2nd Battalion, 1st Group, commanded by Master Sergeant Harold Beardslee, took third place.

Cadet Second Lieutenant Leininger and his platoon will be the first names to go on a new plaque established for the purpose of recognition of outstanding group participation on the drill field.

NOTICE

PARENTS' DAY
WILL BE HELD
TOMORROW.

Miner Editorial

The headlines are familiar this semester and are a source of pride for the school. Few people on campus realize that these games are even played by the Miners. Most Miners shun the athletics and varsity sports like the plague. Yet for the teams to win these activities, Miners must play in them.

Intramural sports get a greater participation, but this is due to internal pressure. The organized bodies on campus encourage their members to play. Loyalty for the organization is the stimulus in most cases. When asked about varsity competition in these sports the intramural players often decline saying that they can't afford the time or that their organization needs them more than the school team.

Paramount to any club or fraternity is the school. Without the school there would be nothing. So while the organizations may need players they should not be so small in their foresight as to deprive the varsity of players. What good is it to be a winning organization on a losing campus.

The second objection to varsity sports is the time they take from studies; this is justified in a way, if the person really can't afford the time. There are some people on campus who are in such a tight schedule that they can't afford to practice or go on away trips. Over half of the student body wastes three or four hours a day, which could be utilized helping the school name. The men who are out for the varsity aren't geniuses yet they carry the same number of hours as everyone else in their curriculum and they don't fail out of school.

Away trips take a lot from one's classes, yet the work can be made up with a little effort and stamina.

While other schools are able to pick and choose the best athletes, we have to hope that last years players will be able to come back or that a full team will show up. Missouri School of Mines offers its players no athletic scholarships and the instructors aren't any easier on it's athletes! The reward for participating in a varsity sport is as old as the Greeks honor. Just because other schools pay their players does not justify breaking the long standing idea that amateurs are participating for the enjoyment, not the profit.

The remedy is simple. Organizations should encourage freshmen to go out for varsity sports instead of placing selfish desires in the way of the schools reputation. Individuals should reassess their aims; isn't doing the school some good worth giving up some, otherwise wasted, time? Don't try to rationalize by saying that there is no extra time, because there is.

There is no real reason that the students at MSM shouldn't want to be a part of at least one varsity team. They have the ability and the time in most cases. What else do they need, "a written invitation?" If so, this is it.

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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To the Editor

DEAR SIR:

It is indeed a matter of regret that the School of Mines which is considered one of the best schools in the country for Engineering and Science should let an error of three percent creep in the record of height photographed on the new ID cards. In these days of precision and accuracy this error is just too much. It is hoped that the authorities will take due care in the future regarding such "trivial" matters.

Sincerely hopeful, 462

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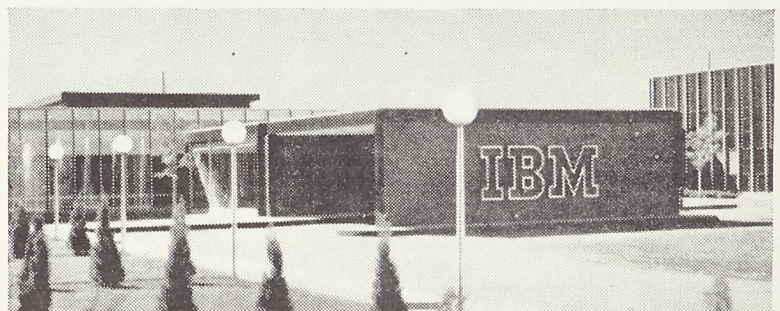


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Dukes of Dixieland

(Continued from page 1)

name, to the Dukes of Dixieland, and this is what they are known by today.

New Orleans has a special place in the story of jazz, and The Dukes of Dixieland have a special place in the story of New Orleans as natives of this city rich in musical tradition. The Dukes of Dixieland knew from childhood on that everything in the city was competitive. But they had one advantage over most other bands. While most New Orleans band musicians had trades at which they worked during the day—bricklaying, carpentry, cigar making or selling—the Dukes, from the time they were in high school filling only occasional playing dates, aspired to be fulltime professionals. It was little wonder, therefore, that New Orleans folks, because of their enthusiasm over the Dukes' playing, kept them working at the Famous Door night club for 44 months. It is also little wonder that the Dukes' playing represents Dixieland at its best.

The Dukes of Dixieland have a style stemming basically from that of the original Dixieland band, which enjoyed its peak of popularity during the early part of the 20th century. Actually, The Dukes are a perfect illustration of a kind of feed-back in jazz whereby contemporary musicians perform in the humble tradition of Negro song and dance bands on street corners years ago. But where other jazz combos attempt to sound like these song and dance bands of yesteryear—slow, easy-going and even lazy—The Dukes have a more virile style that imparts considerably more character to whatever they play. Their interpretations of songs going back as far as the gay nineties has a kind of modern dynamic quality which places them apart from any other contemporary combo.

Using special arrangements that are planned in detail before a single note is played, The Dukes achieve overall maximum freedom of design. At the same time, instrumental ideas and harmonies are worked out with a view towards getting a closely-knot texture. As Jac Assunto says, "We try to get each instrument to bite with real guts. However, the chief object is to secure a richer harmonic texture, to make every note mean something."

The Dukes learned their work methods the way hundreds of other New Orleans musicians did. They lived with music day and night. They lost no opportunity to observe. They had the privilege of absorbing what they could from many of the musical "greats" who played New Orleans—Louis Armstrong, Count Basie, Sidney Bechet, Dave Brubeck, Bunk Johnson, John A. Provenzano, Billy Taylor, Jelly Roll Morton and others. Those who were before their time, they got to know by reputation and by what they had left behind in the way of tradition. From the very beginning The Dukes were meticulous, even arbitrary, about technical and stylistic perfection. Such is their musicianship and versatility that all the members of the combo are top-flight virtuosos. Yet, when they put this musicianship and versatility together, they manage to achieve first-class virtuosity, while giving the impression that their playing has the casualness of a free-for-all or a jam session.

Besides Frank and Fred Assunto, the combo has a "spark plug" in the person of Jac As-

sunto, their father, who is known as "Papa Jac" in the band. Jac looks more like a stock and bond man than a musician. In fact, beneath his musical exterior is a mind well versed in the ways of business administration, with a degree from Tulane University to prove that he learned these ways thoroughly. Jac has been an inspiring force in the combo, and the pride of his life is his two sons, plus Betty Owens, Mrs. Fred Assunto in private life, and "the Duchess" in professional circles. Betty was the featured singer with the band.

Baptist Students Attend Convention

The local Baptist Student Union will attend the annual state convention of Baptist students of Missouri in Columbia on November 3-5 in the First Baptist Church. The theme for this convention, the thirty-seventh state convention of Missouri Baptist students, is "A Living Church in a Revolutionary World." Sessions are open to students from every campus in the state. Noted speakers who are very popular with student groups will be featured on the program.

Student participation will be stressed in the program. Discussion groups and study sessions will be important features of the convention activities. Bible study groups will convene to discuss materials suggested by a noted professor of Midwestern Baptist Seminary, Dr. C. DeWitt Matthews. Special musical features will be presented by William Jewell, Southwest Baptist, Missouri Baptist Hospital, and individuals from other schools in the state.

Students will be featured on the program to preside over sessions and to present personal experience

stories of work in summer mission activities. Gary Achenbach, a senior at M. S. M. in Chemical Engineering and state president of BSU, will be presiding. Barry House, a senior in Electrical Engineering, will be chairman of the resolutions committee. Participating in the Bible Discussion Sessions on Ephesians, will be: Joe Fouraker, Senior, Civil Engineering; Galen Miller, Junior, Chemical; Alan Lasley, Sophomore, Mechanical; Ken Tate, Junior, Mechanical; and Don Herr, Senior, Electrical.

Two missionaries appearing at the convention will be Dr. and Mrs. G. W. Schweer from Indonesia. Three more personalities appearing at the state BSU convention are Dr. C. DeWitt Matthews, Professor of Preaching at Midwestern Baptist Seminary in Kansas City, Missouri; David D. Alexander, Southern Baptist Convention Student Secretary of Nashville, Tennessee; and Robert S. Denny, Baptist World Alliance Youth Secretary from Washington, D. C.

Blanche and John H. Bowles Award

Robert Alfred Harris, Jr., 1010 South Market Street, Mt. Vernon, Missouri, has been named recipient for this academic year for the Blanche and John H. Bowles Scholarship at the Missouri School of Mines and Metallurgy. Open to all juniors and seniors, the scholarship is based on personality and scholastic standing.

Harris, the son of Robert A. Harris, Sr., is a junior majoring in Physics. At MSM he is a member of the United Campus Christian Fellowship, the Independents, the Men's Residence Hall Association, and has received the Freshman Curators Scholarship and is on the Dean's Honor List.

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On Campus with Max Shulman

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

HUSBANDS, ANYONE?

It has been alleged that coeds go to college for the sole purpose of finding husbands. This is, of course, an infamous canard, and I give fair warning that, small and spongy as I am, anybody who says such a dastardly thing when I am around had better be prepared for a sound thrashing!

Girls go to college for precisely the same reasons as men do: to broaden their horizons, to lengthen their vistas, to drink at the fount of wisdom. But, if, by pure chance, while a girl is engaged in these meritorious pursuits, a likely looking husband should pop into view, why, what's wrong with that? Eh? What's wrong with that?

The question now arises, what should a girl look for in a husband. A great deal has been written on this subject. Some say character is most important, some say background, some say appearance, some say education. All are wrong.

The most important thing—bar none—in a husband is health. Though he be handsome as Apollo and rich as Midas, what good is he if he just lays around all day accumulating bedsores?

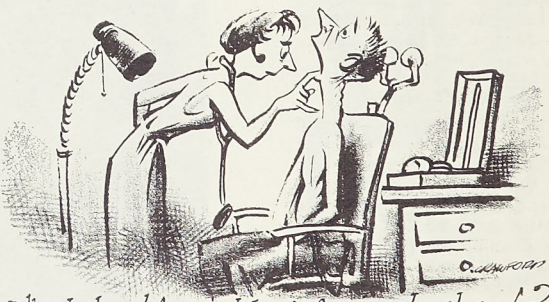
The very first thing to do upon meeting a man is to make sure he is sound of wind and limb. Before he has a chance to sweet-talk you, slap a thermometer in his mouth, roll back his eyelids, yank out his tongue, rap his patella, palpate his thorax, ask him to straighten out a horseshoe with his teeth. If he fails these simple tests, phone for an ambulance and go on to the next prospect.

If, however, he turns out to be physically fit, proceed to the second most important requirement in a husband. I refer to a sense of humor.

A man who can't take a joke is a man to be avoided. There are several simple tests to find out whether your prospect can take a joke or not. You can, for example, slash his tires. Or burn his "Mad" comics. Or steal his switchblade. Or turn loose his pet raccoon. Or shave his head.

After each of these good-natured pranks, laugh gaily and shout "April Fool!" If he replies, "But this is February nineteenth," or something equally churlish, cross him off your list and give thanks you found out in time.

But if he laughs silverly and calls you "Little Minx!" put him to the next test. Find out whether he is kindly.



What should a girl look for in a husband?

The quickest way to ascertain his kindness is, of course, to look at the cigarette he smokes. Is it mild? Is it element? Is it humane? Does it minister tenderly to the psyche? Does it coddle the synapses? Is it a good companion? Is it genial? Is it bright and friendly and filtered and full of dulcet pleasure from cockerow till the heart of darkness?

Is it, in short, Marlboro?

If Marlboro it be, then clasp the man to your bosom with hoops of steel, for you may be sure that he is kindly as a summer breeze, kindly as a mother's kiss, kindly to his very marrow.

And now, having found a man who is kindly and healthy and blessed with a sense of humor, the only thing that remains is to make sure he will always earn a handsome living. That, fortunately, is easy. Just enroll him in engineering.

© 1961 Max Shulman

Joining Marlboro in bringing you this column throughout the school year is another fine product from the same makers—the king-size, unfiltered Philip Morris Commander. Here is pure, clean smoking pleasure. Try a pack. You'll be welcome aboard!

Members of Sigma Tau Gamma Help MSM in Cross-Country

SIGMA TAU GAMMA

The Alpha Omega Chapter of Sigma Tau Gamma is especially proud of three of their brothers who have had a large part in helping to establish the MSM Varsity Cross-Country won-loss record this season. John Brown, Bill Erickson, and Leslie Sheets have taken the first, second, and third MSM place in all meets this season, the only exception being the Kirksville-Warrensburg meet, in which Les Sheets took the second MSM spot. On October 21, John Brown set a new school record for the course, and bettered his record again the following Tuesday. In the recent Intramural Cross-Country meet, pledge Chuck Lahmeyer finished eleventh, and brother Earnest Greek placed 28th, giving Sig Tau sixth place in the meet.

When the smoke on the Intramural Flag-Football field cleared early last month, Sig Tau had again captured second place in their league for the second straight year, behind Phi Kap. Tired of football for now, the brothers are anticipating an even better season next year.

The outside of the new addition to the Sig Tau house has been completed, and presently the bathroom facilities are being installed and the new 2-man study room finished.

Homecoming Weekend was termed a success by all the brothers, who enjoyed the dances Friday and Saturday night, and the barbeque-outing Saturday afternoon. The Social Committee received a well-earned pat on the back.

TAU KAPPA EPSILON

Teke's Homecoming Queen candidate, Miss Gail Lea Cox, Miss St. Louis of 1961, was runner up of the 18 queen candidates. Frater Tim Brown had the pleasure of escorting Gail during Homecoming weekend.

Tau Kappa Epsilon placed second in their flag football league with the winner of the league going on to win the school championship. Larry Bauer and Joe Dean were high point men with 72 and 52 points, respectively.

SIGMA NU

After abandoning the thought of another walkout, a group of eager pledges volunteered to help clean up Lions Park this past weekend. Only a shortage of transportation and the fact that the house clean-up was not over stopped a mass exodus of the entire pledge class to Lions Park.

Monday night Schaefer's Shifters defeated Shamrock by the near shutout score of 47 to 5. We hope that this is an indication of the potential we have in basketball this year.

SIGMA PI

Homecoming at Sigma Pi was a huge success. In fact, some of the members barely recovered. This is evident by the slight delay in the news of the happenings. The Octopus, who was strangling the Bear and struggling with his slide rule, took third place in the decorations department. Also, the hayride on Friday night was fun and frolic for all.

The basketball team is shaping up as a threatening quintet under the careful guidance of "El Coach" Wasson. The Sig

Pis are hoping to have a bang-up team with some new blood.

With Parents' Day coming up, everyone is trying to get things in shape to give their folks a good impression of the house.

KAPPA SIGMA

Throughout the past few weeks Kappa Sigs have been directing all their energies and efforts toward the development of a good swim team and a good basketball team. Jim Warner, our intramural manager, with the help of Dave Mausshardt and Jon Hilton, is doing an excellent job in organizing these teams. If things keep progressing as they have been we should come up with some pretty good results.

At the present Kappa Sigs are preparing themselves and the house for Parents Day. We are all hoping that this proves to be a very successful weekend of pleasure for both Kappa Sigs and their parents.

Jay Wray Alford Receives Scholarship

Jay Wray Alford, sophomore Metallurgical Engineering major at the Missouri School of Mines and Metallurgy and son of Glenn E. Sawyer, of 107 S. Landrum, Mt. Vernon, Missouri, has been named recipient of the Albert E. Buck Memorial Scholarship for this academic year. The scholarship is made available by the Rio Grande Steel Products Company, Incorporated, to any student with adequate high school background entering and maintaining satisfactory progress in studies in either the field of Civil or Metallurgical Engineering.

Alford is a member of the Baptist Student Union, the M Club, has lettered in varsity track and football and is on the Dean's Honor List.

After loafing through the ads in a thick issue of the New Yorker, you feel that your wardrobe is shabby, your looks dowdy, and your whole way of life a magnificent unfulfillment.

General Motors Awards Four Scholarships

Four recipients have been named for this academic year for the General Motors Corporation Scholarship at the Missouri School of Mines and Metallurgy. The Missouri School of Mines and Metallurgy is a participant in the General Motors Corporation Scholarship program, in which one new scholarship is awarded each year to an incoming freshman. This scholarship may be renewed for a four year period, subject to satisfactory record.

Recipients are:

Donald Eugene Burton, senior, son of Mr. and Mrs. Charles M. Burton, 5714 Prospect Avenue, Kansas City, Missouri. Burton is a member of the Military Ball Board, the Rifle Club, the Society of American Military Engineers, the Pershing Rifles, the Shamrock Club, the American Institute of Electrical Engineers, the Independents Club and Sigma Gamma Epsilon. He has received the Curators Award,

has been on the Dean's Honor List, has received the Phi Kappa Phi Bookplate Award and has received various military honors.

Myron Edward Gruber, sophomore, son of Walter W. Gruber, Route 1, Berger, Missouri. Gruber has been a member of the Independents Club, the Men's Residence Hall Association, was winner of the Central Missouri Science Fair Scholarship, was winner of the MSM Student Council Science Fair Scholarship, received the achievement award in Mathematics, received the Chemical Rubber Award, received the Freshman Award in Electrical Engineering and has been on the Dean's Honor List.

Clifford Keith Larsen, senior, son of Clifford A. Larsen, 214 Elm, Glendale, Missouri. At MSM Larsen is a member of Kappa Alpha, the American Institute of Chemical Engineers, Gamma Delta, the Miner Board, Alpha Chi

(Continued on Page 5)

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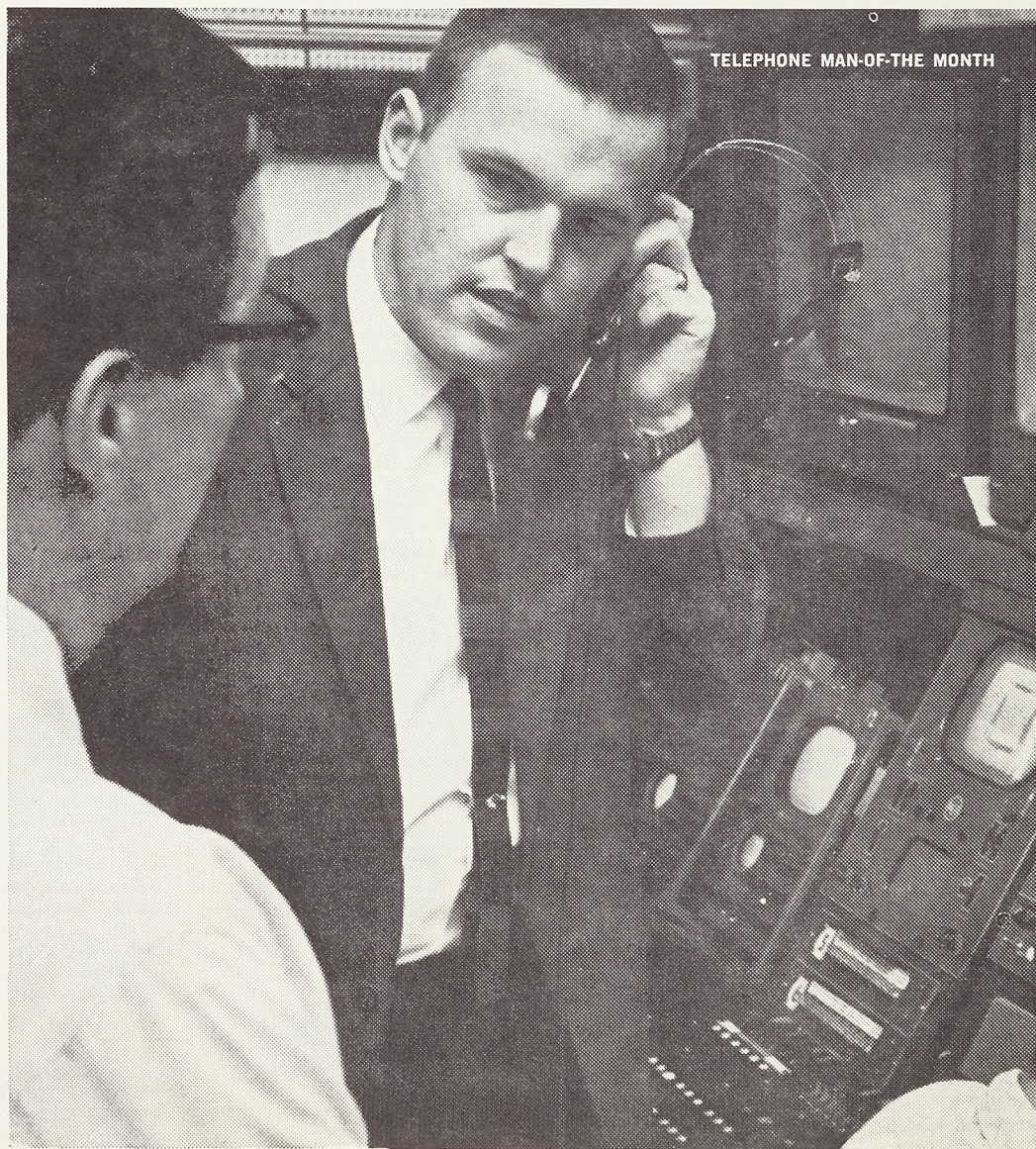
In the exciting world of closed-circuit television, where cameras are trained on everything from a heavyweight title fight to a corporation's annual meeting, directing communications to the right "private" channel is everything. Supervising this important work is the job of Buzz Honsaker.

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BELL TELEPHONE COMPANIES



TELEPHONE MAN-OF-THE MONTH

MORE AID

Gary Brunner Granted Educational Scholarship

Gary Dean Brunner, son of E. O. Brunner, 2622 North Grant, Springfield, Missouri, has been named recipient for this academic year of the Falkland H. Dearing Educational Scholarship at the Missouri School of Mines and Metallurgy. The scholarship, available from an investment fund provided in memory of Falkland H. Dearing by his wife, is awarded each year to an incoming freshman selected from nominations by principals of accredited Missouri high schools.

Brunner is a freshman majoring in Electrical Engineering. He received ten hours of advance credit

with a straight "A" grade through examinations given by the School of Mines to entering freshmen. Gary scored in the 98th percentile on the Pre-Engineering Ability Test and ranked in the top ten percent of his graduating class at Hillcrest High School in Springfield. During his high school years he participated actively in sports, was a member of the Key Club, an officer in the Hi-Y and "H" Clubs. He attended the University of Mississippi Summer Science Camp in 1960, won the Mathematics Association of America Contest, and was Rotarian of the Month.

Concentrator Company Awards Scholarships

Recipients are announced for the Deister Concentrator Company Scholarships at the Missouri School of Mines and Metallurgy for this academic year. The Company established these scholarships in recognition of the contributions of MSM graduates who have served with the Company.

Recipients are:
Arthur Ona Martel, son of Mr. and Mrs. Ona Martel, Route 2, Concord, New Hampshire. Martel is a sophomore majoring in Metallurgical Engineering. His activities at MSM include membership in the Independents Club, the International Fellowship Club and he has been on the Dean's Honor List.

James Boyd Robison, son of Mr. and Mrs. David E. Robison, 11126 East Reichling Lane, Whittier, California. Robison, a junior majoring in Mining-metals, has been active at MSM in the Spe-lunkers' Club, Gamma Delta, the Glee Club, the Independents Club, the Men's Residence Hall Association, the American Institute of Mining Engineers, a student as-

sistant in the Mining Department, recipient of the Southwest Lime Company Scholarship, and on the Dean's Honor List. He has received the mining achievement award and the glee club award.

Department of Electrical Engineering, has passed 95 hours with 331 grade points for an overall grade point of 3.48. This past semester he made a perfect grade average of 4.00. He has been on the Dean's Honor List every semester he has been in attendance at Missouri School of Mines and has received the Phi Kappa Phi Book Plate Award. He is a member of the Baptist Student Union.

SCHOLARSHIPS

(Continued From Page 4)

Sigma, has been a student assistant in the Chemistry Department, has received the Phi Kappa Phi Bookplate Award, has been on the Dean's Honor List, a member of Tau Beta Pi and has received

the Gold Key Award.

Dannie Ray Clarida, son of Olen Clarida, Route 2, Marion, Illinois. Clarida received the scholarship which is awarded to an entering freshman each year. He graduated from Crab Orchard High School, Marion, ranking first in his class. He scored in the 99th percentile on the Pre-Engineering Ability Test. During his high school years, he participated in basketball, baseball, and track, was co-editor of the school annual, was a member of the Student Council and was also a member of the Youth for Christ organization.

Personality Column

Homecoming Weekend, two brothers of Alpha Omega Chapter of Sigma Tau Gamma lost their pins. Bro. Paul Ray became pinned to Miss Pat Strothkamp, a student at Drury College in Springfield. Bro. Bill Becher was pinned to Miss Eleanor Orzel, of St. Louis, Missouri.

Last weekend, Bro. David Lum married Miss Carris Wright, of West Memphis, Arkansas.

David Skamenca Receive Award

David George Skamenca, son of David Skamenca of No. 1 Abner, Edwardsville, Illinois, has been named recipient of the Universal Oil Company Scholarship for this academic year at the Missouri School of Mines and Metallurgy. The award is made to an upper-classman majoring in Chemical Engineering.

At MSM Skamenca is a member of the Tech Club, Alpha Chi Sigma, the American Institute of Chemical Engineers, has been on the Dean's Honor List and has received the Phi Kappa Phi Bookplate Award.

A man in good health is always full of advice to the sick.

After fifty you can't afford to disregard the consequences.

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FREE PARKING

Generous Alumnus Aids Phi Kap

Last weekend the Phi Kap pledges held their annual football game and outing with the pledges from Sigma Phi Epsilon. The outing was held on a farm west of Rolla, and after a hard fought game, well earned "refreshments" were served and thoroughly enjoyed by all.


One of the alumni who attended the Homecoming festivities, Mr. Harold Haffner of Hackensack, New Jersey, made a gift of a new refrigerator to the house. Mr. Haffner is an alumnus of the Order of Cardinal Mercier, the name by which the fraternity was known before its affiliation with Phi Kappa Theta. Mr. Haffner is a member of the MSM graduating class of 1935.

Western Electric Gives A Scholarship

Clifford D. Skouby, son of Mr. and Mrs. Delton P. Skouby, High Gate, Missouri has been named recipient of the Western Electric Company Scholarship for this academic year at Missouri School of Mines and Metallurgy.

Skouby, who is a junior in the

SIC FLICS



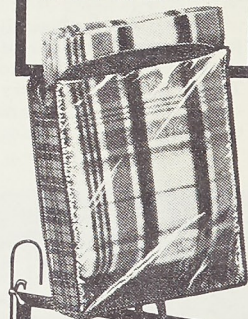
"All I have to do is fly to St. Louis and back and then I'm initiated?"

21 GREAT TOBACCOS MAKE 20 WONDERFUL SMOKES!
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Enjoy Life WITH MILLER HIGH LIFE

and get this beautiful, colorful plastic-encased

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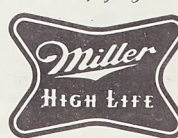


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Brewed only in Milwaukee . . . naturally!



MILLER BREWING COMPANY, MILWAUKEE, WIS.

MSM Recipients of Scholarships Announced

LARRY COOPER

Larry Cooper, son of Mr. and Mrs. Louis Cooper, 9004 Brassie Drive, Overland, Missouri, has been named recipient for this academic year of the Murphy Company Mechanical Contractors and Engineers Scholarship at the Missouri School of Mines and Metallurgy. The recipient is chosen from incoming freshmen who are preferably majoring in the Department of Mechanical Engineering and are entering from an accredited high school in St. Louis or the counties of St. Louis, St. Charles, Franklin or Jefferson in Missouri or the counties of St. Clair, Madison or Monroe in Ill.

At MSM, Larry has been recipient of the Curator's award, on the Dean's Honor List, an officer of the Men's Residence Hall Association, and a member of the Independents Club. Larry has an overall grade average of 3.92 and last semester made all "A's" for a perfect grade point average of 4.

ROBERT STEINKAMP

Robert Andrew Steinkamp, son of Oscar Steinkamp, 5600 Oleatha Drive, St. Louis, has been named recipient of the A. P. Green Fire

Brick Company Scholarship for this academic year at the Missouri School of Mines and Metallurgy. This award is made available by the Company each year to an outstanding senior. In addition the Company presents a medal at graduation to the outstanding member of the graduating class. Recipients are selected on the basis of character, leadership and scholastic attainment.

At MSM Steinkamp has been on the Dean's Honor List, has received the Phi Kappa Phi Bookplate Award and holds a membership in Tau Beta Pi. He is a member of the American Institute of Chemical Engineers, the Independents' Club, Alpha Chi Sigma, the Engineers' Club and Alpha Phi Omega.

Scholarship Awarded By Monsanto

Two recipients have been named for this academic year for the Monsanto Chemical Company Scholarship at the Missouri School of Mines and Metallurgy. The scholarship is taken from a grant provided the school by the Mon-

santo Chemical Company and is based on scholarship, need and personality and made available to students majoring in Chemical or Mechanical Engineering.

Recipients are:

Richard Henry Lalumondier, son of Adam D. Lalumondier, 306 8th, Crystal City, Missouri. Active at MSM, Richard has been a member of the 59'ers Club, the Independents Club, the band, the Newman Club, the Schrenk Chemical Society, has been on the Dean's Honor List and has received a Curators award.

James Daniel Philpott, son of Frank R. Philpott, 550 Warder, Crystal City, Missouri. At MSM James has been active in Kappa Alpha Fraternity, the Society of Automotive Engineer, and has been on the Dean's Honor List.

If you confess that you listen to radio in preference to television, most people put you down as queer.

GENERAL LECTURES

Nov. 15, 1961

Parker Hall

7 P. M. — 9 P. M.

Non-Student Admission

\$1.00

University Dames Hold Annual Fall Tea

An alarm clock is a small mechanical device to wake up people who have no children.

I been readin' where these here psychiatrists say it ain't good for a man to keep too much to himself. I reckon that's how come the Internal Revenue agent's been so cooperative.

When a feller finds himself in deep water it's a good idea for him to keep his mouth shut.

As I was sayin' to Maw th' other day, it's all right to be bent on garden work if a feller could jest straighten up afterwards.

NOTICE

After October 27th, all students must have their permanent ID cards or if for some reason their permanent cards were not available for the first semester, 1961-61, their temporary cards must be validated by the cashier's office for further use after October 27th.

The M. S. M. Chapter of the University Dames, held their Annual Fall Tea Sunday, Oct. 29 from 2 to 4 p. m. at the home of Mrs. Curtis L. Wilson.

The table was laid with a white lace cloth. The centerpiece was an arrangement of bronze, white, and yellow mums, flanked on either side by silver candelabras, which held pale yellow lighted candles. Fancy mints, in pastel shades, and dainty cookies were served on silver trays.

Presiding at the Silver Services were DyAnn Carrell and Shirley Cochran, 1st hour, JoAnn Flip-pin and Sandra DeLarm, 2nd hour.

Forming the receiving line were Mrs. Curtis L. Wilson, Jean Allard, President; Donna Evans, Vice-Pres; Sharon Minton, Secretary; Carol Dyhouse, Treasurer; Betty Willyard, Corresponding Secretary; and Glennett Quinn, Asst. Treasurer.

All girls are reminded to bring their canned goods for the Thanksgiving Basket to be given to a needy family.

The next meeting will be on Thursday, Nov. 9. The program will be on Communism. A film entitled "Defense Against Enemy Propaganda" will be shown, and Mr. Love from the U.S.G.S. will speak on communism.

Whenever a girl is dying to meet a man, ten to one it's hair dye.

"Ask the band to play a fast number. I want to dance with that girl in the strapless dress."

UPTOWN THEATRE

MOVIES IN CINEMASCOPE

Fri., Sat. Nov. 3-4

'The Tall Story'

Anthony Perkins & Jane Fonda

Sun., Mon., Tues. Nov. 5-7

Sunday Continuous from 1 p. m.

'The Honeymoon Machine'

Steve McQueen & Brigid Bazlen

Wed., Thurs. Nov. 8-9

'Ferry to Hong Kong'

Curt Jurgens & Orson Welles

RITZ THEATRE

MOVIES ON WIDE SCREEN

Fri., Sat. Nov. 3-4

Saturday Continuous from 1 p. m.

'House of Numbers'

Sophia Loren & Peter Sellers

—PLUS—

'All in a Night's Work'

Shirley MacLaine & Dean Martin

Sun., Mon., Tues. Nov. 5-7

Sunday Continuous from 1 p. m.

'Return to Peyton Place'

Jeff Chandler & Carol Lynley

Wed., Thurs., Fri., Sat. Nov. 8-11

Admission 20c & 50c

'G. I. Blues'

Elvis Presley & Juliet Prowse

—PLUS—

'Why Must I Die'

Terry Moore & Debra Paget

Career Cues

"Hitch your wagon to a 'growth' industry—and grow with it!"

Douglas Leigh, President
Douglas Leigh, Inc.

"A growth industry is a new industry that is on the way up — moving quickly, expanding fast. When you join a company in one of the growth fields you have something extra working for you . . . you grow up with it. To find out which industry is right for you, try this: Ask someone in a good investment office to give you a list of the industries he considers 'growth industries'. Data

Processing, plastics, and electronics are a few examples. Then pick the one you have a leaning toward, and get the names of the most progressive companies in that field.

One thing I'd like to point out from my own career is . . . a growth industry may also be an old business that's on the verge of new development. Shortly after leaving college I found this situation in the Outdoor Advertising field. What my associates and I did was to employ color, action and motion to dramatically personify the product, brand or services being advertised. In doing so, we developed the modern type 'Spectaculars' that talked, blew smoke rings, soap bubbles, etc. . . signs that changed the face of Broadway and the famous Times Square area.

This is just one example. The really important thing to remember is this: When you set your sights on a career, aim for an industry that is going to grow, so you can grow with it. It's the difference between a rocket that blasts off, and one that just sits there. Good luck!"

Douglas Leigh, a Camel smoker for more than seventeen years, started his career at the University of Florida by selling space in the yearbook. Today, Doug is building the biggest spectaculars of his career in the Times Square area, and is a director of the New York World's Fair of '64-'65.

Plan your pleasure ahead, too.

Have a real cigarette-Camel

THE BEST TOBACCO MAKES THE BEST SMOKE.



R. J. Reynolds
Tobacco Company
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North Carolina

Handball Rules

Handball started last Monday, October 30, and the handball rules are as follows: Entries consist of one single player, two double players, and two alternates.

A game consists of twenty-one points and the best man must win by two points. The best two out of three games takes the match.

To make a legal serve, the server drops the ball to the floor within the service zone, and on the bounce strikes it in such a manner as to cause it to hit the front wall, and on the rebound, land upon the floor in the proper box either before or after striking one of the side walls. If the server fails to hit the front wall, it is an out. If the serve fails to land in the proper box, the receiving team or individual may play that serve or request an alternate serve.

The serving and receiving sides alternate in attempting to make legal returns until one side fails. If the serving side fails, it scores an out. If the receiving side fails, it scores a point for the server. A returned ball which strikes an opponent on its way to the front wall is in play.

All cracks, screens, etc., should be ruled as part of the court and in play. A player is entitled to a fair and unobstructed chance at the ball. All hinders must be settled on court. Court rules may be adjusted by mutual agreement of both teams or individuals before the match starts.

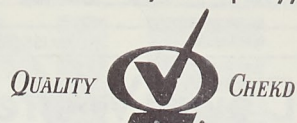
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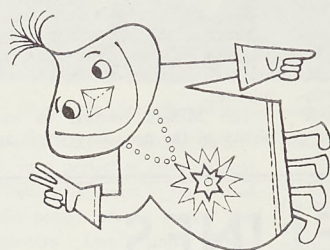
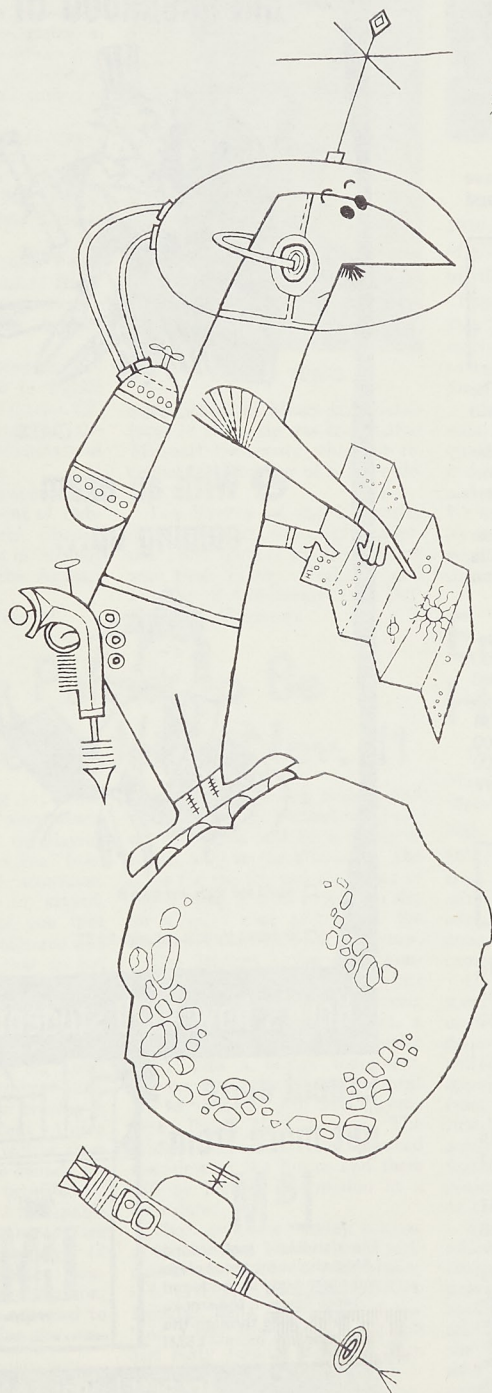
Dr. Friedrich Presents Paper

Dr. John P. Friedrich, an organic chemist at the U. S. Department of Agriculture's Northern Utilization research laboratory, Peoria, Ill., is presenting a paper at the annual fall meeting of the American Oil Chemists' Society, Chicago, Ill., Tuesday, October 31, 1961, on development of a product from linseed oil which has new and unusual physical properties for possible use in plastics and low-temperature lubricants. His work is part of the research to increase the use of oilseeds, such as soybeans, flax and safflower.

Dr. Friedrich received his B. S. (1953) and M. S. (1955) degrees from Missouri School of Mines, Rolla, and his Ph.D. in 1959 from Oklahoma State University, Stillwater. He joined the staff of the Northern Laboratory in February 1959.

As the song says, the wife of Bill Bailey chased him out of the house with no remembrance except a fine-tooth comb. That's the way the song goes today, a revival of long ago. Ever see one, own one?

The difference between writing and dictating is almost as great as the difference between playing the piano and stroking a violin.



how far is "way out"?

Like about 239,000 miles if you're part of "Operation Moonshot" at Ford Motor Company's Aeronutronic Division in Newport Beach, California.

A leader in missile development, Aeronutronic was assigned to build the U.S.'s first moon capsule for the NASA Ranger lunar exploration program. This 300-pound instrumented package will be launched by a larger spacecraft for impact on the moon's surface where it will transmit computed data to earth.

Meanwhile, back on this planet, men and ideas are in constant motion at Aeronutronic, planning scientific breakthroughs which will effectively transform new concepts into practical products for industry and defense.

Aeronutronic has been awarded prime contracts for NASA's "Blue Scout" rocket-space program; the development of test decoys in the Air Force ICBM program; SHILLELAGH surface-to-surface guided missiles for the Army; initial instrumentation planning for the Navy's Pacific Missile Range; and for the Air Force's Far Side project.

Ford Motor Company recognizes the vital relationship of science to national security. Through our Aeronutronic Division supplemented by our scientific research and engineering facilities at Dearborn, Michigan, we actively support long-range basic research as an indispensable source of today's security and tomorrow's products. This is another example of Ford's leadership through scientific research and engineering.



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WATCHES
OMEGA

Miners Down Warrensburg 20-6; Tied For First Place in MIAA Conference

by Dave Woodward

The Miners continued their winning ways last Saturday by defeating the Warrensburg Mules on a rain-drenched field. They waded through the mud to pull themselves up on top in conference standings.

In the early part of the first quarter the Mules put on a drive that set them deep in Miner territory. The Miner eleven managed to hold tight and took over on their own 9, they failed to move and Olson punted down to Warrensburg's 10 and the Mules fumbled with Ombalski of the Miners recovering. After three plays Weigard picked up the remaining three yards and O'Mealy booted one over, putting the Miners out in front by seven points.

CMSC had possession starting the second period and they kept it throughout most of the quarter, and thus moved down the field onto pay dirt where Rinne went over for six. The conversion attempt went wide and the Miners were one point up with four minutes left in the first half.

Neither team found an opening

during this remaining time and the clock ran out with MSM in possession.

The second half opened up with the Miners kicking off. Warrensburg put on a surge of power and was moving good until Voorhis snagged a stray pass and gave the Miners possession. They moved into Warrensburg territory and Weigard picked up the remaining 43 yards for the touchdown. O'Mealy's kick was no good and the Miners were now up seven points with a score of 13-6.

The Mules were stopped once more immediately after the kick-off and forced to punt. MSM received, and was on the move again, when a series of three first downs found them on Warrensburg's seven yard line. Voorhis picked up the remaining yards for six more points. O'Mealy's kick went wide and the score stood at 20-6 at the end of the third quarter.

The fourth quarter showed little advance on the part of either team and the ball see-sawed back and forth throughout the last fifteen minutes.

The Miners seemed to have plenty of the necessary spirit and

strength throughout the game to go on and beat the Warrensburg Mules and put themselves even higher in MIAA ratings. This weekend the Miners will meet Cape Girardeau to play what may prove to be the roughest game of the season.

Kirkville Harriers Run Over MSM Cindermen on Own Course

Thursday the MSM Miners engaged the Kirkville Harriers in a dual cross country meet. The race was the fastest ever run on the MSM course; five men broke the course record and John Brown of MSM broke the school record. The previous course record was 21:56.6. This was beaten by five of Kirkville's runners, the first of which ran the 3.86 mile course in 20:26.6. The Kirkville runners and times are Shepard, 20:26.6; Schneider, 20:35; North, 20:35; Rohrdanz, 20:45; Waddle, 20:54.5. The Miners will run against these men again in the conference meet November 11, in Warrensburg.

1 J. Shepard	NMS-20:26.6
2 E. Schneider	NMS-20:35
3 J. North	NMS-20:35.3
4 T. Rohrdanz	NMS-20:45
5 F. Waddell	NMS-20:54.5
6 J. Brown	MSM-21:25
7 S. Tompson	NMS-21:51
8 B. Martin	NMS-21:52.5
9 L. Sheets	MSM-22:01
10 B. Erickson	MSM-22:16
11 C. Stergas	MSM-22:46
12 M. Patrick	MSM-22:52

The Miner total was 48 points while Kirkville scored only 13 on their first five men.

ANSWER: That which comes naturally at the other end of a question.

SIDELINES

by Gary Strebel

Tomorrow, Parents' Day, will be another big day for The Miners' football team as they meet Cape, in an attempt to remain one of the conference leaders.

From all indications of past games, the Miners should have a decisive advantage. However, the Indians have made an attempt to improve their offense by bringing up to their first string a new quarterback, Jim Collins.

At the present the Miners are tied with a strong Kirkville Team for the MIAA conference lead. Next weekend we travel to Kirkville where the tie would be broken in the event each team wins its game tomorrow.

Here are the MIAA conference standings:

TEAM	W	L	Pct.
M. S. M.	3	0	1.000
Kirkville	3	0	1.000
Cape	2	1	.666
Warrensburg	1	2	.333
Springfield	0	3	.000
Maryville	0	3	.000

Let's have a real good showing and support these men who are doing a tremendous job in bringing recognition to MSM.

Miners Over-run CMSC Harriers

Central Missouri State College played host to the Missouri School of Mines Cross Country Team Saturday October 28. The C. M. S. course was a long hard four mile, and unlike most courses, no parts of the course were run on twice. Around hills and through numerous gullies the course snaked its way. Although the Miner Harriers have run harder courses, the odds were against them on this one; four inches of rain the previous night left the trail four miles of mud. John Brown, the star Miner runner, was unable to run due to an initiation the night before. At the finish line, after noses were counted, the results clearly showed that the Miners had chalked up another victory . . . by one point.

1. Gordon Johnson, C.M.S.	23:10
2. Jim Davis, C. M. S.	23:43
3. Les Sheets, M.S.M.	23:59
4. Bill Erickson, M.S.M.	24:04
5. Con Stergas, M.S.M.	24:07
6. Morris Patrick, M.S.M.	24:18
7. Don Welsh, C. M. S.	24:47
8. Harry Carlton, C. M. S.	24:51
9. Jay Waring, M. S. M.	25:10
10. Dan Sherman, C. M. S.	25:53

The final score was Missouri School of Mines 27, Central Missouri State College 28. The score is the total of the places of the first five men on each team so the low score wins.

Check your opinions against L&M's Campus Opinion Poll #9

① Has the Berlin crisis increased the likelihood of military service for you?



☐ YES

☐ NO

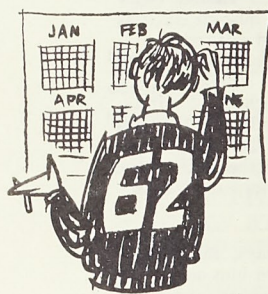
② With an exam coming up...



☐ would you study and get a B

☐ or keep a big date and settle for C?

③ How long have you been smoking your present brand?



☐ less than 1 month ☐ less than 1 year ☐ more than 1 year

Here's how 1029 students at 100 colleges voted!

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① Yes	70%
② Study date	60%
③ Less than 1 month	9%
③ Less than 1 year	21%
③ More than 1 year	70%

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