



09 Nov 1951

The Missouri Miner, November 09, 1951

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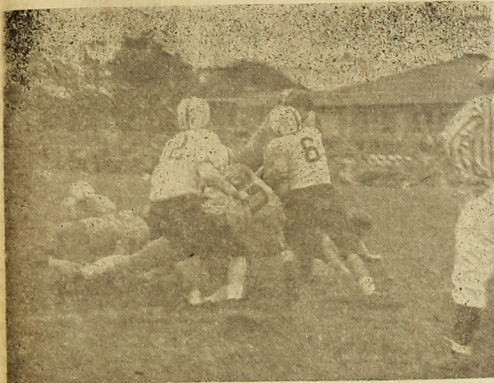
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THE GAME



Part of the action which took place at the thrilling Homecoming game last Saturday.

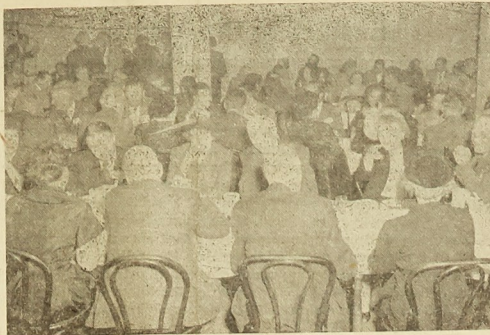
— Photo by Gegg

SCENES FROM

ANNUAL

HOMECOMING

THE BANQUET



The Homecoming Banquet at the College Inn of the Edwin Long Hotel was attended by a large group of Alumni. At the convocation held in the afternoon, Dean Williams spoke on "Engineering Manpower — A Product of M.S.M."

— Photo by Gegg

Alumni Have Spirited Party at Homecoming

Football Victory, Convocation and Dance Highlight Lively Homecoming Celebration

Alumni from all sections of the country gathered at Rolla last Friday and Saturday to provide a warm Homecoming weekend despite the low thermometer readings. Waiting for them as they began arriving Friday night was a well-filled program of planned and unplanned events.

E.E.'S PLAN INSPECTION TOUR OF SUBSTATION

The student chapter of AIEE-IREE and Theta Mu, local honorary electrical engineering fraternity, are jointly sponsoring an inspection tour of the new Phelps Substation, located just east of Rolla. Representatives of the company will be in town Friday, and at a meeting to be held in Parker Hall Friday night at 7:30 p.m., they will elaborate on the construction, design, and functions of the substation. All interested persons are invited to attend the meeting Friday night, and to tour the substation Saturday.

Highlighting the gala weekend was the 19-6 football conference victory over the Cape Girardeau Indians Saturday afternoon made more spectacular by the scoring of a touchdown on the last play of the game by the Miners. Color was added to the stands by the gold-colored flowers worn by the ladies.

Between halves was the running of the Cross Country Race, which was won by the Engineer's Club representative, J. Cooley. D. Grunz of Kappa Sigma and C. Felicetti of Tau Kappa Epsilon placed second and third respectively. A little spice was added to the fun by the appearance of the Kappa Sig Homecoming Queen.

On Friday night at 8:30 this year's only pep rally began in front of Jackling Gymnasium where a snake dance started that wound through the town and ending at the intramural field with a bonfire and cheering. Registration at Parker Hall, which began at 9:00 a.m., started the chain of events that were to make up the alumni's schedule for Saturday. First on the agenda was the Homecoming Convocation held in the auditorium of Parker Hall at eleven o'clock.

At this time a welcoming address was made by Dean Curtis L. Wilson, and then Assistant Dean Rex Z. Williams spoke to the alumni audience on the subject, "Engineering Manpower — A Product of MSM."

Two midday attractions were the class of 1926 Luncheon at the Colonial Village and a cocktail party at the Edwin Long Hotel for the St. Louis Section. During the morning the many house decorations were judged by a committee selected by the Interfraternity Council. Triangle presented the winning display as Tau Kappa Epsilon and Lambda Chi Alpha took the second and third place honors in that order.

After the football game many of the alumni attended the Homecoming Dinner at the Hotel Edwin Long at 7:00 p.m.

Featuring the evenings activities was the St. Pat's Board Homecoming Dance at Jackling Gymnasium. An atmosphere for dancing was provided by the music of Jackson Hall and his orchestra.

Anywhere in Rolla where there were Miners Saturday night there was a party. The fraternities were packed as many students and alumni made the rounds to the open houses. The weekend came to a close and the participants in the festivities parted to return to their respective positions in society.

Lovers Survive Over Warriors at Sig. Nu

Another homecoming has hit the snake house leaving in its wake, weak foundations, blood-shot eyes, throbbing heads and fond memories. Oh yes, those fond memories, the old alumni, the skirts, the dance, the cross country race, the skirts, etc. (Need I say any more on the subject of memories?)

It seems that the question of the weekend was "to be a lover or a warrior." Under the circumstances the lovers won out; heading the list of casanovas was Dick Cruse, Bob Farris, Lardy Kadnar, Ray Rucker, and "Denise" Gray.

"Truly a great party weekend" was the general consensus of opinion. The chapter was happy to welcome back to the old homestead "the wheels of industry", the newest big deals being Dick Bullock, Don McCormack and William Gorman.

The topic of most discussion, where discussions took place, included our newly imported hound, "Bro."

During the peak of the party Con Sanders made his contribution to the art of formal introduction, he is now thinking of writing a book on the subject.

THE MISSOURI MINER

Missouri School of Mines & Metallurgy

VOLUME 38

ROLLA, MO., FRIDAY, NOV. 9, 1951

NUMBER 8

E.E. Department Shows Tremendous Development in Last Five Years

Prof. Lovett Reviews Departments Growth And Progress at M.S.M. Over Last 38 Years

By Prof. I. H. Lovett

Since the first student was graduated in electrical engineering at the Missouri School of Mines in 1917, there has been awarded a total of 663 degrees of B.S. in Electrical Engineering. While the number of such graduates in recent years has been large, all have had opportunity to fill responsible positions in the various fields of electrical engineering. The number of graduates awarded the B.S. degree in the last five years is as follows: 20 graduates in 1947; 36 graduates in 1948; 105 graduates in 1949; 153 graduates in 1950; 68 graduates in 1951. Since the first degree of Master of Science in Electrical Engineering was awarded in 1947 there has been a total of 16 such degrees awarded. In spite of this large number of electrical engineering graduates, the demand by industry has greatly exceeded the supply, particularly during the past year when personnel representatives of various industrial organizations interviewing students on the campus have not been able to fill quotas of new employees. This shortage of engineering graduates, not merely in the field of electrical engineering, is one of the most serious problems now confronting industry.

E. E. Curriculum

For the training of electrical engineering graduates at MSM a curriculum has been developed which places emphasis on fundamental principles, at the same time permitting some degree of specialization in the senior year through selection of certain elective subjects. In the development of such a curriculum, consideration was given to new applications and new techniques in various phases of the electrical field, as well as to the training in fundamentals upon which a student may later base his choice of specialization.

Attention has been given to the development of the curriculum so that it will provide adequate training leading to work in both of the two major electrical engineering fields—power and communication. Courses providing this training are included in the first three years when all courses are specified as required. In addition to certain required courses during the fourth year there is a total of 15 credit hours of elective subjects. In this group of elective subjects the senior student may include courses related to machinery and power systems, or those related to advanced electronics and communication. It is also possible for the student to select a combination of courses related to both general fields. In the selection of elective sub-

jects in the senior year it is also possible to take work of a type to provide training which will emphasize a functional division in electrical engineering. Thus courses valuable for training in the classification of research, design and development or in application, service, and production, may be selected.

During the past two years several new undergraduate and graduate courses have been added to the electrical engineering curriculum. New undergraduate communication courses are: Communication Networks Laboratory, and Ultra-High-Frequency Laboratory. These new courses accompany lecture courses on the same subjects. A two-semester sequence of courses has been added to cover some of the advanced electronic systems with special emphasis on television. A course recently added in the power field is titled Power System Stability and Protection.

In order to keep in step with the increased graduate work in the Electrical Engineering Department five new lecture courses have been added on the graduate level. Two of these comprise the two - sequence courses in Mathematical Analysis of Electrical Engineering Problems; the other three courses are: Advanced Transients in (Continued on Page 4)

SIGMA GAMMA EPSILON GREET'S NEW MEMBERS

The Missouri School of Mines, Eta Chapter of Sigma Gamma, Epsilon held an initiation of new members at 7:15 Thursday evening, November 1, in the Geology Department, located on the second floor of Norwood Hall. The new members included the following students and instructors: Don H. Bailey, John T. Ballars, Earl Lee Bilheimer, Anton A. Bruskas, Robert E. Carver, Philip John Clark, Theodore E. Dobson, Jay C. Dotson (Instructor), Avery A. Drake, Richard Matthea (Instructor), William E. Patterson, Bob L. Paulsell, Dirck Best Stickle, Ralph B. Weiss, Henry R. Willis, and Edward L. Vickers.

After the initiation, refreshments were served and a short business meeting was held at which Lee Bilheimer was elected to the office of Secretary-Treasurer.

NOTICE

CAMPUS ORGANIZATIONS

If you have not as yet been contacted personally by the Rolla concerning space in the 1951-52 yearbook, please call Dave Robinson, Organizations Editor. Phone 975-W or 122.

Snowbound on Rolla's Main Thoroughfare



This view, taken Tuesday morning, shows how the pre-winter's storm struck along Pike street. Here is the west side of the street, looking north from Seventh street.

Returning Rebels Get A Rousing Welcome

This homecoming at the Kastle marked a memorable occasion for young and old members alike. Through the hard work of our alumni, the burning of our mortar was made possible. The present actives would like to extend a hearty "thank you" to the brothers who made this event possible. Members arriving from such places as New York City and Shreveport, La. included: Mr. G. Easley, Mr. M. P. Brazill, Mr. H. L. Harrod, Mr. T. C. Gerber, Mr. K. O. Hanson, Mr. A. E. Barnard, Mr. P. K. Horner, Mr. J. J. Brown, Mr. B. R. Brown-gard, Mr. G. Anderson, Mr. G. Anderson, Mr. G. Burnet, Mr. C. Barnard, and Mr. L. W. Lambel. During the course of the partying that followed, quite a few plans were made for future improvements on the Kastle and its surrounding grounds.

It was observed by all present that brothers DeHecker and Sheehan enjoyed the party to its fullest extent. No one can seem to figure out just when "Deke" started his partying; but by Saturday, he had plenty of company. Dates came from almost as far as the alumni.

Kansas City was represented by Carole Neece and Beverly Linden; while Joliet, Illinois, sent down Mary Lou Perella, Judy Marshall and Fran Blim. Our "Caruso of the Ozarks" again furnished the entertainment for the weekend. If his popularity keeps increasing the way it has been, future K. A. parties will have to be held at Dean's to accommodate the crowds.

The intramural sports program here hasn't been too bright this far. We do have one good "Rebel" upholding the name of the South though. Chuck Jones has so far defeated all comers in the chess tournament. Despite the moans of manager Bud Hoppler, our basketball team shows signs of joining our knight of the chess board in the win column.

HOMECOMING TRADITION UPHELD BY SIG EP'S

Homecoming was celebrated in fine style by the Sig Eps. Many of their alumni returned and enjoyed themselves very much. This can be vouched for by the many present who watched them carry on the tradition of never leaving a party in a manner unbecoming a Sig Ep, and that is horizontal. The week-end started Friday night with a party and oh what a party it was. Take it from your old friend Bunk it was rare. The Beverage was both tasty and plentiful, at least until the early hours of the morning.

The game which was next on the agenda had its events that were colorful, but unprintable. Our two punchy friends, Rich Hampel and Bob Proctor were doing more coaching than the coach during the game, but what else can you expect from two punchy football players that have been laid up. Saturday night was the best party I have had the pleasure to attend in quite some time. I'll swear that I stepped on more heads. Whether they were on the floor or on a pair of shoulders I can't rightly say as I could not see that far. This affair lasted until Sunday morning. I can say that it was going at eight o'clock and if anyone wanted to keep going they had to drink water. We wish to thank a very good friend and his house for coming to our rescue when we run out of ice. We only ran through about one hundred pounds of ice that night. My friend and your, "Rich Red" has done a fine job with his classes on snowing the girls because practically all the boys managed to have a date. Well done, Red. Well, happy hangover, see you at the next party.

All juniors, seniors, graduate students, and faculty members who have not as yet had their picture taken for the 1952 ROLLAMO must do so by Tuesday, Nov. 13 at the latest. This is the last day any pictures will be taken! Everyone must have selected the picture he wants in the yearbook no later than Sat., Nov. 17, otherwise the selection will be made for you!

Triangle Gets Nod for Homecoming Prize

Homecoming 1951 has come and gone and its back to those beloved books for the men of Triangle. Too bad the Great Blizzard of '51 didn't come a few days earlier and clog up the roads the party might still be going on. As it was, Homecoming was one big success here at the Rock House. John Zedalis' sleepless nights and Bill Paar's and Bob Ruch's mechanical ability paid off to the tune of triangle winning the Homecoming decorations plaque. Also "feet-foot" Greer and "Barrel-chest" Jim (I'm big) Hubel made a good showing in the cross country run. In addition the House was packed full of Triangle dates and those tycoons of industry - the alumni (flashing their bank rolls around as usual).

Hoping to gain further laurels for Triangle is our crack (cracked up?) hand-ball team who have been putting in many grueling hours on the court. Also rapidly whipping into shape is our basketball team under the expert hand of Gene Edwards. Rumor has it that "Trick-knee" Pierson is being investigated by the NCAA for throwing a game last season. We hope its only a rumor but he's been smoking his own butts lately.

When all this snow has melted off will anyone finding a blue Chevy please inform Dave Meskan. Dave spent all Tuesday afternoon poking into bumps in the snow. Once he thought he had it but it was only a mail box. Also lost in the snow was Jack Licata's slipstick. Jack will never miss it - he can figure faster on his fingers anyway.

Already our socialist social committee is hot on plans for the Christmas dance. If they do as good a job as they did on Homecoming it should be a fine affair.

NOTICE

BAPTIST STUDENT UNION MEETING

Friday, Nov. 9, 7:30
First Baptist Church
Speaker Dr. Miles
Subject Christianity in our profession.

THE MISSOURI MINER



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The Shaft

by Grinn and Barrit

What a week end! This is about the only way the past weekend can be described. All the rustic alumni started to roll in the fair town of Rolla late Friday night, with their trunks loaded to capacity with the latest in the line of boot-leg material. It didn't take these guys long to get back in the old groove again, as continued to give the local law officials nothing but all night long. The football game, Saturday afternoon, found many of the old timers well on their way, as they tried to spread school to the whole student body (we even got a shot of it ourselves). After the game and a good cold shower, they were on the party road again and could be found leading the song fest in the various houses on the campus. On Sunday, with heads bending low, they took to their various paths in life, and were leaving with a lighter trunk and a heavier head than they had when they made their triumphant entrance Friday night.

The members of the student body didn't seem to fair as well as the returning alumni. Monday morning found very few students able to attend classes and the few lucky ones who did make them, were either insane or else they were still drunk. Everyone was worried if he was going to make it through the day and some were sort of wishing that they wouldn't make it. The cry of the Miner for the past

week was, "How did you make out?" This phrase seem to be the main topic of discussion of the campus now and Dean Wilson has proven to have taken a fancy to it. The Dean has appointed Roger Joseph Schoepel to write a thesis on this subject and it could be made public as soon as Rog can complete a few more trips to Columbia. The reason that Nigger Joe was chosen was, because it has been rumored around the campus that he could even make out in a monastery. We feel that Joe will put his whole heart into his work and that the results which he will obtain in the end shall be a welcomed gift to all man kind.

This past week found your two authors completely covered over with tests that came in an never ending stream. We love tests, and school, as much as the next guy, but we are having one hell of a time trying to study for two and three of them a day. If this is, or was your favorite article, which we greatly doubt, you can blame its briefness on the on surging herd of tests from our "dear" faculty, who are out to show the quickest way out of this school. To put it mildly, we have been snowed under the whole week, but we will try to make up for it with a presentation of the opinions of some of the big wheels on the campus, on the subject of allowing the establishment of a girls school on our campus.

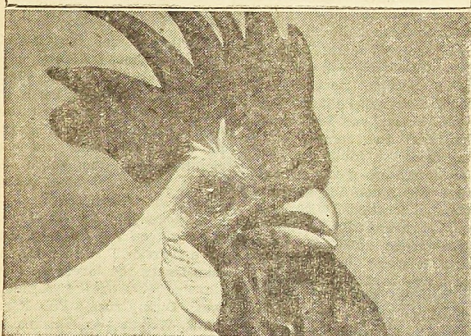
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J. Paul Sheedy* Switched to Wildroot Cream-Oil
Because He Flunked The Finger-Nail Test



POOR PAUL was eggspaspered because every chick on campus gave him the bird. They told him: "We're all cooped up!" Then one day his roommate said: "The hens avoid you beak-cause your hair's messy, you dumb cluck! I don't know feather you've heard of Wildroot Cream-Oil or not, but you better fry it—er, try it! Contains soothing Lanolin. Relieves dryness. Removes loose, ugly dandruff. Helps you pass the Finger-Nail Test." Paul got Wildroot Cream-Oil—and now the gals think he's a good egg! Better lay down a few poultry cents on the nearest drug or toilet goods counter for a bottle or tube of Wildroot Cream-Oil. And ask for it on your hair at your favorite barber shop. Then the girls'll take off their hatch to you!

* of 131 So. Harris Hill Rd., Williamsville, N.Y.

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



Letters to the Editor

New Letters to the Editor Policy

The Letters to the Editor Column, in the past few weeks, has grown in size, sarcasm, and bitterness. The bravery and finesse displayed in some of the contributions is getting to be of a very doubtful nature, especially when the author hides behind some fictitious name. With this in mind, the Senior Board of the MINER wishes to state the new policy which will regulate this column.

1. All letters must be signed. If a person does not wish to have his name appear in print he may request that his name be withheld.
2. All letters must be addressed to the Editor. Lately, the column has taken on the appearance of a pen pals club.
3. All letters become the property of the Missouri Miner.
4. We reserve the right to edit the letters in any way we see fit.

MSM Apt. I-4
Rolla, Missouri
November 6, 1951

To the Editor of the
Missouri Miner:

I am wondering, by gosh, if Mr. Tietjen's burst of love is just puppy love or the good old-fashioned true love of yesterday. It must be puppy love though, because his adolescence is showing through his anger.

The purpose of these letters is to try to point out to the students and faculty that when we start subsidizing our athletic organization, we will decline scholastically. We are no different from the other universities and colleges which have tried this form of athletic development, the subsidy becomes larger and larger each year until we have athletic monopoly of school funds while the other departments go begging. This form of athletic development is not the brain storm of one single year, but it is an insidious continuation, with additions each year of gifts, non-existence jobs, etc., until no one has the power to stop it. It is a creeping paralysis which destroys what it touches.

Let us take an example here at M.S.M. The annual budget contains an item for \$10,000 for student assistants. We have 13 departments here on the campus which are potential users of student assistant labor. They are: Humanities, Chemistry, Mining, Metallurgy, Ceramics, Electrical, Physics, Geology, Mechanical, Physical Education, Civil, Engineering Drawing and the Library. The Physical Education Department receives 30% or \$3,000.00 while the other twelve departments receive less than \$600.00 each per year. In addition to the student assistants in the Physical Education Department we maintain a full time stockroom man in the gymnasium, plus a janitor who helps in the stockroom during rush periods. Several of these other departments do not have any student assistants at the present time, while if student assistants were available, many hours of time for the instructors and professors would be saved.

Why does a situation like this develop?

The answer, I believe, is contained in the letter from "A FOOTBALL FAN." Complacency, in the human race, is our most dangerous enemy. We are content to rationalize any situation we see that is tinged with unethical conduct. If we are interested in that particular situation, it is just too much trouble to do or say anything about it. This particular gentleman likes football; all well and good, but he does not care about how clean morally the game is. He is satisfied just so he can view football. This football fan does not represent a person who has weighed the pro's and con's of subsidized athletics, but one who blithely said, "I guess the boys can use a little extra money."

I am sure that if this particular person would stop and THINK ahead, not just blunder ahead, that he would see the danger with which we are confronted. He said that the football players are not getting enough money for the beatings and bruises they sustain. If we are going to pay our football players a salary, I agree with him wholeheartedly. But, does he realize what professional football would do for a college? Apparently he does not. Among a lot of other things it would; 1. Cheapen the school until no parent would send his children to the school. 2. Make the school a laughing stock for other colleges, and 4. Belittle the school officials. Yet, this is the way he wants our school to be. We must not rationalize a situation such as this.

It has been relayed to me,

rather forcefully, that \$35.00 is not income, but that \$300.00 is. Money is income whether it is received for digging ditches, selling worthless stock, or playing football. Apparently our friend has become obsessed with the idea that the people of Missouri owe him and aid or subsidy because he quit a good paying job and accepted another at lower pay. We owe him nothing. His reward is supposed to be honor, glory and improved school spirit. The moment he expects monetary remuneration he ceases to represent school honor, school glory or school spirit.

It would be interesting to read the results of a campus poll to see how many students knew that our football players received payment for early football practice.

Respectfully yours,
Paul H. Blackmon

November 2, 1951

Edward L. Calcatterra
Editor-In-Chief
Missouri Miner
707 State Street
Rolla, Missouri

Dear Sir:

I would like to have this letter put in the "Letters to the Editor" column.

To Paul Blackmon:

In reference to your letter of October 26, MISTER, JUST WHO DO YOU THINK YOU ARE? Stop me if I'm wrong, but aren't you the same fellow who complained about the football players whistling at your wife as she walked past the field? It seems I read that letter in the Miner a couple of months ago and it was said that you wrote it. And now, you come up with the letter that was printed in the Oct. 26 Miner. WHAT IN THE WORLD IS THE MATTER WITH YOU? Do you have a grudge against football players in general, or is it just the MSM team?

Most people on the campus know personally and like very much the fellows on the MSM team. What's the matter with your sadistic little mind? Perhaps you're jealous or just plain stupid! If you can do any better Mister, then get out there and showoff! That is, if you have the guts.

I suggest you shut your big blabbermouth or you're going to find yourself completely friendless. I use the word "completely" because I doubt if you have very many friends. Take the advice of a lot of people around here and stop letting out all that hot air, or I'm liable to forget I'm a member of the weaker sex, and tell you what I really think of you!

A DISGUSTED FEMALE

Mr. James A. Tietjen:

After having read your very inspiring reply to Mr. Paul Blackmon's article, we wish to congratulate you on your facility in the use of English. The tact with which you express yourself is indeed commendable and I am sure that if this particular person would stop and THINK ahead, not just blunder ahead, that he would see the danger with which we are confronted. He said that the football players are not getting enough money for the beatings and bruises they sustain. If we are going to pay our football players a salary, I agree with him wholeheartedly. But, does he realize what professional football would do for a college? Apparently he does not. Among a lot of other things it would; 1. Cheapen the school until no parent would send his children to the school. 2. Make the school a laughing stock for other colleges, and 4. Belittle the school officials. Yet, this is the way he wants our school to be. We must not rationalize a situation such as this.

Your efforts in trying to defend the M.S.M. football squad are admirable but, needless to say, the sportsmanlike qualities of our football team should speak for themselves without requiring a poorly written example of "soap box" oratory.

Sincerely,
"The Twins"

Father: Why do you have dates with that girl?

Stew Dent: Because I want to. Father (suspiciously): Want to what?

Breezes From The Windjammer

In almost any group of human beings, one can find a few who are always trying to get into the public eye (like a cinder) just to satisfy their inner craving to be something or somebody. One of the ways this is done is to climb board a band wagon (one of the causes of the moment) and appear in a prominent position. Recently many people have found themselves in the "public eye" by the way of an investigating committee. This is a sure means of getting headlines, bal-lahoo, and a reputation.

If you want to be investigated it is suggested that you follow these simple rules:

- 1). Register as a Special Student; look down upon others who are not.
- 2). Write letters to the MINER. The trick here is to figure out the prevailing campus opinion and take a stand in opposition to that opinion.
- 3). To be radical you must have a radical atmosphere about you. Try wearing your clothes for three weeks at a time. This will give you that radical air.
- 4). Use insense in your room. Offer visitors fresh hot tea from

the samovar! This makes you sound very left-wingish.

5). Condemn everything you don't like as being "feetly and capitalistic."

6). Always talk very loudly and convincingly on any subject that is under discussion. Don't bother finding out about the subject beforehand, it only louses up your best arguments.

7). Rush to the nearest coffee shop after every class and just sit. Never buy anything, just sit. Even if you have two classes right together, rush out to the coffee shop in the ten minutes between them. Makes people think you stay there all the time. Very extremist.

8). Carr a copy of Das Capital at all times. You don't have to read it; just be sure everybody sees you carrying it. You might try getting it in the original language.

9). Advocate free love within the hearing of girls, just girls in general. This has two results. They hate you or make up to you.

10). Join the staff of the Miner, or some other subversive organization.

M.S.M. Physics Dept.
Rolla, Mo.
Nov. 2, 1951

Editor, Missouri Miner,
Missouri School of Mines
Rolla, Missouri

Dear Sir:

Concerning the battle between Mr. Blackmon and the "M.S.M. play for money boys," as you have termed it, I have nothing to say at the present.

But please let me point out that Mr. Blackmon is not rotten, cheap, nor is he an insignificant pipsqueak. Certainly his scholastic standing has nothing to do with "writing articles about people trying to do their jobs."

Yours truly,
Bob Kelly

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14TH AT OAK ST

Pikers Have Steaks Spiced With Pine Oil

This week finds the Pikers burrowing a tunnel under the snow from their front porch to the MSM campus. Everyone is making good use of his boots which have just been sitting around waiting for a little snow and mud. There is a rumor going around that pledge Johnny Knapp has never before seen snow. That's all right John, you can still put away more than your share of that rare delicacy, Hoffman's Hominy. While on the subject of food, has anyone tried steak a la pine oil disinfectant? Thanks to pledge Jim Franklin's noble attempt to clean the ice-box we now have steaks spiced with pine oil.

"Drink broke up my home."
"Couldn't you stop it?"
"No, the damn still exploded."



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"SANTA FE"

Sun., Mon., Tue., Nov. 11-12-13
Sun. Continuous from 1 p.m.
Jean Peters - Louis Jourdan
"ANNE OF THE INDIES"

LET'S GO TO

The RITZ Rolla

— ALWAYS 70 DEGREES —

Fri., Sat., Nov. 9-10
Double Feature Program
Sat. Continuous from 1 p.m.
Admission 10 and 30c

Frank Lovejoy - Dorothy Hart
"I WAS A COMMUNIST
FOR THE FBI"

Danny Kaye - Gene Tierney
"ON THE RIVIERA"

Sun., Mon., Tue., Nov. 11-12-13
Sun. Continuous from 1 p.m.
Admission 10 and 40c

Spencer Tracy - Diana Lynn
"THE PEOPLE
AGAINST O'HARA"

ROLLAMO THEATRE

— Rolla's Family Theater —

Fri., Sat., Nov. 9-10
Double Feature Program
Sat. Continuous from 1 p.m.
Tommy Cook is
"THE VICIOUS YEARS"

Maria Hart in
"CATTLE QUEEN"

Sun., Mon., Nov. 11-12
Sun. Continuous from 1 p.m.
Admission 10 and 25c
John Barrymore, Jr. - Chill Wills
"HIGH LONESOME"

E. E. DEPARTMENT DEVELOPMENT

(Continued from Page 1)
Linear Systems, Servomechanisms, and Advanced Electromagnetic Waves and Radiation.

E. E. Teaching Staff

The Electrical Engineering Department during the present semester has 10 members of the teaching staff; they have major activities and interests as follows:

Instructor Palmer L. Anthony has had training and experience in electrical machines and circuits and is in charge of courses in these subjects for civil engineering students. He is working on requirements for a Master's Degree in Electrical Engineering at MSM.

Instructor C. James Grimm has had a broad experience over a period of twenty years in teaching, in design and consulting work for the British Air Ministry, and later as senior electrical engineer on the European Theatre of Operations consulting staff. He is in charge of a course in fundamental principles of electrical engineering for sophomores and various courses in electric circuits and machines for students in mechanical and mining engineering curricula. He is a registered professional engineer in Missouri.

Assistant Professor A. W. Grove has had many years experience in electrical engineering practice in various fields related to electrical machinery and had teaching experiences at Rhode Island State College before coming to MSM in 1948. He is in charge of electrical machinery courses for senior E. E. students. He is a registered professional engineer in New York state.

Assistant Professor H. R. Horton has had a broad experience with Westinghouse Electric Corporation, Pittsburgh Railway Company, and St. Louis Public Service Company in various types of engineering and management problems. He is in charge of several courses in electric circuits and machines for students in mechanical, chemical, metallurgical and ceramic engineering curricula. He is a registered professional engineer in Missouri.

Professor I. H. Lovett has completed thirty years of service at MSM. He serves as department chairman and presents courses related to electric power systems, and power network calculations. He is a registered professional engineer in Missouri.

Assistant Professor R. E. Nolte served as Engineering Officer,

U.S.N., Assistant Electronics Officer, Charleston Navy Yard, and had teaching experience at Iowa State College before coming to MSM in 1949. He is in charge of courses in electronics, communication networks, and in television. During summer vacations he is working on requirements for a Doctor's Degree at University of Illinois.

Assistant Professor J. W. Rittenhouse had experience in electric power transmission and distribution equipment, and as officer in charge of Signal Corps inspection in various areas before coming to MSM in 1947. He is in charge of various courses for electrical engineering juniors and seniors in electrical machinery, electric power transmission, and in electronic and power control systems. He is a co-author with Dr. J. Zaborsky of a book on electric power transmission now under preparation. A paper by Professor Rittenhouse titled "A Study of Cathode Drift Compensation in Direct Coupled Amplifiers" has been accepted by the A.I.E.E. paper committee for presentation at a general meeting with date not yet scheduled. Prof. Rittenhouse is a registered professional engineer in Missouri and is working on requirements for a Doctor's Degree at Purdue University.

Instructor G. F. Sinnamon had pre-radar training and experience in U. S. Signal Corps, and teaching experience in army service courses before coming to MSM in 1949. He is in charge of courses in principles of alternating currents, electrical measurements, and fundamentals of radio. He is working on requirements for a Master's Degree at MSM.

Assistant Professor G. G. Skitek had experience as Electrical Engineering Officer, Army Air Corps, on design of electrical instrumentations on aircraft, and on tests of propeller equipment before coming to MSM in 1946. He is in charge of courses in radiation and antenna systems, advanced radio engineering, electrical transients, and ultra-high-frequency techniques. During summer vacations he is working on requirements for a Doctor's Degree at Ohio State University.

Associate Professor John Zaborsky had teaching experience at Royal Hungarian Technical University after completing requirements for degree of Doctor of Science in Engineering. In addition he served as Chief Engineer in charge of the design and development of the transmission and distribution system of the municipal power system for the city of Budapest, before coming to MSM in 1948. He is in charge of courses in power transmission circuits, power system stability and protection, mathematical analysis of electrical engineering problems, and in servo-mechanisms. He is a co-author with J. W. Rittenhouse of a book on electric power transmission. He presented a paper on Capacitor Switching Phenomena with R. C. Van Sickle of Westinghouse Electric Corporation, at the 1951 Midwinter A.I.E.E. meeting at New York, and will present a paper with C. F. Cromer a former graduate student, on Fast, Approximately Short Circuit Calculations on Secondary Networks at the 1951 Fall General A.I.E.E. meeting at Cleveland.

Graduate Program and Research
In 1946 a program leading to a Master's Degree in Electrical Engineering was started at MSM with the first M.S. in E.E. degree awarded in 1947 to H. L. Seneff, Jr., now Assistant Professor of Electrical Engineering at University of Missouri at Columbia. In this program which was developed to meet demands of former military service men, a group of eight men was graduated in May 1951. At the present time there are eight men registered as graduate students.

Research work in various fields in electrical engineering has been carried on as part of the graduate program with subjects listed as: Analysis of Simultaneous Faults by the Meth-

od of Symmetrical Components; Design and Construction of an Electronic Gain-Phase Meter; A Study of Cathode Drift Compensation in D-C Amplifiers; A Study of Relay Behavior Under System Oscillations; A Study of Radio Frequency Converters and Mixers.

E. E. Student Organizations
The joint student branch of the American Institute of Electrical Engineers and of the Institute of Radio Engineers established at MSM in 1948 is one of the first of such joint branches established at engineering colleges. The interests and activities of students in various fields of electrical engineering are maintained in a single organization with a more active program than would be possible with separate organizations. Activities of this organization include discussions by leading engineers, student participation meetings in which talks of a technical type are presented, technical papers prepared for presentation at A.I.E.E. student conferences, and various types of social meetings.

The Radio Club includes members who are particularly interested in amateur radio broadcasting.

The newest student organization in the department is Theta Mu, an Electrical Engineering Honorary Society, which was established in December 1950. This is a preliminary organization the purpose of which is to make preparations for recognition by the National Society of Eta Kappa Nu, when Theta Mu will become the MSM chapter of Eta Kappa Nu. Some of the activities of Theta Mu are: preparing, distributing the Electrical Engineering Department News Letter that is sent out each semester to electrical engineering alumni; selecting the outstanding senior electrical engineering student of the year; offering cash awards for the best A.I.E.E. - I.R.E. student paper.

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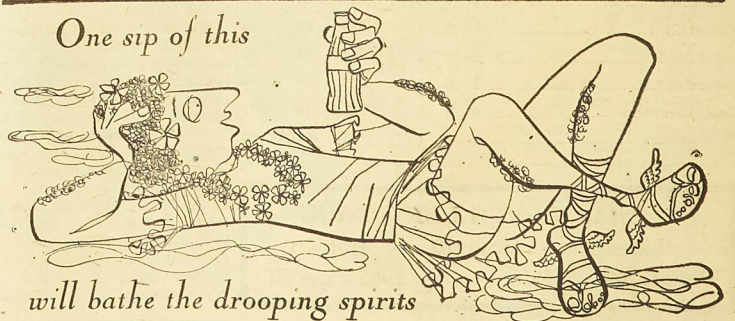
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