



22 Apr 1949

## The Missouri Miner, April 22, 1949

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# THE MISSOURI MINER

Missouri School of  Mines & Metallurgy

VOLUME 35

ROLLA, MO., FRIDAY APRIL 22, 1949

NUMBER 26

## Miss Irene Mathews To Reign As Queen Of Military Ball

### ASME Annual Festivities Day May 7

The lovely Miss Irene Mathews has been chosen by the members of the American Society of Military Engineers to reign as queen of the annual military ball to take place May 7 at Jacking gymnasium.

The daughter of Mrs. Viola Jackson, Miss Mathews is 19 years old, and a resident of Rolla. She attended Rolla High School from which she graduated in 1947. At present she is employed as a stenographer at the Rolla Airport.

Irene is a demure lass whose winning personality may be attributed to a sweet smile which is as warm and as bright as a summer sun. She is well known to Students of the School of Mines, and her selection for this honor attests her popularity. This is one colonel who will have not the slightest trouble commanding the attentions and respect of her command.

In the vein of the modern girl, Irene loves the outdoors and takes part in all types of physical recreation. Her prowess in this line is evidenced in the fact that she was captain of the girls basketball team in high school, but the sport in which she excels and enjoys most is swimming. She may often be found in the summer months at the Rolla pool, her slim body sliding smoothly through the cool water. She took part in the beauty contest which was held there last year.

In the domestic line, Irene measures up to the most exacting male. She takes great pride and pleasure in working about the home, and plans for her future include a lifetime occupation in this line. Making her own clothes is an accomplishment she has found both useful and interesting, and cooking is a must as the shortest way to a man's heart. Chocolate cake is her specialty.

This summer Irene will add horticulture to the growing list of her talents. She has laid plans for an active and productive vacation of gardening at the family club on the Gasconade.

Add to this an innate desire to please, and a fun-loving personality that leaves bright memories of the darkest moments, and Irene becomes a queen worthy of the royal reception of her subjects to be given when she accepts her throne.

## STUDENT REACTION FORM LIMITED AT WESTERN MICHIGAN

Kalamazoo, Mich. (I. P.)—Warning that over-use of student reaction forms, which give students a chance to express reaction to the instruction they receive at Western Michigan College of Education, would decrease the effectiveness, a faculty committee recommends that reaction sheets should be used about once every three years in each course taught.

Dr. Leonard C. Kercher, sociology department head and chairman of the faculty committee, declares that he found the system very effective in the years during which it has been in use in his department. He feels that it can be a success if both the faculty and the students are willing to cooperate.

The use of student reaction forms here is completely voluntary on the part of individual instructors. New instructors and faculty members offering new courses would especially benefit from the program, the committee feels.



## ROLLAMO TO BE ISSUED ON SCHEDULE THIS YEAR

The Rollamo board has announced that for the second year in succession publication of the yearbook will be on schedule, thus belying the fears of all interested Miners. Assembly of the book has run well ahead of the established schedule all year, and now all that remains to be done is binding and distribution.

The books will arrive in Rolla on May 14, and distribution is scheduled to begin the following Monday. All students who have paid the necessary fee at registration may obtain their copies in Parker Hall between the hours of 8 and 4 on May 16, 17, and 18.

Students who will be on senior trips at that time may receive their copies on the afternoon of May 23 or graduating seniors will be presented their yearbooks on May 30.

Again this year it was found unnecessary to include advertising to meet the budget while at the same time the number of pictures and pages has been increased to enhance the interest and value of its contents. This issue has been eagerly awaited by the students, and a rush is expected for the first day of issue. The Rollamo board has requested that all students entitled to a book please try to get their copy on the days planned for issue.

## TAU BETA PI ELECTS NEXT YEAR'S OFFICERS

At their regular meeting Tuesday evening, the members of Tau Beta Pi, National Scholastic Honor Fraternity, elected new officers to serve for the forthcoming year. Some difficulty arose in the fact that there were not enough veteran members to fill the higher offices for that length of time, consequently it will be necessary to hold another election next January to fill the unexpired terms of the president and the corresponding secretary.

The men who will take offices at the next meeting are: President.....Lewis Agnew Vice President.....Stuart Brownner Recording Secretary.....Bill Raulk Corresponding Secretary Ray Maag Treasurer.....Ralph Andreasen Cataloguer.....Tony Edgington Faculty Adviser.....Bill Simpkins

Low Agnew, as president, and Stu Brown, as vice president, were elected to the position of delegate and alternate respectively to attend the national convention next Fall at Purdue University. One faculty advisor is elected each fall for a period of four years, and Bill Simpkins of the Mechanical Department was unanimously chosen as a reward for the intense interest he has shown in the organization.

## MINERS PASS BEFORE REVIEWING STAND, HEAR CLOSED SECTION

Throughout the history of the human race, there have remained in the dusty pages of some books certain dynamic phrases of despair and defeat which reflect tragedies, whether they be wars, floods, famines or political uprisings. The Mexican soldiers who first heard the famous cry "Remember the Alamo" died soon after. Whoever yelled, "Don't shoot till you see the whites of their eyes" might have used the expression because he had nothing more powerful than an air rifle, but it became a classic battle cry. And so on through history we find similar words. But these sayings of the misty past fade into nothingness upon the mention of the phrase which has lately come to mean the very bottom of despair, at registration time, "Closed Section" strikes fear and panic into the hearts of all those who have spent painful hours jigsawing a schedule into a form that would pass the multitude of careful eyes. The Miners passing before the "reviewing stand" in Parker Hall are in worse shape than guys after a two day stay in a maternity hospital waiting room. "Closed section" seems to be comparable to flunking out of West Point; of being late to your own wedding. Washed up, that's what it means. The expressionless face of the girl at the table tells you of the fact in the manner of a ranch hand branding cattle. How can you face the future? You visualize more red tape than on a Royal typewriter, and you are probably right.

So what can you do about this situation? Join the Coast Guard? No, you must stand up and face the cruel blows of fate, and remain strong in the presence of its opposition. Gee, life is really rough, ain't it?

With the opportunities for hearing good music as limited as they are at Rolla, the concert alone would rate as a fine weekend program; the added attraction of an evening of dancing and dancing competition makes it a weekend that no Miner will want to miss, and each and every Miner should make a special effort to attend the concert and to make the evening as pleasant as possible for our guests from Stephens. Don't forget; concert at 7:30, dance at 9:00.

## HOUSE OK'S \$1,694,000 MSM APPROPRIATION FOR 1949-51 BIENNIAL

Bill Allotting Funds for Missouri Schools Now Goes to State Senate

In its final appropriations bill, the House of Representatives yesterday approved \$1,694,000 for the School of Mines and sent the measure to the Senate for action. This amount was included in the bill which allots \$22,607,732 for operating Missouri's universities and colleges the next two years.

The House bill provides \$900,000 for personal services, \$470,000 for operations, \$300,000 for additions, all out of the general revenue, and \$24,000 out of MSM funds and earnings.

Increase of \$344,000 This represents \$344,000 above the amount appropriated for the previous two-year period. The appropriation for MSM's big building program is not included in this measure.

As the bill goes to the Senate, here is what the other state schools would receive:

University of Missouri at Columbia — \$10,411,400 including \$750,000 for education of crippled children.

Lincoln University at Jefferson City — \$2,128,570 including \$113,000 to operate the Negro vocational school at Dalton.

Funds for State Colleges

Northeast Missouri State at Kirksville — \$1,305,079.

Northwest Missouri State at Maryville — \$1,264,936.

Central Missouri State at Warrensburg — \$1,383,714.

Southeast Missouri State at Cape Girardeau — \$1,333,065.

Southwest Missouri State at Springfield — \$1,556,748.

While these appropriations are for the two-year period, starting July 1, the Senate has indicated it may approve the funds for a single year period.

## To All Officers of Technical Societies

There will be a meeting of the MSPE Directing Committee this Monday, April 25, at 5:00 PM in the auditorium. Be sure YOUR representative is there!

## 140 GIRL CHORUS FROM STEPHENS TO SING AND DANCE FOR MINERS SAT.

The Special Lectures Series will present a program tomorrow evening which is sure to gladden the heart of every Miner and make studying a little easier to bear. This program will be a vocal concert, featuring a 140-voice girl's chorus from Stephens College. It is not known what selections are to be sung because the concert programs will not be available for distribution until late tomorrow afternoon, but a varied and well-balanced concert is expected which will be presented at 7:30 P. M. in Parker Hall. All those who plan to attend are advised to arrive early, as an overflow audience is anticipated.

The girls are to be the guests of the social fraternities for dinner, after which they will present their concert. At 9:00 P. M., the audience and the entertainers alike will head for the gymnasium where the Independents, in cooperation with the Student Council, have planned a gala dance. The music will be supplied by Eddie Soxman and his eight piece orchestra, who will play from 9:00 P. M. to 1:00 A. M. A feature of the dance will consist of a series of dancing contests. Waltzes, rumbas, foxtrots, jitterbug, together with a category terbug; all will be in the spotlight only as "you name it". Admission has been set at 50 cents a head, stag or drag which is quite reasonable, considering the 140 reasons for attending that are mentioned above.

With the opportunities for hearing good music as limited as they are at Rolla, the concert alone would rate as a fine weekend program; the added attraction of an evening of dancing and dancing competition makes it a weekend that no Miner will want to miss, and each and every Miner should make a special effort to attend the concert and to make the evening as pleasant as possible for our guests from Stephens. Don't forget; concert at 7:30, dance at 9:00.

## DATING PRIVILEGES EXTENDED AT GIRLS SCHOOL IN GEORGIA

Decatur, Ga. (I. P.)—Increased dating privileges have been extended to freshmen at Agnes Scott College this semester. Miss Scandrett, dean of students, explained to freshmen that "increased responsibilities are given to each class as it shows ability and maturity to assume them."

Changes in freshmen dating rules as explained by Dean Scandrett are: (1) Single dating in the afternoon on the trolley; (2) Double dating in the evening on the trolley with any boarding student; (3) Double dating in a car at any time with any boarding student, provided they are going to a destination and keep within a restricted area prescribed by authorities; (4) Senior chaperonage is no longer necessary unless a freshmen wishes to date in a car outside the restricted area or wishes late permission.

Sophomores also received the privilege of single dating until 11 p. m. with the understanding that no plans can be changed after leaving the campus. Dean Scandrett reminded the groups that the privileges were group privileges and would automatically be taken away if misused by any individual.

## ADDITIONAL COURSES MADE AVAILABLE FOR SUMMER STUDENTS

The Registrar's office has announced that several new courses have been added to those already being offered for the summer term. If any student desires to add these courses to his summer schedule or to make changes in his schedule, he can call at the Registrar's office and make the necessary corrections at any time next week.

The additional courses being offered are as follows:

Chem 13 - Clay Analysis-Tu, Th 9

Chem 14 - Clay Analysis Laboratory-Th, F 1-5, S 8-12

Chem 267-Chemical Engineering Thermodynamics-to be arranged

Geology 113-Physical Mineralogy-M, T, W, 1-5

Met 159-Metallurgical Practice-M, T, W, T, F, 9, T 7

At the end of last week it was announced that 767 students had preregistered for the summer term, this being about 75% more than the survey sheets which appeared in the Miner showed.

## HOW TO MAKE A QUICK MILLION! MAKE A MOON ROCKET FOR PEOPLE

Developing a man-carrying rocket capable of being flown to the Moon and back would be an engineering task roughly equivalent to designing a super aircraft carrier, and would probably require a rocket about 500 feet long and weighing about 2000 tons, a General Electric engineer said today.

Warning that the prospect of an inter-planetary rocket is "highly improbable because of the fantastic cost and the engineering problems," he asserted that if the national security depended upon it, the job could probably be done.

The engineer, Dr. R. W. Porter, of the G-E Aeronautics and Ordnance Systems Divisions, said that to escape the gravity pull of the earth, the rocket would have to streak away from the earth's atmosphere at about seven miles per second, or roughly 25,200 miles per hour.

An ordinary single-stage rocket, such as the V-2 which has attained an altitude of 114 miles, would lack the necessary push to free it from the earth's pull, Dr. Porter said.

A two-stage rocket, however, could probably break free of gravity, he added. He described a two-stage rocket as a sort of "duplex" in which a smaller rocket is carried by a larger one until the larger has used all its fuel. It then drops off and the smaller one continues under its own power.

A man-carrying two-stage rocket able to reach the Moon and return would stand as high as a 35-story building and would weigh about 2000 tons, about 140 times as much as the current V-2 rockets, he said. Fuel alone would account for about six-sevenths of the rocket's total weight, he explained.

A more probable development, though still not in the immediate future, according to Dr. Porter, is a pilotless rocket-camera which could photograph the other side of the Moon. Such a missile might weigh less than 100 tons, he added.

It is also possible, the G-E engineer said, to create man-made satellites which could serve as television relay stations in space. These missiles whirling around the earth at about 18,000 mile per hour, which is just enough to counteract gravity, might also give information valuable to nuclear physicists, he said.

He discounted the commercial use of rockets, explaining that it would probably cost at least ten thousand dollars to transport

## Dr. Wilse Webb, Speaker At Theta Tau Lecture Series

### F. W. GREEN HEARD AT MSPE MEETING

by Ralph Johnston

Continuing with its policy of presenting to members distinguished speakers and personalities, the Missouri Society of Professional Engineers last Tuesday evening listened to and thoroughly enjoyed a speech by "Colonel" F. W. Green, President of the St. Louis Southwestern Railway Lines (The Cotton Belt Route). Col. Green spoke to the group about his experiences with engineers and engineering, and, as he is a graduate engineer, he completely convinced his audience of his practical knowledge of all phases of the engineering profession. Col. Green said that the members of many professions today must meet certain requirements before they may enter practice. Medical doctors must pass an examination; lawyers must pass the bar exam. Even barbers must be licensed. Engineers have been rather late in this recognition. Years ago any time engineering. But now, due one with a slide rule could urac to the registration program and other factors, the status of engineers as professional men is being improved. Col. Green strongly suggested registration as a need.

step of value to any young engineer. Professor Butler told the group of Col. Green's receiving of an honorary doctorate degree from the School of Mines in 1940, and of his present office of first vice-president of the MSPE state organization.

The president of the student chapter, Warren Hagan, made some general announcements of interest to all MSPE prospective and present members. A cash gift of five dollars will be made to the technical society on the campus having the largest percent of their graduating class take the registration exam in May. Also, if you have any suggestions or criticisms for the engineer in training program as now set up, let the MSPE know by sending a card to Hagan at R-6 MSM. Warren Hagan also emphasized the point that the cost of the exam is five dollars, which you pay when you take the exam. Four years later you will taken an experience exam costing ten dollars, after which you will then pay another ten upon passing of the second exam. You pay only dollars now.

### EDWARD LAIRD ELECTED PRESIDENT OF KERAMOS

Last Wednesday night, the annual election of the Keramos Fraternity was held in the Experiment Station Building, at 7:00 P. M. The new officers for the next year, are as follows:

President, Edward Laird Vice President, Don Heath Secretary, Jack Williams Treasurer, Bernard Eck Herald, Dean Shopper

In addition to the election, final plans were made for the presentation of a key to Professor F. H. Norton, at the American Ceramic Society Convention. The convention will take place next week in Cincinnati, and the key will be presented to Professor Norton at the Keramos dinner.

The meeting was closed with the presentation of a cash award to Dean Shopper, for his first place theme on the subject of "Why I Chose Ceramic Engineering."

Indignant woman to luscious-looking librarian: "Funny you don't have that book. My husband said you had everything."

### Edwin Long Site of Banquet and Talk

Dr. Wilse Webb will be guest speaker at the Theta Tau sponsored banquet to be held at the College Inn of the Edwin Long Hotel this Sunday evening, at 6:30 P. M. His speech will be entitled "The Role of Psychology in Human Engineering Programs." This program is open to everyone wishing to attend. The cost will be \$1.00, which is merely to cover the cost of the dinner. At present, Dr. Webb is Assistant Professor of Psychology at Washington University. In addition to his professorship, he serves as Clinical consultant with the Veterans Administration and is the author of 19 publications dealing with various phases of psychology.

This will be the first of a series of lectures, dealing with the aspects of human engineering, to be sponsored by Theta Tau. This type of lecture is entirely new to the campus of MSM, and was begun by Theta Tau with the purpose of benefiting the entire student body.

The consensus of most personnel executives is that the engineer is an introvert, with respect to his activities outside of engineering. This situation has prevailed for years, but only a few individuals and organizations have attempted to correct it. Thus, Theta Tau is attempting to remedy the situation, by embarking on a series of human lectures, here, on the MSM campus.

In the future, speakers will be obtained that are noted men in the fields of personnel work, business, law, labor, politics and many other important fields of interest.

Tickets for Dr. Webb's lecture can be obtained from any Theta Tau member or pledge.

## PERFECT ENGINEERING STUDENT, OR POINTS ARE NOT COLOR SENSITIVE

Here, in my opinion, are the qualities a man must possess to make a good engineering student:

He must be a man of ambition and vision, must attend classes all day and study all night and appear fresh the next day. He must learn to sleep and listen to lectures simultaneously and eat his meals quickly in order to economize on time for studying the next day's assignments.

He must be able to entertain the instructor's wives (along with the instructors), bachelor instructors and single female instructors; inhale theory, walk through 12 feet of snow and mud at 10 below zero and work in school all summer without perspiring or acquiring B. O.

He must be a lady's man, man's man, model husband, a fatherly father, a devoted son-in-law, a good provider (or his friends won't help him with a difficult problem), a plutocrat, a democrat, a new dealer, an old dealer and ESPECIALLY a fast dealer; a technician, an electrician, a politician, a mathematician, a polytechnician, mechanic and ambidextrous.

He must have (by some means) finished high school; be married or single; have the necessary juggling ability to make up the small outstanding marks the instructors don't have time to consider; and unlimited endurance.

A wide range of telephone

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## THE MISSOURI MINER



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## EDITORIAL

Education today has a different meaning than that of twenty or thirty years ago. College, universities, and the educators who set their policies are awaking to the fact that "book learning" is not enough. If the college graduate is to be fitted to meet life, its problems, and its triumphs, and to surmount them in such a manner as to benefit both himself and mankind, he must achieve his development in the business of living in the most formative years of his life...his college career.

Never before in the history of the world have there been as many college trained men as there are today. As man develops in knowledge and stature, so also develops the need of further knowledge and evolution. The world looks to the college man to lead.

We are indeed fortunate to be permitted to attend a fine technical school as is this institution. We grieve about the heavy loads and large schedules we are required to carry, but at the same time we like to brag about them too. In far too many cases, these heavy schedules are defeating their purpose. Students are frightened away from any extra activities that require a little time and work. There are many worthy organizations on this campus that will prove both beneficial and enlightening to the man who takes an active part in them, but too few are willing to assume the extra burden.

In a situation such as this, it is gratifying to note the enthusiasm shown for the Theta Tau sponsored Human Engineering program to begin this Sunday. The response of eager students shows that they have recognized their own need and shortcoming, and to this end the battle is half won. Here is opportunity for every student who is interested in his own future to start building the foundation of his development for a useful existence. It is a fine thing that Theta Tau has done in making this program available to the students, and the reward they reserve is the whole hearted support of every student enrolled in the school.

COUNTS, NOACCOUNTS  
AND DISCOUNTS BY THE  
DUKE OF MARSHMALLOW

by Bob Johnson

Hello to you one and all. Hope that this little bit of sense and non-sense finds you all in good health and spirits.

As the smoke clears, and the dust of this last week begins to settle, it has suddenly dawned on this kid that it is now just about a quarter to May, and that it is almost time to ask myself what the devil I did with April. Hope your answer to that is better than mine.

About the greatest topic of discussion of the last few weeks is the boxing and wrestling tournament that we saw a week ago. I really have to admire the boys that fought the first two nights and, though tired and sore, had the type of stuff it takes to climb into the ring on Friday night.

It was quite encouraging to note the spirit and enthusiasm that the student body and faculty showed at these three shows. That is the sort of spirit that we have dreamed of seeing around here for quite some time.

The award for the 'Marshmallow of the Week' goes to the twosome of Sam Sample and Jim Soren who on Friday night put on the most beautiful boxing exhibition that this kid has seen in quite some time. The boys were well matched and really hammered it out for every minute of every round in the 165 lb class.

Also notable was the combination of Otto and Manocchio in the 155 lb class, who weren't exactly kidding either.

I believe that the Athletic Department officials are to be commended on their wise choice of heavy gloves for the boxing events. These gloves spread the force of the blows over a larger area causing less damage and giving more knockdowns and fewer knockouts—resulting in a much more exciting time for those fans who want to see the tops in good clean sport.

Well, Spring is just about here, and as you know—in the Spring a young man's fancy lightly turns to thoughts of the coming finals, and a few other minor things. I trust that none of you have forgotten that the Miners will wrestle with 140 Glamazons from Stephens College tomorrow night to the strains of Ed Soxman's octet. This should definitely be a most exciting evening as all of the Stephens College gals are queens. Those in doubt can get the word on this simply by asking them. I trust I'll see you all there.

One of the most nonsensical but humorous jokes that I have heard of late is the one about the goose that got on the subway and got peeped five times.

Theta Tau certainly deserves a marshmallow for their planned Human Engineering Series if the series is as fine as it sounds. I wouldn't miss it for the world, and hope I see you there Sunday too.

Many of the seniors have been just about knocked off their feet by the stampede of insurance salesmen that has been so active these last few days. How about that? That is just one of the many unfortunate situations with which the poor seniors must cope. I pity youse guys (oh heck yes).

As George Santayana put it: Life is not a spectacle or a feast; it is a predicament.

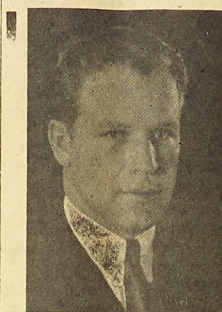
—To get nowhere—follow the crowd.

Guess that's 30 for this time—see you soon.

Duke of Marshmallow.

MEM  
MINER MEMOS

Well known grads from MSM are now located over the entire country and most of the world. Of these, many have scored successes in the petroleum industry. Karl F. Hasselmann belongs to



this group of men. Hasselmann, who graduated in 1925, is now president of the Salt Dome Oil Corporation of Houston, Texas.

Besides being so far up the line in the oil industry, he has just completed his term of office as president of our Alumni Association. His interest in activities of all sorts at the present time seems to be an extension of his interest while at MSM. During his college years he was active in Sigma Nu and Theta Tau fraternities, and in track and football, becoming captain of the football team while here.

This Sunday will mark the first in a series of "human engineering" programs sponsored by the Missouri Mines chapter of Theta Tau. This fraternity is the national engineering fraternity, and is providing these lectures and banquets for the interest of the students. The "human" side of our profession will be explained by Dr. Wilse Webb, well known St. Louis psychologist. See a member of Theta Tau today...only a dollar off your ticket.

Turbo-Encubulator  
Designed For Use  
In Modern Industry

For a number of years now work has been proceeding in order to bring perfection to the crudely conceived idea of a machine that would not only supply inverse reactive current for use in unilateral phase detractors, but would also be capable of automatically synchronizing cardinal grammeters. Such a machine is the "Turbo-Encubulator." Basically, the only new principle involved is that instead of power being generated by the relative motion of conductors and fluxes, it is produced by the modal interaction of magneto-reluctance and capacitive direct-ance.

The original machine had a base-plate of prefabricated amulite, surmounted by a malleable logarithmic casing in such a way that the two spurring bearings were in a direct line with the pentameric fan. The latter consisted simply of six hydro-coptic marzenavanes, so fitted to the ambifacial lunar waneshaft that side fumbling was effectively prevented. The main winding was of the normal lotus-o-delta type placed in panendemic semi-boloid slots in the stator, every seventh conductor being connected by a non-reversible tremie pipe to the differential girdlespring on the "up" end of the grammeters.

Forty-one manestically spaced grouting brushes were arranged to feed into the rotor slip-stream a mixture of high S-value phenylhydrobenzamine and five percent remanitive tetryliodohexamine. Both of these liquids have specific pericocities given by  $P=2.5Cn6.7$  where  $n$  is the diathetical evolute of retrograde temperature phasedisposition and  $C$  is Cholmondeley's annular grillage co-efficient. Initially,  $n$  was measured with the aid of a metapolar refractive pillfrometer (for a description of this ingenious instrument, see L. E. Rumpelverstein in "Zeitschrift fur

Electrotechnistatsch - Donnerblitze" vol. vii), but up to the present date nothing has been found to equal the transcendental hopper dadoscope. (See "Proceedings of the Peruvian Academy of Skatological Sciences" 1914.)

Electrical engineers will appreciate the difficulty of nubing together a regurgitative purwell and a supramitive wessel-sprockers. Indeed, this proved to be a stumbling block to further development until, in 1942, it was found that the use of anhydrous nangling pins enabled a dryptomatic bolling sham to the tankered.

The early attempts to construct a sufficiently robust spiral decommutator failed largely because of a lack of appreciation of the large quasi-piestic stress-ess in the gremlin studs; the latter were specially designed to hold the roffit bars to the spamshaft. When, however, it was discovered that wending could be prevented by a simple addition to the living sockets, almost perfect running was secured.

The operating point is maintained as near as possible to the h. f. rem peak by constantly fromaging the bitumogenous spandrels. This is a distinct advance on the standard nevelsheave in that no dramecock oil is required after the phase detractors have remissed.

Undoubtedly, the turbo-encubulator has now reached a very high level of technical development. It has been successfully used for operating nofer trunions. In addition, whenever a barecent skor motion is required, it may be employed in conjunction with a drawn reciprocating dingle arm to reduce sinusoidal depleration.

(Reprinted from the Engineer and Scientist, January 31, 1949 issue).

## As A Miner Sees It

I didn't see many Miners at the Easter Sunrise Services, and I must say you really missed something. It was very beautiful and the Rolla High School Choir did an exceptional job.

With Easter weekend here, it was rather hard to find any sensational news, but I did get a little word about Ray Evans and his daughter's easter egg hunt. It seems that she was out to win a little rabbit that the old man didn't want. When she didn't win, his fraternity brothers at Triangle helped the situation along by giving him a male and female rabbit. Happy Easter, Ray and may your bunny farm be a profitable one.

It seems that some joker asked a member of the St. Pat's Board what the SMM on the sweater meant. I have it on authority that these famous call letters mean Super autoMobiles for Members. That right Bailey?

Art Shaver of the Sig Ep house really hit the jackpot last week when he got six Easter Cards from the same woman. Boy, she really is eager. Does she have your pin yet, Art?

I just got a hot tip that Will Dallam of the KASTe talks in his sleep. Heard something about "Opal—I love y&a". She must be one of his long lost loves because his fiancée doesn't answer to that name.

Over Easter, the boys from the Sigma Nu House had a nice quiet little party at the Candelight. That's sort of out of your class isn't it?

Question of the week—How did Horton of the EE Department ever get that Tau Beta Pi key? From all that display of knowledge he puts forth in class, he must have bribed the president. I guess they just don't have as good an engineering school at Arkansas as we have here at Rolla.

Apologies to Doc Cooley and Doc Grawe—I don't have anything to say about you this week, which all brings to mind a little poem I heard once, many years ago. It was told to me by an Arab over 5000 years old. It goes like this:

God made a machine,  
The machine made men,  
Doctors, lawyers, priests,  
And then.....  
The devil stepped in,  
And stripped the gears,  
And turned out the first batch

of engineers.

In closing, I just want to bring to mind a little story I heard about one of our illustrious juniors. It seems he told his sweetheart—"I am groping for words."—She: "Well, you won't find them there."

That's about all for now, I'll see tomorrow night at the Stephens Choir dance.

—The Old Miner

## Man Rocket to Moon

(Continued from Page 1)

one passenger from New York to Cairo.

Dr. Porter expressed his views in a paper, "Rockets—1949," prepared for the "Bridge," a magazine published by the professional electrical engineering fraternity, Eta Kappa Nu. He is associated with the rocket research program carried on by General Electric for the armed forces and was chosen as "engineer of the year for 1944" at the first postwar meeting of Eta Kappa Nu held last year.

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Sig Ep Miner 49'er  
Dance April 30

On April 30, the Sig Ep house will be shaken to its foundations by the stomping of feet at the Sig Ep Miner 49'er Dance. Elaborate decorations are under way thanks to the efforts of the social committee. The dance will be preceded by a picnic Saturday afternoon on the Gasconade River. Since the theme of the dance is of the gold rush days, costumes will be those of true Miner 49'ers. All those attending are guaranteed a rip-roaring time.

## HARVEY'S TAVERN

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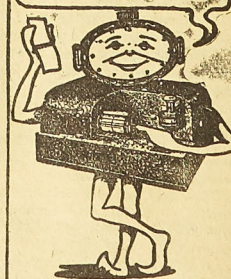
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# Kappa Sig Boxers, Lambda Chi Wrestlers Take Tournament Springfield Bears Tamer Than Washington Bruins Is Forecast

## TRIANGLE RUNNERUP IN BOXING CHAMPIONSHIP

Two knockouts and two T. K. O.'s were on the program Friday night as the 1949 Intramural Boxing and Wrestling Tournament came to a furious close, but the evenly contested middle weight divisions produced the outstanding action of the evening and of the tournament.

At 155 pounds, thrice champion Dick Otto of Triangle forged ahead in the second and third stanza after splitting the first round even with Paul Manocchio of Sig Ep. Manocchio showed superior boxing ability but the aggressive Otto kept boring in and retained his title by virtue of his remarkable endurance as the challenger wilted in the final round.

The 165 pound boxing final was a battle from start to finish, with Sam Sample of Triangle winning a tough one from James Savens of Kappa Sigma. Sample maintained a slight edge in the first two rounds, and won the third one by a good margin, but was forced to his best efforts throughout the fight by the aggressive Savens. An accidental foul by Savens in the second round removed all doubt of the outcome in the latter stages of the battle.

At 175 pounds Gene Stifel of the Engineers Club took another close one from Dick Simpson of T. K. E. The first and third rounds were remarkably close, with the first going to Simpson, and the third to Stifel by a slight edge. In the second round however Stifel scored a knockdown over his opponent, and took a decisive lead as his opponent showed signs of tiring in the latter part of the round. Action throughout the bout was remarkably fast for the weight, and though both boxers caught a heavy total punches, neither was in serious trouble at any time.

Will Theerman of Sigma Nu, coming back strong after a particularly rugged session with Shoepel of TKE on Thursday night, scored a clean one-round kayo over Bill Gammon of Kappa Sigma in the heavyweight classic. The fight was interrupted when the heavies broke down the ring during an exchange on the ropes, and was resumed after the wreckage was removed. Theerman scored quickly during the first flurry of action and dazed his opponent, who took an 8 count before resuming action. A few seconds later Gammon stopped a right cross and went down for the count.

Marty Hobelman ran his string of tournament championships to four with a first round koya of Marino Frechia in the 135 pound division. After an even exchange early in the round Frechia was dazed by a left hook. A few seconds later Hobelman scored with another of his portside haymakers and Frechia slid down the ropes for a nine count. He gamely struggled to his feet but was unable to resume the fight.

One of the biggest surprises of the tournament was offered by Bill Dare of PIKA who battled his way past Hulon McDaniels and Murray Schmidt to

## FIVE WRESTLERS PINNED IN MAT CHAMPIONSHIPS

Friday night saw the changing of hands of the wrestling championship. Lambda Chi Alpha had 46 points to the defending champions, Theta Kappa Phi's 38, the Sigma Nu fraternity came in third with 25 points, Lambda Chi had five men in the finals Friday night, 3 of them winning out, while Theta Kap had four men in the finals with three champions. The race was very close until Thursday night when Lambda Chi got a buy from McClinton of Sig Ep in the 145 lb division, who couldn't wrestle because of an infected ear, and when the referee stopped Sindelar's fight with the favored Charlie Palubiak of the TKE house, because of a broken blood vessel in his eye.

Harold Crane of Theta Kappa Phi pinned Bob McCleane of Sigma Phi Epsilon in the first round of the 118 lb championship fight. Thursday night Crane won on a decision from Sigma Nu's Bill Obershep.

Sigma Nu had a good bet with their Bob Chappell against last year's 136 lb champ from Theta Kappa Phi, Tom Herrmann. These two fellows put on a good wrestling match with Chappell holding the edge all of the way.

In the 135 lb class Lambda Chi had their first winner with Bob Stauder. He beat John Cook of Sigma Nu on a decision. Wednesday night Stauder pinned Zenik of Triangle and Thursday he pinned Bob Gray of TKE.

Leon Castley of the Engineers Club was pinned in the last round by Bill Gray from Lambda Chi. His fight was close all of the way with no one holding any great edge. Wednesday Gray pinned Finegar from Tau Kappa Epsilon and Thursday he drew a buy from McClinton.

Dale Henieck, last years champ from Lambda Chi was on top all of the way but just couldn't pin Ivor Pounds from Sigma Nu in the 155 lb weight. Henieck won the decision which gave Lambda Chi their third championship. Thursday night Lyman Van Buskirk of TKP was pinned by Henieck in the second round.

Harry Fitzgibbons of Theta Kappa Phi didn't waste any time with Lambda Chi's 165 lb contestant, Less Miller. As a matter of fact, Fitzgibbon pinned him in the first round. The TKE's Pohlman was also pinned by Fitzgibbon Thursday night. Fitz was last years 175 lb champion.

Joe Murphy was Theta Kappa Phi's third winner for the evening when he came from the bottom to pin Earnes Sindelar of Lambda Chi in 19 seconds of the second round. When Sindelar couldn't duplicate Murphy's feat in the third round—Murphy was declared the 175 lb champion. This Murphy is the boy who pinned "Gorgeous George" Vigne of Kappa Sig in 29 seconds Wednesday night. Dempsey of Sigma Nu fell by the wayside Thursday night by virtue of another Joe Murphy pin.

Leland Beverage of Sigma Pi lived up to his big brothers reputation when he pinned Tom Brown from Kappa Alpha in 1

# SPORTS

SPORTS EDITOR GALE WEINRICH

THE MISSOURI MINER

PAGE 3

FRIDAY, APRIL 22, 1949

## Final Results

### Boxing

118 lb Romine (Kappa Sig) over James (Sigma Pi) TKO 3rd round.

126 lb Ashley (Kappa Sig) over Garten (Triangle) TKO 2nd round.

135 lb Hobelman (Kappa Sig) over Fracchia (Soph) KO 1st round.

145 lb Dare (PiKA) decisioned Schmidt (KA).

155 lb Otto (Triangle) decisioned Manocchia (Sig Ep).

165 lb Sample (Triangle) decisioned Savens (Kappa Sig).

175 lb Stifel (Eng. Club) decisioned Simpson (Teke).

Heavyweight Theerman (Sigma Nu) over Gammon (Kappa Sig) KO 1st round.

### Wrestling

118 lb Crane (Theta Kap) pinned McLeane (Sig Ep) 1st round.

126 lb Chappell (Sig Nu) decisioned Herrman (Theta Kap).

135 lb Stauder (La Chi) decisioned Cook (Sig Nu).

145 lb Gray (La Chi) pinned Costly Eng. Club) 3rd round.

155 lb Henieck (La Chi) decisioned Pounds (Sig Nu).

165 lb Fitzgibbons (Theta Kap) pinned Miller (La Chi) 1st round.

175 lb Murphy (Theta Kap) pinned Sindelar (La Chi) 2nd round.

Heavyweight Beverage (Sigma Pi) pinned Brown (KA) 1st round.

## RAY PALMER, PRO BOXER

### REFEREES MATCHES

In a smooth, well regulated manner, Ray Palmer, former professional boxer and referee extraordinary, handled the intramural boxing matches for the second time in as many years. If Mr. Palmer displayed his ordinary brand of officiating in the two evenings he worked, he has the support of the fans to make an annual sojourn to Rolla for the tournament.

Born and raised in and around St. Louis, Ray began his career in the local AAU meets around St. Louis and Benld, Illinois. During his pugilistic career, Palmer maintained his fighting weight at 126 and was rather widely known as a scrappy featherweight.

Retiring from the ring, Ray kept in touch with the fight game as he undertook officiating in professional circles. With the advent of the annual Golden Gloves tournament, Ray was soon part of that setup which has been responsible for starting many fight stars of today on their road to success.

Of course, the most notable Golden Glover of our era was Joe Louis. Ray worked the recent exhibition match between the now retired Brown Bomber and Kid Riviera.

While the collegiate circle is not Palmer's usual stamping ground, Ray likes the collegiate meets mainly because of the sportsmanship to be found among college pugilists.

## Intramural Points

The points for the intramural boxing and wrestling competition have been released as follows:

BOXING—	
Kappa Sigma	400
Triangle	350
Tau Kappa Epsilon	325
Pi Kappa Alpha	287.5

## INTRAMURAL SOFTBALL

### ENTERS THIRD ROUND

The Junior and Seniors won over Gamma Delta by a score 10-4 at Wednesday April 13. The game started with the Juniors and Seniors scoring one run in the first inning. Gamma Delta came up with two runs in the third. The Juniors and Seniors followed up with 4 in the 4th, 3 in the 5th and 1 in the 6th. Gamma Delta tried to come back by scoring one run in the sixth and seventh.

On the same day Sigma Pi's 13 runs were too much for Jackling Terrace. Jackling Terrace brought two runs in the first inning and were unable to score for the rest of the game. While Sigma Pi scored its runs in the 1st, 3rd, 4th, 5th, 6th, and 7th inning. Final score 13-2 favoring Sigma Pi.

Last Friday Lambda Chi won over Chi Sigma by a score of 9-2. All through the game Lambda Chi scored runs with 1 in the 1st, 1 in the 2nd, and 3 in the 3rd. While Chi Sigma was able to score 2 runs in the 4th. With Lambda Chi coming back and scoring 3 runs in the 6th. Total score 9-2 favoring Lambda Chi.

Last Friday the Freshmen forfeited a game to Wesley Foundation.

## Kappa Sig-Soph Game Baker vs Baker Duel

Following the Easter holidays, the squads of Sig Ep took the field against Alpha Epsilon Pi in a slugfest that ended 24-13 for the Sig Ep's. On the other diamond the boys from the KA-Steve were dubbing the newest member of the league, the Tech Club 15-4. This organization new to the campus this year is only lacking in experience, and the enthusiasm of the club for the team can't be measured by the score.

In the Tuesday evening diamond session, the pitchers of Kappa Sigma and the Sophomores hurled a two and three hit pitching duel respectively as the Kappa Sigs won 8-2 on the fielding errors of the Sops. Both of the Bakers deliver the apple in a windmill fashion and from the outcome of this game it would seem that the team who learns to cope with this style of pitching will have an easier game to play against either of these boys. In the second fracas of the evening, the Tekes edged the Engineers Club 17-16 in a battle that ran into one overtime frame. The game, incidentally was decided on a wild pitch.

Engineer Club	287.5
Sigma Nu	237.5
Kappa Alpha	237.5
Sigma Pi	137.5
Sigma Phi Epsilon	137.5
Sophomores	100
Theta Kappa Phi	90
Lambda Chi Alpha	75
Junior-Senior	75
WRESTLING—	
Lambda Chi Alpha	400
Theta Kappa Phi	350
Sigma Nu	325
Sigma Pi	300
Sigma Phi Epsilon	262.5
Engineer Club	225
Tau Kappa Epsilon	225
Kappa Alpha	150
Kappa Sigma	125
Triangle	100
Pi Kappa Alpha	85
Sophomores	85
Junior-Senior	70

## MINERS BOW TO BEARS BUT OUTCLASS INDIANS

### Miners Take 2nd in Triangular Meet Held At Washington Univ.

Saturday April 16, saw the Miner cindermen take second place in the fourth annual triangular track meet with the Washington U. Bears and the Cape Girardeau Indians. Washington U. copped first place in the meet, which was held on their campus at Francis Field, in St. Louis. The Bears rolled up 73½ points, to the Miners' 52½ and Cape Girardeau's 36.

The Miners took first place in five of the fifteen events. Stan Dolecki outran all contestants in the 880 yard run. This is Stan's first year with the squad and he seems to be doing very well. Jim Corbin, veteran of last year's team, took first place in the 120 yard high hurdles, while Schuchardt, a newcomer, came in first in the 220 yard low hurdles. "Old Faithful" Shorty Voiles once again topped all competitors in the pole vault event, vaulting 12 feet, his highest this year. George Bock, another reliable for Coach Bullman, took first place in the Shot put, with a distance of 44 feet 11 inches.

A great setback for the Miners was the fact that Pete Perino pulled a leg muscle in one of his first jumps, and was out for the rest of the broad jumping event.

Bill Kirk, a familiar face to Rolla fans, was scoring points against his old teammates for the first time. Bill, now competing for Washington U., took second in the 100 yards dash and third in the broad jump.

Bill Lennertson, of Washington U., tied his own record high jump of 6 feet 4 inches, for the second time. Jumpin' Jack Stephens, of Rolla, tied for second place with Coffey of Cape Girardeau. Another second place for Rolla was won by Don Smith, in the mile run.

The box score:  
100-YARD DASH—Day (C), first; Kirk (W), second; Reeves (M), third; Kohn (W), fourth. Time-10.4 seconds.

220 YARD DASH—Guenzburger (W), first; Luaders (W), second; Day (C), third; Reeves (M), fourth. Time-22.5 seconds.

440 YARD DASH—Brown (W), first; Allen (C), second; Rausch (R), third; Green (C) fourth. Time-51.8 seconds.

880 YARD DASH—Dolecki (M), first; Bausbach (W), second; Sanders (M), third; Allen (C), fourth. Time-2 minutes 36 seconds.

MILE RUN—Corse (C), first; Smith (M), second; Skiffederer (W), third; Hampton (C), fourth. Time-4 minutes 34 seconds.

120 YARD HIGH HURDLES—Corbin (M), first; Zehr (W), second; Schuchardt (M), third; Burger (C), fourth. Time-16.1 seconds.

220 YARD LOW HURDLES—Schuchardt (M), first; Bennet (W), second; Kohn (W), third; Tietjens (M), fourth. Time 26 seconds.

POLE VAULT—Voiles (M), first; Williams (W), and Hoib (C), second; Gebauer (W), third; Height-12 feet.

HIGH JUMP—Lennertson (W), first; Stephens (M), and Coffey (C), second; Dalton (W), fourth. Height-6 feet 4 inches.

SHOTPUT—Bock (M), first; McDaniels (C), second; Snyder (W), third; Doerr (M), fourth. Distance-44 feet 11 inches.

DISCUS—Snyder (W), first; Hayes (C), second; Bock (M), third; Bequette (C), fourth. Distance-127 feet 4 inches.

JAVELIN—Bauer (W), first; Snyder (W), second; Vogts (W), third; Collier (M), fourth. Distance-161 feet 2 inches.

BROAD JUMP—Riddings (C), first; Blaser (W), second; Kirk (W), third; Perino (M), fourth. Distance-20 feet 5 inches.

MILE RELAY—Washington, first; Miners, second; Cape, third. Time-3 minutes 33 seconds.

TWO-MILE RUN—Ratcliffe (W), first; Smith (M), second; Skiffederer (W), third; Shaffer (M), fourth. Time-10 minutes 12 seconds.

## Miners Play Host to Springfield

### In Track Meet Here This Saturday

Prospects of winning out over Springfield are better than even; outcome of several events still a toss-up with many dark horses in the picture

#### MSM SPRINGFIELD TRACK PREDICTION

by Murray Schmidt

Tomorrow, the Miner thinclads will play host to Southwest Missouri State Teachers' track team. The outcome of the meet at the present time is only a toss-up but from all indications, our Miners may have a slight edge on the Springfield Bearcats, enough of an edge to pull a victory out of the fire. About the only thing indicative of how the tide of the meet may go is the way that some of the times fell last week when we were in a triangular meet with Washington University, and Cape Girardeau at St. Louis. Springfield met Kansas State

Teachers in a dual meet at Pittsburg, Kansas, K. State emerging the victor by quite a few points.

We can again look toward George Bock for sure points in most any track meet, so we will start here in our speculating. George has put the shot put well, over 45 feet on a couple of occasions this year; last week, his toss of 44-11 won first place for us. Rollin Davis, of SMS, won in his dual event with a toss of 40-6 3/8, quite a bit under George's. Earnie Doerr is capable of putting the shot as far as Davis, and certainly can be counted on for at least a third place, if not second.

The high jump is a toss-up and will depend on just who is feeling his oats or whoever gets the best take off. Jack Stevens, of Rolla, has been going steadily higher in each event and may possibly beat out Bill Bayliss of Springfield who won their dual with a jump of 5-10 last week. If Stevens could get out and practice a little more, maybe he could really give the boys some competition, for he has the right knack, now.

#### HIGH HURDLES TO MSM

I don't believe that we will have too much trouble in the high hurdles if Harold Corbin and Bob Schuchardt keep on going the way that they have in the past. Last Saturday, Corbin won against strong competition in the St. Louis meet with a ticker of 16.1 seconds for the 120 yard obstacle straight-a-way. On the other hand, Bill Bayliss of SMS won the same event in 16.5 seconds, enough less to make it a fight for second place instead of first place. Bob Schuchardt, who won the hurdles event in last years intramural meet, has been steadily improving all year long and looks as though he would be good for at least a third, if not better than that, in the highs.

In the low hurdles, however, Bob stands a good chance of running off with first place. Depending on the condition of the track Saturday, he should do quite well; right now, the track looks as though it is pretty good shape, the ground being only a trifle soft.

#### Voiles To Win Vault

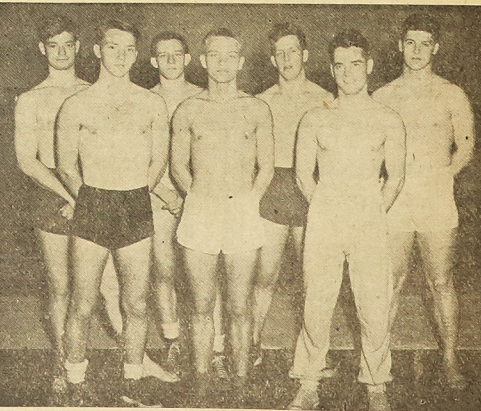
Cletus Voiles should win the pole vault, hands down, as his vaults are quite a bit over those

(Continued on Page 4)

## NOTICE

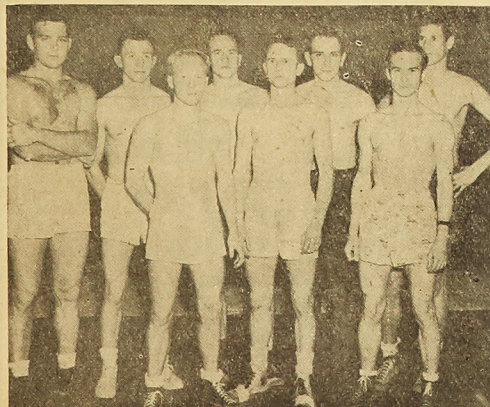
Don't forget the University Dames' Springtime Frolic to night in Jackling Gymnasium. Square dancing and dancing to popular records. Games at entertainment. The time is 8:00 to 12:00—the price only 50c per couple. Wear blue jeans and calicaes and you'll be in style. Be sure to come and bring all your friends. Tickets may be obtained from any University Dame or at the door.

## WRESTLING CHAMPIONS, 1949



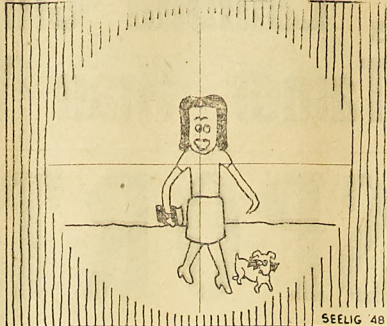
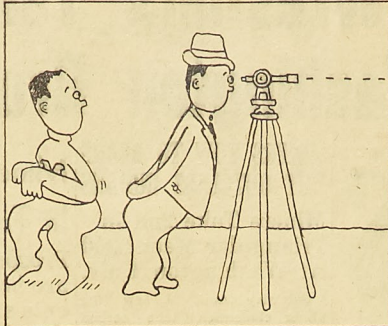
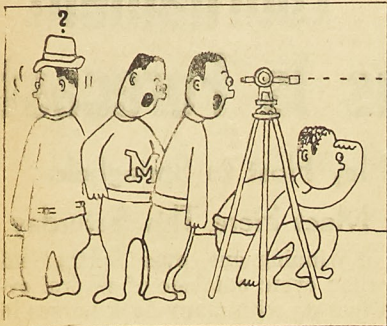
First row, left to right: Stauder, Chappell, Gray  
Second row, left to right: Fitzgibbons, Henieck, Murphy, Beverage  
Missing: Crane

## BOXING CHAMPIONS, 1949



First row, left to right: Ashley, Romine, Hobelman  
Second row, left to right: Theerman, Otto, Dare, Stifel, Sample





## THE MINING ENGINEER

I wish I had a barrel of rum, sugar three hundred pounds,  
A college bell to mix it in and a clapper to stir it around,  
I'll drink to every fellow who comes from far and near,  
I'm a rambling wreck from Rolla Tech, and a helluvan engineer.

Now, if I were old Moses down in the promised land,  
I'd strike the rock for whiskey to quench my thirsty band,  
Like every honest fellow, I take my whiskey clear,  
I'm a rambling wreck from Rolla Tech, and a helluvan engineer.

Now if I had a daughter I'd dress her up in green,  
And send her down to Springfield to coach the Drury team.  
But if I had a son, sir, I'd tell you what he'd do,  
He'd yell, "to hell with Drury," like his daddy used to do.

Here stand some mining engineers, and in each hand a gun,  
They're not afraid of anything that walks on land or sun,  
They dearly love their whiskey, they dearly love their beer,  
Oh, they're shooting, fighting, dynamiting, Mining Engineers.

Here stand some mining engineers, a rough and ready crew,  
They never lay down on any job, they always see it thru,  
If you want a road to Jupiter, or a ten foot shaft to hell,  
Just bring it around to them and they will do it very well.

When students stop their cribbing, and the weary are at rest,  
When I've a million dollars in Wall Street to invest,  
When saloons close up at midnight, on Sunday sell no beer,  
Then I'll be a Rolla graduate and a helluvan engineer.

## Chorus:

I'm a rambling wreck from Rolla Tech and a helluvan engineer,  
A helluva, helluva, helluva, helluva, helluvan engineer,  
Like every honest fellow I take my whiskey clear,  
I'm a rambling wreck from Rolla Tech and a mining engineer.

day night, is reported to be improving, at his home, 804 East Tenth street. He is able to walk with the aid of crutches.

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## Uptown Theatre

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Shows 7 and 9 PM  
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"STATION WEST"

Sun.-Mon.-Tues. Apr. 24-25-26  
Sun. Continuous from 1 P. M.  
Jeanette MacDonald,  
Claude Jarman, Jr.  
Lloyd Nolan - Lassie  
"THE SUN COMES UP"

Wed.-Thurs. Apr. 27-28  
Matinee 2:30 P. M.  
Admission—50 & 75c  
Evenings at 8 P. M.  
Admission—50c & \$1.25  
Ingrid Bergman, J. Carrol Naish  
Gene Lockhart, Cecil Kellaway  
"JOAN OF ARC"

## Rollamo Theatre

Fri.-Sat. Apr. 22-23  
2 First Run Pictures  
Sat. Continuous from 1 PM  
John Calvert, Rochelle Hudson  
"DEVIL'S CARGO"  
Roy Acuff and the Smokey Mountain Boys in  
"HOME IN SAN ANTONIO"

Sun. - Mon. Apr. 24-25  
Sun. Continuous from 1 PM  
—First Run—  
Gloria Jean, James Lydon  
"AN OLD FASHIONED GIRL"

Tues.-Wed. Apr. 26-27  
Tyrone Power, Dorothy Lamour  
"JOHNNY APOLLO"

Thursday April 28  
—First Run—  
Lenore Aubert, Alan Baxter  
"THE PRAIRIE"

TENNIS CHAMPIONSHIP—  
QUESTION MARK AS ALL  
TEAMS VIE FOR LEAD

With the intramural tennis season entering the second round most of the participating teams show strength in both single and doubles divisions.

In the initial elimination round Jr.-Sr. steamed passed Gamma delta (9-0) while Jackling Terrace took the first two sets and game from Sigma Pi (6-4) (6-3). Also in the singles division Sig Ep defeated Tech. Club and Jack Knappert the Kappe Alpha entry blanked his A. E. Pi opponent (9-0). Other one sided matches were the Theta Kap's licking of Pi K. A. (9-3) and the Sig (9-3) as did Sophomore class Engineers club trounced Kappa top Sigma Nu (9-2).

The Tekes, who have shown considerable strength in intramural sports this year, topped their Triangle opponents (6-3) (6-1).

Winding up the first frame the Wesley Foundation took a forfeit from the Freshmen class and Lambda Chi beat Chi Sigma.

The second round games are Jr.-Sr. xs Jackling Terrace the winners will engage Sigma Pi Epsilon. K. A. vs Theta Kap, Engineers Club vs Soph. Class Wesley Foundation vs Lambda Chi and winner vs T. K. E.

The first round doubles ended with the Sig Ep's taking a two set match from A. E. Pi. (6-1) (6-0). Kappa Alpha trimmed the Tech. Club 9-4. Jackling Terrace, who seems to be doing fairly well so far, dropped a strong Jr. Sr. pair. After losing the first set Gamma Delta tried valiantly to hold off the Sigma Pi's but the latter took the first two sets and game (6-1) (7-5). The Theta Kappa duet went down before a strong Wesley team (9-4).

In a hard fought contest, despite the score, a strong Kappa Sigma pair beat Lambda Chi (6-1) (6-1). The Sophomore class excepted a forfeit from the Freshmen Class. In the only three set match of the first round Triangle beat a strong T. K. E. team

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## KAPPA SIG BOXERS WIN

(Continued from Page 3)

take the 145 pound championship. Schmidt put up a fine battle but was unable to cope with Dare's hard straight-punching attack. Dare displayed considerable ring experience as he battered his way past McDaniels and Schmidt, neither of whom could be listed as pushovers in any tournament.

John Ashley of Kappa Sigma T. K. O'd Randy Gorten of Triangle in the 126 pound final. Both boys showed considerable ability and fought evenly throughout the first round. Ashley showed his superiority in the second round when he started fast and smothered his opponent with a barrage of rights and lefts, gaining a T. K. O. midway through the period.

As in previous years, the main factor involved in winning the championships seemed to be conditioning, though most of the winners displayed a considerable amount of boxing skill in addition.

Although black eyes were numerous on the campus Monday, the bouts produced no serious damage to any of the contestants this year.

Kappa Sigma, with five finalists and three championships, retained the team championship in the boxing division of the tournament.

## LA CHI GROANERS TOPS

(Cont. from Page 3)

minute and 18 seconds of the first round. Beverage's 225 pounds was again a big factor as in his Thursday night win from McLuckie from TKC.

I think all of the boys, win or lose, deserve a lot of credit for all of their time for workouts before hand to make the matches the success that they were. The sportsmanship shown during the fights could not be surpassed by any.

(6-2) (6-4). The Engineers Club and Chi Sigma had their match postponed.

The second round doubles will find the following teams matched. Kappa Alpha vs Jackling Terrace; Sigma Pi vs Wesley; Kappa Sigma vs Wesley and Triangle vs the winner of the Chi Sigma Engineers Club contest.

Miners Meet SMS in  
Track Meet Here, Sat.

(Continued from Page 3)

of anyone from Springfield, according to the SMS-Pittsburgh meet of last week. I'd like to wager that Shorty will still have his sweat clothes on when the boys from Springfield are dropping out. Cletus cleared 12 feet, even, last week, while Jim Anderson and Roland Hoit of SMS had to be content to take places somewhere behind the winning vault of 9-6, in their meet. Bill Heckenberg, a new Rolla boy, should do pretty well in this dual meet and take a second or third; even though he is quite a bit behind Voiles, he still can come through with a small punch, enough to flatten the Springfieldites.

Pete Perino and Gene Huffman, though they didn't do as well in our triangle meet last week as they are capable of doing, should gather a few points in the broad jump. Pete can usually clear 20 feet easily, and still save a little energy for his Saturday night date, while Gene can get right around the winning mark when the pressure is on. Pete took only a fourth last week, but it was only because he injured his ankle on his first jump and was forced to retire for the afternoon. The winning jump in the St. Louis meet was only 20.5 feet while that at Pittsburgh was less yet, being only 19-2 1/4. If that kind of jumping is indicative of what Springfield is capable of, I'd like to pick the first two places to put in the Miners' boxscore. Then too, if someone wants to "feed a little arsenic to Joe Lines, their man-of-the-event for last week, we might even be good for three places.

Stan Dolecki will undoubtedly be good for one of the top places in the 440, but he will need some high stepping in order to be there. Cliff Turner should be back in action, too, which will enhance the Miners chances still more for the days honors. He has been out of action for the past couple of meets, and his presence will feel like a shot in the arm.

Don Smith can always be counted on for multi-points in the distance events, namely the 800 and two mile runs. He has always been one of the chief point getters when the siegding has become a little rough. Earl Phillips should give him a pretty good workout in the one mile run and Bill Schatz should follow.

low him in when the finals of the two mile run are tabulated. Bob Collier and Roy Stringer will be fighting it out for winning tosses in the javelin; both seem quite capable of giving each other a hard time for honors, but withstanding the fact that distances aren't constant from meet to meet, both will end up in winning columns.

From my little old canary perch, it looks to me as if we should win the meet from Springfield; of course, track and field men are hot and cold on different meets, sometimes improving, sometimes doing not so well, thereby, causing a little guesswork which puts things on an uncertain basis. Still, I look for the Silver and Gold to flash across the finish line enough for us to win over Springfield, Saturday, at Jackling Field.

A PROF'S IDEA OF AN  
ENGINEERING STUDENT

(Continued from Page 1)

numbers in all the surrounding cities and villages is necessary when entertaining bachelor instructors—bless their hearts!

He must be an expert talker, liar, dancer, fin-agler, bridge, tennis and golf player; toreador, diplomat, financier, capitalist and philanthropist; an authority on palmistry, chemistry, geology, archaeology, physiology, meteorology, criminology; dogs, cats, horses, dormitories, records, files, brunettes, blondes and red-heads. Some knowledge of the various subjects he must take to graduate from the institution which he attends would not hurt a bit.

—Bill Lidell Jr. in the Oklahoma Engineer.

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