



13 Nov 1953

The Missouri Miner, November 13, 1953

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NOVEMBER 6, 1953
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THE MISSOURI MINER

Missouri School of Mines & Metallurgy

VOLUME 40

ROLLA, MO., FRIDAY, NOVEMBER 13, 1953

NUMBER 8

Newsmen Discuss Safety Program In Recent Meeting

AREA NEWS AGENCIES TO COOPERATE WITH STATE HIGHWAY PATROL

Newspapermen from throughout this area, law enforcement officers, military officials, radio representatives and interested civic group representatives met at the Nelson Hotel in Lebanon last Friday night to discuss ways and means to reduce the death toll on Missouri highways, more specifically on Highway 66. The meeting was an informal affair and was called to study ways and means of warning the public of the death menace constantly stalking those who travel the highways.

Sgt. Brummel, Troop I safety officer, led the informal discussion which lasted about three hours. He stated that the meeting was the brain-child of Editor Hilton of the Lebanon Daily Record, Lebanon Police Chief Walker and Laclede County Sheriff Brown, although Brummel was also highly instrumental in bringing the meeting about.

Highway Patrol Col. Waggoner, head of the Missouri State Highway Patrol, stated: "I am very alarmed at the large number of deaths on Missouri highways in the past couple of years, especially during this past month of October, and particularly including our teenagers."

Waggoner indicated that the teenage group appears to be the one group involved in most of the deaths and accidents. He also described the meeting of the newsmen and law enforcement officers as unique and said that he hoped this would be the forerunner of similar meetings throughout Missouri.

As the evening progressed, nearly everyone present at the meeting had his say on what he thought the press and radio of this area could do to help stop death on the highway.

The MISSOURI MINER, represented at the meeting by Daniel E. Groteke, will cooperate with the law enforcement agents by publicizing anything that might help to reduce the injury list and death toll on Highway 66.

M. E. DEPT. TOURS TRAILMOBILE INC. AT SPRINGFIELD, MISSOURI

About twenty members of the A.S.M.E. and the S.A.E. went on a tour of Trailmobile Inc., at Springfield, Mo., last Oct. 31.

They were conducted through the plant, by Luther R. Steele industrial engineer of the plant. Mr. Steele is a 1950 M. E. graduate of M.S.M. The tour covered the route of production from the time an order was received, to the final delivery.

Especially interesting to those in attendance was the engineering work required for each tank type trailer produced. Each trailer is designed and engineered to meet specifications to suit the customer's product, and the highway laws relating to the peculiar state in which the customer lives.

Trailmobile, a part of the Pullman Co., manufactures only tank type semi-trailers at this specified plant, but these tanks are designed to carry such things as molasses, gasoline, asphalt, bulk cement and methane. The cost of these trailers varies between \$5000 and \$15,000 with the ordinary gas tank trailer costing around \$10,000. Where necessary in design of tank trailers to carry gaseous substances such as nitro gas, these trailers must pass the standards for confined vessels as set up by the A.S.M.E. boiler code.

All the members that attended agreed that the tour was a most interesting and educational.

Theta Kaps Picked Up on a 905 Charge At Maramec Springs

By Jerry Spann

The highlight of last weekend for the Theta Kaps was their "outing" Saturday with the Beta Sigs out at Maramec Springs. Both of the groups had one 'ell of a good time. The best part was the exchanging of different uh — songs. The prize for the best one went (by mistake) to Yalaly in the form of two pockets of 905. One freshman, who had never been to the Springs before, took one look at the ancient smelting furnaces and said, "Dig dat crazy mixed-up barbecue pit". Bolger, the Brown Bomber of the Campus, was in the limelight for a while when he successfully beat up the same dog twice. Afterwards he was quoted as planning on retiring from the ring. By the way, the hit song "Ringdangdoo" has been taped-recorded, and will be aired over KTRR next St. Pat's. Later on the group shifted to the Cow House where someone dropped a couple of gallons of ice water from the roof to dampen the affair markedly.

The Theta Kaps are anxious to see these next five days really fly. Next weekend marks the date of our annual Pledge Dance. The plans are all set, and there shouldn't be any reason for a no to not have a good time, since You-Know-What "Thank God" will be over with. Friday night there is to be a hay ride (weather permitting), and an informal dance will be held Saturday. Music will be by Don Donnelly and Company; no minimum or cover.

The writer would like to take this opportunity and retract his derogatory remarks pertaining to the menu, and acknowledge the following convincing fact: Sam Gulotta was picked up on a 5:12. The charge — overeating.

Sigma Pi's Pledges Challenge Actives to Football Game

Maramec Springs was the scene of a pledge-active football game Saturday afternoon. The game was followed by a picnic and song-fest. It was quite a rugged game, producing many sore muscles and hangovers. Some of the pledges, who are not used to the rough sports we veteran Miners indulge in, succumbed early, but there were always more men ready to take their place. The game was won hands-down by the actives, who with the help of the officials (actives, of course), won about 40-0. Not that there was foul play, but the pledges never had a chance. And they were actually hobbling around because of the rough game. Its not the floor creaking, fellows — its just poor old Joe.

Has anyone noticed Harold Olsens moustache? He says he's growing it in for the Gay Nineties dance — we don't doubt it Harold, but which year?

Stan, the New Jersey Piney, says that if his girl doesn't stop telling him in her letters all about the fun she's been having with one of his old buddies, he's going to get mad. Wonder what it's like to be easy-going like that? We wonder what there is about those New Jersey girls that makes them so true? Seems someone else at the house has been having trouble with his New Jersey girl, too. Not to mention any names, but she lives in Franklin.

Question — what ever happened to the GONERS? Ashley and Hopler, stalwart char-

(Continued On Page 4)

ELEVEN SPELUNKERS SPEND TEN HOURS IN FITTEN'S CAVE, ARK.

By Andy Pifer

October 31st, eleven members of the Spelunkers Club traveled down to Harrison, Arkansas to visit Fitten's Cave.

Leaving Friday evening the group roughed it Friday night sleeping under the stars and cooking hobo style in tin cans.

Next morning, the fellows, realizing that the Spelunkers travel on their stomachs, filled up on a well balanced breakfast of scrambled eggs, sardines, goat cheese, and cider.

Upon dropping three feet through the small entrance, the floor slopes down into a huge room. Everywhere stalagmites and columns rose forty to fifty feet high.

In a passage off the main room, the group lowered themselves twenty feet through a crevice to another level.

This tunnel led to an underground stream flowing through a narrow canyon. The fluted white walls, although only three to ten feet wide, rose sixty feet high.

sometimes four and a half feet deep, the expedition waded upstream two miles to a room where a water fall dropped fifty five feet into a deep pool. Climbing from ledge to ledge seven of the more independent of the group, were able to reach the level of that falls and follow the water course upstream to another entrance.

After ten hours in the cave, the wet, tired, hungry Spelunkers climbed into their cars and headed back to Rolla.

Dick Detgen, Jack Weber, LeRoy Carroll, Bob Rickey, Bob Morton, Ken Escott, and Andy Pifer made up the mud-puppy eleven.

SIGMA GAMMA EPSILON INITIATES NEW MEN AT THE SCHOOL MINE

By G. V. Sancierano

The setting for the Sigma Gamma Epsilon initiation last Sunday, November 8, 1953, was the School Mine.

The nine pledges who were initiated are the following: Lester A. Brockmann, Mining - Petroleum, Missouri; Thomas D. Crutcher, Mining - Geology, Missouri.

Robert F. Grady III, Ceramics, Iowa (Graduate student).

Chas. A. Gudermuth, Mining - Petroleum, Missouri.

Reiner G. Haubold, Mining - Petroleum, Texas.

Leonard J. Keller, Mining - Geology (Petr.), Missouri.

William Dean McKee, Jr., Ceramics, Missouri (Graduate student).

John A. Moritz, Mining, Ohio.

Ellis J. Smith, Ceramics, Iowa.

The Sigma Gamma Epsilon fraternity is an honorary organization. Membership is by invitation. Those who are majoring in any of the earth's science subjects such as Geology, Mining, Metallurgy and Ceramics and who have maintained an overall grade point of 1.75 and have taken at least 14 hours of earth science with a grade point of 2.0 are eligible.

In a meeting held last Thursday night, Prof. Jay C. Dotson was elected as Chapter Adviser. He will replace Prof. William R. Higgs who was the former Chapter Adviser and at present Grand Secretary-Treasurer. This change in the Faculty Adviser will give other Associate Members (Associate Members are members in the Faculty) a chance to be more acquainted with the fraternity.

The initiation ceremony which was held at the School Mine was most impressive. It is the first of its kind in this school. A formal banquet to top this occasion will be held in the very near future.

NEXT WEEK'S INTERVIEWS

Monday, November 18

There will be no interviews.

Tuesday, November 17

The Hughs Tool Company will hold interviews for graduating seniors in the fields of Ch.E., Met., and E.E.

The Commonwealth Edison Company will interview students in C.E., M.E., and E.E.

The Ford Motor Company will interview students in M.E., E.E., C.E., Met. E., and Ch.E.

Wednesday, November 18

The Bell Telephone Laboratories will interview students in E.E., M.E., C.E., Met., and Physics.

The Western Electric Company will interview M.E., E.E., Ch.E., Met., and Cer. students.

The Southwestern Bell Telephone Company will interview students in E.E., M.E., C.E., and General Science.

The Sandia Corporation will interview students in the fields of E.E., M.E., and Phys.

Thursday, November 19

The Factory Mutual Engineering Division will interview all departments.

Friday, November 20

The Commercial Solvents Corp. will interview students in Ch.E., and M.E.

The Missouri Highway Dept. will interview students in the fields of C.E., and M.E.

The Union Electric Co. will interview students in E.E., and M.E.

Dr. A. J. Miles Invited By Air Force to Give Commencement Talk

Dr. A. J. Miles, Professor of Mechanical Engineering at the School of Mines and Metallurgy, has been invited by Air Force officials to deliver the commencement address before the graduating class of Flying Cadets at the U. S. Air Force Base at Malden, Missouri, on November 7. There are 100 cadets in the graduating class.

Air Force officials will send a plane to Rolla Friday evening, November 6, to take Dr. Miles to Malden. The Commencement address will be given the next morning and Saturday afternoon the Air Force will fly him back to Rolla.

Teke Pledges Enjoy King's Day; Prepare For Pledge Dance

Looks as if all the inhabitants of the Teke house are in for a merry time this weekend, what with everyone set up with dates, for a change. Even a couple of old die-hard stags have broken down. The boy to watch, though, will be Jim Lester. Jim surprised everyone last weekend including himself.

Tuesday, the shoe was on the other foot when the pledges celebrated their semester King's Day. The affair was very successful with everyone cooperating to the limit. Every dog has his day, as the saying goes, and the pledges really took advantage of theirs. However, the actives' day will be here before long.

This coming Monday at 4:30 p.m. the actives will take on the pledges in an intrahouse football game, with the losers providing the victors with refreshment. It should prove to be quite a game, with each team having its share of brawn and ability. May the better team win for the sake of sportsmanship and the aforementioned refreshment.

NOTICE

Tickets for the series of plays to be sponsored by St. Pat's Board are now on sale at the Business Office. All proceeds from the plays will go toward a bigger and better St. Pat's celebrations.

PROF HIGGS OF GEO. DEPT. ELECTED GRAND SEC.-TREAS. OF SIG GAM

By G. V. Sancierano

Among the new officers elected by the National Convention of the Sigma Gamma Epsilon honorary fraternity was Professor William R. Higgs of the Geology Department, Missouri School of Mines. He was re-elected as the Grand Secretary-Treasurer of the organization. It will be his second term in the same office. The convention was held last 29th through 31st of October, 1953, in Salt Lake City, Utah.

The student delegate representing the Missouri School of Mines Chapter was your reporter. He was appointed to the Nomination Committee whose primary task was to screen nominees for the various offices in the Grand Council that were opened and to render a report of its deliberation before the general assembly of the names of those who were approved or disapproved by the Committee.

Following the registration of the delegates from forty-six (46) colleges and universities throughout the country, the Convention was formally declared in session. The first item on the agenda consisted of delegates reporting individually on the actives and financial status of their Chapters. This was succeeded by reports from the Grand Council and Professor Higgs gave his as the Grand Secretary-Treasurer. The next day was spent in field trips.

The election of officers was held during the business meeting. Professor Higgs' victory in the election was a very closely contested race — winning only by a one vote over his opponent. At least the school catalog would not have to be revised next year as it pertains to information that the Missouri School of Mines is the National Headquarters for the Sigma Gamma Epsilon fraternity. All of Professor Higgs' and one out of two of your reporter's proposals for amendments to the Constitution were approved in the meeting also.

DR. HINSHAW SPEAKER AT THE INTERNATIONAL FELLOWSHIP MEETING

Dr. Cecil E. Hinshaw, nationally known educator and author will be featured as guest speaker at the International Fellowship's next meeting Friday, November 13 at 7:00 p.m. in Room 107, Mining Building. Dr. Hinshaw will address the group on "The Price of Peace."

Dr. Hinshaw graduated from Friends University in Wichita, Kansas, attended the University of Denver, The Iliff School of Theology, and Harvard University for his graduate work. After seven years in pastoral work, Dr. Hinshaw was chosen as professor of Bible and religion at Friends University, resigning three years later to go to William Penn College in Iowa as Dean of the college. Later he became President of the college, serving over five years in that capacity. His resignation in 1949 resulted in editorials praising his educational principles and policies in a number of magazines and newspapers across the nation.

Since 1949 Dr. Hinshaw has been traveling throughout the United States under the auspices of the American Friends Service Committee and his visit to Rolla Friday night is sponsored by that organization.

During his tour he has covered many interesting topics such as:

"Weapons of Love", "An Adequate and Moral National Defense", "War or Peace", "Was Gandhi Right?"

The International Fellowship's meeting will be held in Room 107 of the Mining Building at 7:00 p.m. Friday, November 13. You are cordially invited to attend the meeting and party.

Broadway Comes To M.S.M. Monday Nite

KA's Thwart Invaders With Water Reception After Anonymous Call

Well here is the latest (to say the least) from the Kastle.

Bushman Ware and a motley crew of pledges were seen playing football on the tennis courts. Significant effects were seen on the persons of most of the players in the form of abrasions and variously placed bruises. By the way, Ware's team took an unmerciful beating at first but made a nice comeback.

Later that evening while recovering from injuries sustained, an anonymous telephone call was received warning the Rebels of a plot to storm the Kastle. The spirits of the invaders were somewhat dampened by the reception they received, and we fear that our traditional Southern hospitality may have been misinterpreted but we should like to remind the invaders that the water used was warm, in consideration of the cold weather.

We would like to take this opportunity to express our appreciation to those who warned us that there were foul deeds afoot.

A weird bit of modernistic artistry has evolved on the second floor of the Kastle. The sculptor is unknown but many names are accredited with having a finger in the designing of it. This bit of decoration is appropriately named the Shaft. We believe that as it now stands it is the peak of perfection. Rumors are that the French Government is interested in purchasing the masterpiece for display in the Louvre. Any loud shrieks and moans coming from the old Kastle may be attributed to this masterpiece.

Well, as the monkey said to the butcher, as he cut his tail off, it won't be long now (mid-semester, that it). So long, till next time.

By Bob Beck

Theta Xi Decorated By Pledges for Big Dance on November 14

Art "Percy" Hanley really has troubles. It seems that for the past few weeks he keeps cutting his lips and it looks like he is bleeding to death.

We would like to rectify an error in last week's issue. It seems that this writer was so engrossed in his own love life that he accidentally put his roommate's name in the paper. My apologies to Jack Canady.

The pledges are working on their plans for decorations on the house for the dance Nov. 14. So please don't get scared by the strange fixture hanging on our front door. The pledges aren't telling anyone what they plan to do with it, but we should know by next Sat., we hope.

Our handball team, consisting of Jack "gee-gee" Topen and Bill Banks in the doubles, and Marty "Scrounge" Prager playing singles hopes to start things rolling this week.

Coach "Sponge" Korn has high hopes for our "Hardwood Five" as we start the basketball season. We even have bus this year.

We hear through the grapevine that Art "dish-water" Canady was almost stoned to death when he went to visit his better half at Monticello. What's the trouble John, didn't the girls have a sense of humor?

It seems that one of our pledges was showing off the other night. Joe "Beer-but" Mickes attempted a one and a half forward flip off the edge of his upper rack. Luckily his fall was broken by an upright b --- can. How about showing us your scar?

ST. PAT'S BOARD SPONSORS "LO AND BEHOLD" AS FIRST OF SERIES

Broadway will make its first appearance in Rolla this season, on the M. S. M. Campus, in Parker Hall. The Civic Drama Guild of New York is supplying the students and residents of this community with three hilarious comedy hits.

Monday, November 16th, the curtain will go up on "Lo and Behold" co-starring Phyllis Manning and Arthur Edwards. "Be Your Age," the second comedy hit will be presented December 14th, and "Mr. Roberts" will wind up this wonderful entertainment January 25th.

Tickets, which are \$5.00 plus tax, will be on sale at the MSM business office, Gaddy and Rolla Drugs, until Monday. Any remaining tickets will be sold at the door on the night of the first play. Everyone possessing a ticket is guaranteed a seat. The seats are first come, first serve. (No Reservations)

The St. Pat's Board wishes to remind you that one ticket will admit the owner into all three plays.

We'll be looking forward to seeing you this coming Monday night. Don't forget, the doors open at 7:00 p.m., and the curtain will go up at 8:00 p.m.

ROB SHIVELY GUEST SPEAKER AT ACS; NEW MEN ASKED TO MEETING

The monthly meeting of the Missouri Mines branch of the American Ceramic Society was held Wednesday evening, November 4th. Highlighting the program were a talk on "Glass and its Contribution to Mankind" by Robert R. Shively, Sr. a glass technologist and Vice-president of B. F. Drakenfeld & Co., Inc.; and a film "Master of Fire - the Servant of Industry", a story of refractories filmed at the A. P. Green Co. at Mexico, Missouri. These were followed by the regular business meeting, after which refreshments were served.

Many new faces were seen, which men we would like to invite back again. The ACS would also like to extend a cordial invitation to all men on campus who think they might be interested in Ceramics to attend our next meeting, which will be held in the Ceramics Building December 2nd, at which time guest speaker Robert L. Day, sales representative of Leeds and Northrup Co., Philadelphia, Pa. will give a talk regarding instrumentation for the automatic control of firing operations. The society meets regularly the first Wednesday of every month, so plan to be there and learn more about Ceramic Engineering, and its many opportunities today.

SEVEN MEN INITIATED INTO ETA KAPPA NU

At its formal initiation Saturday afternoon, November 7, the following men were initiated into Gamma Theta Chapter of Eta Kappa Nu.

Campbell Barnds, Martin Barvyski, Earl Bunney, Fredrick Burns, Donald Gessley, Richard Kaiser, Miklos Nagy.

Following the initiation a banquet was held in honor of the initiates at the Pine Room. Dr. Eric T. B. Gross, National President of Eta Kappa Nu was the guest speaker. Dr. Gross gave a very interesting talk on the overall activities of Eta Kappa Nu and of plans for the golden anniversary celebration to be held at Urbana, Illinois in the fall of 1954.

THE MISSOURI MINER



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

Subscription Price \$1.00 per Semester. (Featuring Activities of Students and Faculty of M.S.M.)

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Back to the cold, hard world of reality. Back to the brutal merciless realm of stabs, jabs, shafts, and mental torture. Return from the make-believe world of the future to the rigors of educational process. Back to M.S.M.

M.S.M. is a factory in Rolla, Missouri which takes young, innocent, gullible men and by a complex system of hardening, tempering, forging, and general revamping, produces a mental giant, an engineer. A cold, mechanical shell of a man, the engineer is processed so as to lose all human aspects and become a factual collection of statistics, formulae, and constants. Quality control is a prime factor in the manufacture of Engineers. Much raw material is fed into the freshman hoppers, but a minute fraction finally emerges on the conveyor belts of final inspection.

The discarding of faulty or imperfect assemblies is where the Mine Shaft fits in. It's a long drop.

The Engineer is powered by a type of nuclear pile which utilizes the power of the Ethyl Alcohol molecule when split by high potential mental impulses generated periodically by the presence and electrifying influences of a creature classified as Homo Sapiens, Gender Females. An extremely important necessity in the practical operation of the Engineer, the lack of Gender Females, partially explains the high rate of elimination due to insufficient efficiency in operation.

To further tax the mental prowess of the unfinished product, the supply of fuel is extremely limited, or rather rigidly controlled. The obtaining and consuming of all important C₂H₅OH is a science in itself, which further provides "survival of the fittest."

The student engineer must, at all times, be prepared to omit technical knowledge of material being studied in any course. This ability is periodically, or usually spasmodically tested by a device known as the "shotgun" or more commonly, "shafts". The shaft is delivered at such a time as the instructor feels the victim or victims are least likely to know anything concerning the subject at hand. Then, without a trace of warning, he strikes. A morbid contrast in the method of administering a shaft exists among the faculty. Some take a cool, calm, matter-of-fact attitude, much as to say - "I say old chaps, - would you be so good as to put down these few wee, piddling, lil' ol problems on a scrap of paper before you go?" Similarly, some Profs excuse the shotgun as a constructive way of taking roll. On the other extreme are fiery-eyed friends who pass out the quizzes and pause at each student to amuse himself with the shocked or grief-stricken expressions. Then he prevents anyone from getting anything done by chattering and cackling about the percent of his classes he will flunk.

The Engineers are a woeful lot, and their tale is a sad one indeed. Yet the mention of still another institution more terrifying and horrible than our own, will strike fear in the Miners heart. This institution also attacks on a piece of paper. The test is far simpler however. It reads "Greetings!" The moral of this exposition is "Kwetchurbitchen".

"You know darling," the young man confided, "every time I see you, my heart beats faster. I feel the urge to do bigger and better things. I feel so strong and virile. Do you know what that means?" "I sure do," the girl declared. "It means that in about five minutes I am going to have to slap your face."

A new model agency is under consideration. It will be called the National Broadcasting System.

Overheard at a party: "Do you drink?" "Nope." "Swell, hold this bottle while I tie my shoe-lace."

"You're taking accounting, aren't you, son?" "Then that accounts for the brassiere in your laundry last week."

All a sweater did for her was to make her itch.

let's go roller skating tonight

Stop wondering what to do... where to go... Roller skating is thrilling fun... clean sport and swell recreation.

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THE CAMPUS PHILOSOPHER

As the presentation of Logic in relation to Engineering progresses, the amount that the so-called average reader grasps of the subject matter diminishes—so I gathered. It appears that the terminologies used in the analyses are not understood. The usual reason seems to be that the average Miner has not met the word or words before. It is my belief that I should digress from the main topic and express my views on journalism and literary writing among engineers and engineering students; for a settlement of the kind of engineers we should be shall benefit all.

The word "average" Miner has been emphasized. For a good reason, too, because it is important to clarify what we really mean by an "average" Miner. The sense is not the same as the "average" individual. A student in a university or college has, by the fact that he is willing to pursue higher studies, lifted himself from the category of the average individual. He is, in other words, not in the same class as far as work towards higher learning is concerned. And the word "average" Miner therefore acquires a new meaning or has it? It is my opinion that this term only refers to students who are doing fair in their schoolwork and that they are neither very bright nor very dumb.

From this term "average" Miner an implication arises: He wants his non-technical literature as simple as adding two and two. There is no disagreement on this point but the sad part about it is that he refuses to think and give the subject matter a thought. Where it is thought-provoking and taxing

UPTOWN

— Always First Run —

Thur., Fri., Sat., Nov. 12-13-14
Shows 7 and 9 p.m.

Richard Widmark - Jean Peters
"Pickup on South Street"

Sun., Mon., Tue., Nov. 15-16-17
Sun. continuous from 1 p.m.
Gary Cooper in
"Return to Paradise"

Wed., Nov. 18 Only
Shows 7 and 9 p.m.
High School Benefit Show
"I Was a Male War Bride"

RITZ
Rolla's First 3-D Theater
Fri., Sat., Nov. 13-14
Sat. continuous from 1 p.m.
Fred Astaire - Cyd Charisse
"Band Wagon"
and
Rhonda Fleming
William Lundigan
"Serpent of the Nile"

Sun., Mon., Tue., Nov. 15-16-17
Sun. continuous from 1 p.m.
Coley Wallace - Hilda Simms
"Joe Louis Story"
Wed., Thurs., Fri., Sat.,
Nov. 18-19-20-21
2 Shows Each Night
Sat. cont. 1 p.m.
"Devils Canyon"
Virginia Mayo and
Dale Robertson

ROLLAMO
"Rolla's Family Theatre —"
Fri., Sat., Nov. 13-14
Sat. continuous from 1 p.m.
Whip Wilson in
"Montana Incident"
plus...
Craig Stevens - Joyce Holden
"Murder with out Tears"
Sun., Mon., Nov. 15-16
Sun. continuous from 1 p.m.
Leo Gorcey - Huntz Hall
"Loose in London"
Tue., Wed., Nov. 17-18
Adm. 10c - 25c
Ray Milland - Hedy Lamar
"Copper Canyon"
plus
"Tropic Fury"
Nov. 19 Only
Shows 7 and 9 p.m.
Linda Darnell - Joseph Cotten
"Two Flags West"

EDWARDS ELECTED TO FILL THE POSITION OF ALUM. ASS'N. SECRETARY

The Alumni Association of the Missouri School of Mines at their Annual meeting created the position of Executive Secretary to meet the needs of the expanding program of the association. Francis C. Edwards was employed to fill this position. Mr. Edwards, better known as "Ike," is a graduate of Northwest Missouri State College and comes to the Association with 22 years of administration and organization experience. His most recent employment was with the American National Red Cross, serving over ten years with Service to Military Installations.

Mrs. Edwards and their daughter plan to join him at Rolla at the end of the present school year.

The Alumni Association now has offices in Rooms 208 and 209 in the Old Metallurgy Building on the MSM campus.

one's imagination, he discards it, soon he has nothing. Let me counter with this question: Is his technical literature as simple as he wants his non-technical readings? The answer is obviously a big NO. He tries though but never is successful. To understand a technical literature one must have the background for it and the same holds for non-technical literature.

Since an engineer must associate with people, since he cannot talk shop all the time, since his is a service to the community, and since the application of engineering largely depends on his knowledge of the needs and demands of the consumers, he is compelled to understand all phases of human endeavor and studies. The Engineer designs and produces for the welfare of the people, which is his prime responsibility to society. Tools of war are incidental and are exceptions because they are in contradiction from the main duty. It should be pointed out however, that even our atomic resources are committed for peace and secondarily for self-protection only.

Chi Epsilon Pledges Five Men; G. H. Dyer Elected Honor Mem.

A meeting of Chi Epsilon, honorary Civil Engineering Fraternity, was held in Harris Hall November 4th, 1953. Plans were made for the initiation of pledges on Dec. 10 for a banquet immediately following at the Colonial Village.

Garvin H. Dyer, President M. S. P. E., was elected the chapter honor member. The following students were pledged: John Best, Frank Leroy Carroli, Leon DeLarm, Gunther Helm, and Sam Thompson.

The pledge project for this semester was to bring up to date the names and locations of all Civil Engineering graduates of the school.

Plans for giving a sophomore award to the outstanding sophomore in Civil Engineering were discussed. A set of books and a certificate of merit was decided on.

Wife to Husband: "I scratched the front fender a little dear. If you want to look at it, it's in the back seat."

A hug is energy gone to waist.

DR. A. J. MILES RESEARCH USED IN CONSTRUCTION OF ROCKETS BY NAVY

The Mechanical Engineering Department at MSM under the direction of Dr. A. J. Miles, Professor of Mechanical Engineering, has for the past year been carrying on research for the United States Navy in the field of Rockets. Dr. Miles has just received word that the Navy is now using the results of this research in the manufacture of certain types of their rockets. Assisting Dr. Miles in the study were Prof. E. C. Chase and Archie Culp, graduate student in the Mechanical Engineering Department. Also Norbert Neumann of the Metallurgical Engineering Department.

Recruiting for national services passed a crisis recently in London when a young man, summoned by the medical board, was pushed into the place in a wheel-chair. The chief medical officer glanced up. "Oil his wheels," he ordered, "and pass him fit."

"The boss wanted someone for the job who had guts," bragged the 300 pound driller.

Boris who comes from Czechoslovakia has been in this country only a few months. He does not speak English very well, and in conversation one day was asked, "Boris, what is it that you are most anxious to see in America?"

"Well," replied Boris, "I weesh most to meet dat famous Mrs. Beech who have so many sons in da last war."

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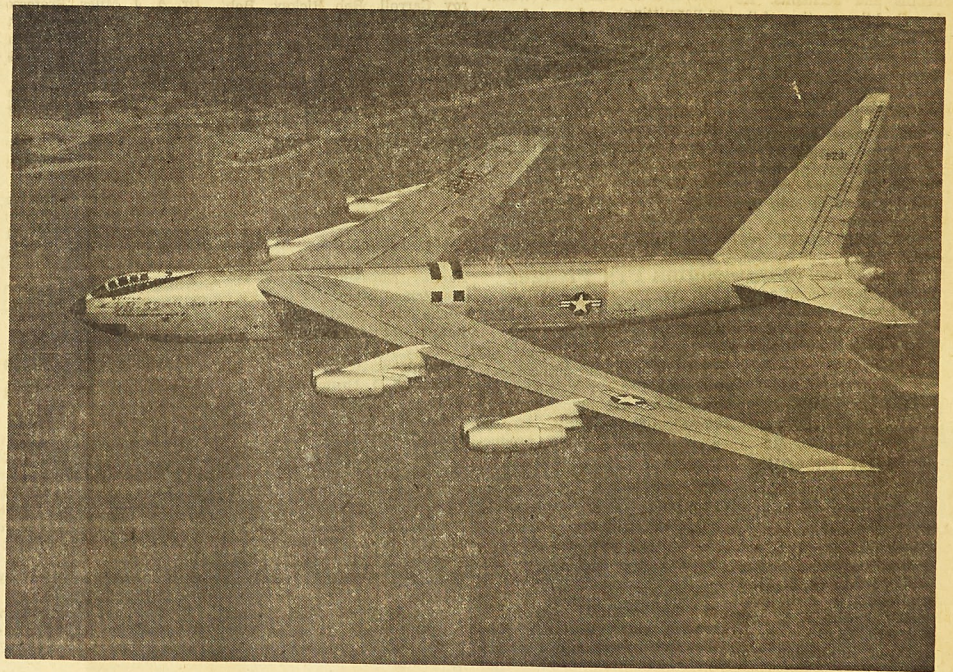
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SPORTS PAGE

FRIDAY, NOVEMBER 13, 1953

THE MISSOURI MINER

PAGE 3

Miners Have Best Game of Year Beating S.I.U., 28-7

Records Fall Before 1953 Edition of Miner Football

By Ted Radecke and Al Wentz

While this year's Miner football team was not the most victorious in the school's history, more convincing evidence of our team's strength is brought out in their statistics, for the eight game schedule which they played, the team gained a total of 1289 yards rushing. They scored eight touchdowns in this manner. The M.S.M. backs averaged 4.2 yards per try from the line of scrimmage. As college standards go, this ranks high on the list.

Bill Roerman led the team in yards gained rushing with 419 and four touchdowns. He was closely followed by Keith Smith who had 400 yards even. This combination gave the Miners a very potent one-two punch in the backfield. K. Smith sported a 5.4 average for yards gained per try to gain top honors there.

Passing

Dick Hampel and Pete Weitzel were the big guns in the passing department. Hampel, who by the way, did a very fine job quarterbacking the team, tried 115 passes and completed 44 of them for a percentage of 38.2. Weitzel, who didn't get a chance to pass as much, had a better percentage 46.3.

The Miners caught a total of 64 passes that were good for 990 yards and five touchdowns. Ralph Moeller was on the receiving end 22 times for 286 yards. Val Gribble nabbed 13 passes,

but gained a total of 285 yards and three touchdowns.

Keith Smith

K. Smith was all alone in the total offensive bracket. He racked up 836 yards in rushing and in pass receiving. Moeller was second with 473 yards. He was followed by Roerman at 419 yards.

During the regular football season the Miners established their share of records. The squad broke several marks, both team and individual.

Bill Roerman and Dick Hampel, the fullback and quarterback respectively, shared individual honors. Roerman rushed for 138 yards against Warrensburg. This broke the old mark of 121 by Proctor, in 1951. Hampel, who was equally outstanding with his fine passing entered his name into the MSM record book five times. He established records in such things as; most passes thrown in one season (115), best average for completed passes in one season (15.5 yards), and most passes thrown in one game (26).

His average of 21.9 yards per completed pass against Southern Illinois University topped another mark set in 1951 by Bullman. This was a very deciding factor in the outcome of the game which the Miners won 28 to 7. He also had a 34.7 yards punting average for the year. His mark topped the average of 34.4 set in 1948.

INTRAMURAL Sports

By Bob Herron & Jim Greco
With Intramural sports taking a week off, it is now back again with Basketball and Handball.

TWO LEAGUES

There are two Intramural Basketball leagues. The Silver League and the Gold League. In the Silver League we find Kappa Sigma, Dormitory, Theta Kappa Phi, Engineer's Club, Pi Kappa Alpha, Theta Xi, Tau Kappa Epsilon, and Triangle while Tech Club, Sigma Pi, Sigma Nu, Lambda Chi, Sig Phi Epsilon, Kappa Alpha, Wesley, and Beta Sigma Psi comprise the Gold League.

The games will be played under the following rules:

1. Official Intercollegiate Basketball Rules with a few exceptions.
2. Squad number will be unlimited.
3. Two 15 minute halves will be played.
4. Each organization shall provide one man for scoring and one for timing.
5. 5 one minute time outs will be allowed each team.
6. Tie games shall be played off with one two minute overtime period. Then sudden death, with the first team to score 2 points the winner.

HANDBALL

A few games have been played in handball already. In the singles Lambda Chi was downed by the Tech Club, the Eng. Club beat Triangle, T.K.E.

"AS I SEE IT"



By Joel Cooksey

For a partial rundown on college football, let's look first to the middle west. Last weekend the "Fighting Illini" downed their fourth straight Big Ten opponent, Michigan, by the score of 19-3. This brings this season record to six wins, no losses, and one tie. They still have two conference clashes as they must face Wisconsin this Saturday and Northwestern on November 21. Illinois needs a win over either of these teams to throw them

downed Theta Xi, and Kappa Sig drew a bye.

In the doubles the Tech. Club again came out on top by beating Theta Xi. Sig Phi Epsilon beat Kappa Sig and T. K. E. came out on top by beating Pi K. A. Lambda Chi drew a bye.

BASKETBALL

Four basketball games were played thus far. Monday, Nov. 9, in the Silver League, the Dorm. beat Triangle 34-32. Also, in the Silver League in a game played Tuesday Nov. 10, T. K. P. beat the Eng. Club 36-30. In the Gold League Monday Nov. 9, Sig Nu beat Beta Sig 29-26. Nov. 10 in the Gold League, Lambda Chi was downed by Sig Pi 37-32.

These close games show that the teams are all good so all the games should be very good.

Great Offense Makes For Easy Victory

Seniors Star In Last College Game

The Miners took the lead early in the first quarter and went on to win the game by 21 points showing a great offensive attack.

The scoring for MSM was as follows: K. Smith on a 60 yd. punt return; Moeller on a plunge from the one; Gribble on a pass from Hampel; and Cole on an eight yard buck. SIU made their debut for a score early in the second quarter where they plunged over for the touchdown.

Kickoff

Roerman kicked off opening the game and it was returned to the SIU 32. The next three plays netted a loss of one yard and Southern Illinois was forced to punt. Moeller received the ball and gained nothing. Roerman carried for 18 yards but Hampel chose to pass and it intercepted. SIU took over and after four downs, their threat was exhausted. They punted from their own 26, the ball sailing 34 yards. K. Smith took it on his 50 and made a spectacular run, sixty yards, for the T.D. Roerman's conversion was perfect.

Roerman's kickoff was taken on the 5 and brought back to the 15. Four plays later Southern Illinois was on the 29 with a first down at hand; however the next three plays didn't amount to anything, so they had to punt. K. Smith received it on the 12 and brought it back 10 yards. Three plays later ampel shot a pass to K. Smith who hustled 55 yards to the SIU 6. Roerman and Smith netted 5 yards and Moeller plunged over from the one. Roerman again converted.

Half Ends

The kickoff was taken on the 10 and brought back to the 34. The next three plays consisted of passes, the last one being intercepted by Moeller. The Miners got nowhere fast in their attempts and were forced to punt. Both teams handled the ball for the remainder of the half without either showing a serious threat. SIU finally scored early in the third quarter. Gribble's kickoff opened the second half and traveled only 11 yards. It was re-

turned 30 yards to the MSM 21. Several plays later SIU jaunted to the Miner 1 and after three futile bucks at the line, they made six points. The conversion was good and the score in the third quarter was 14 to 7 in favor of Rolla.

Hampel to Gribble

The kickoff was received by Hampel on the 15, who carried it 13 yards to the 28. Hampel passed to Gribble to the 42 and Roerman bucked to the 44 yd. line of SIU. The big four in the backfield netted 24 yards and Hampel pitched to Gribble good for 18 yards and a touchdown. Roerman converted and the Miners safely led 21 to 7.

Roerman's kick traveled 25 yards and was brought back to the 37 of Southern Illinois. Three plays netted a total of 34 yds. to the MSM 29, but this threat ended as the engineers held on the 14 until the downs were exhausted.

Roerman bucked for two yards and K. Smith on two plays gained 15 yds. to the 31. But the drive was halted and Hampel was forced to punt.

With about two minutes remaining, Southern Ill. made their last futile attempt but couldn't slip out of their own territory.

Cole Scores

The Miners took over on their own 23 where K. Smith barreled for 39 yds.; Fred Smith for 25 and Cole for the remaining eight yards and the final MSM touchdown. Roerman's conversion split the uprights.

The game ended 30 seconds after the kickoff as SIU lost the ball on a fumble. The final score was 28 to 7.

MSM made a good showing on extra points with Roerman making three and Fred Smith one.

The Miners ended the season with two victories and three defeats and placed fifth in the MIAA standings. Kirkville's Bulldogs completed a perfect conference season with five victories and no losses. Springfield finished second with three wins and two defeats.



Don't take my word, just take one puff
And then you will agree
You've never had a better smoke,
Cause L.S./M.F.T.

Martha E. Clark
Westhampton College

LATEST COLLEGE SURVEY SHOWS LUCKIES LEAD AGAIN



Last year a survey of leading colleges throughout the country showed that smokers in those colleges preferred Luckies to any other cigarette.

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Evelyn Ann Blum
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How They Stand

Notre Dame, the nations top team acquired their 6th straight victory by downing Pennsylvania 28-20. Baylor, last weeks number two team, dropped to number nine due to their loss to Texas 21-20. This weeks A. P. standings are:

1. Notre Dame
2. Maryland
3. Illinois
4. Michigan State
5. Georgia Tech.
6. Oklahoma
7. U.C.L.A.
8. West Virginia
9. Baylor
10. Texas

The Miners finished their season last Friday night by downing Southern Illinois University 28-7. The Miners played very good ball and should be congratulated on their victory. They finished the season with a 3-5 record.

Rich uncle: "Sorry you didn't like your gift. I asked you if you preferred large or small checks."

Poor nephew: "Yes, but how was I to know you were talking about neckties?"

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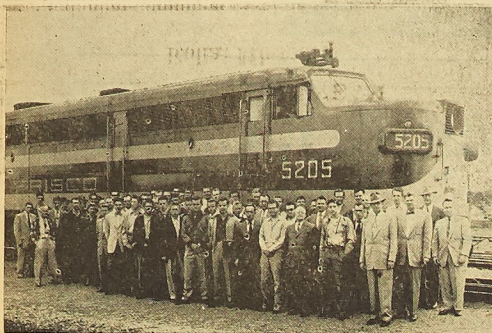
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AIEE-IRE at Springfield



Members of the AIEE-IRE are shown above during their trip to Springfield for the Miner football game Oct. 31. The educational phase of the program was planned in co-operation with the Frisco Lines.

ESPERANTOS GIVE BIG CHICKEN DINNER TO PROSPECTIVE MEMBERS

Chicken dinner was served Sunday evening (Nov. 7, 1953) for those who are interested in Esperanto, the international language. The President of Mosamo, Larry N. Fussell, and the Secretary, Richard G. Beecher, answered questions concerning Esperanto usage, organizations in high schools and colleges, and coming activities of Mosamo.

The host at the meeting was our Faculty Advisor, John M. Brewer, who was recently elected President of the Esperanto Association of North America. Professor Brewer stated that he had asked the New York Office of EANA for an all-Esperanto color film, which will be shown at a later meeting.

A group picture was made at the close of the meeting.

A group picture was made at the close of the meeting. The Esperanto exhibit, recently shown at Tucker's Restaurant, was used as a background.

The next regular meeting of Mosamo will be held in Room 305, Rolla Building, at 7:30 p.m., Wednesday evening, November 18.

Some of the advantages of learning Esperanto are as follows:

1. The accomplishment of learning a new language.
2. Fellowship with members of Mosamo who are making definite and sincere efforts to understand all peoples of the democratic world.
3. Broader interests and a broader knowledge of current international terms.
4. Letters which come directly from people of other lands.
5. Access to civic information

Beta Sig's Get Soaked While Singing Hit Tune 'Ring Dang Doo'

By Jack Weber

To the strains of "Ring Dang Doo," the initial Beta Sig-Theta Kap party got underway Saturday at Meramec State Park. The festivities started at 2 o'clock and finally wound up 12 hours later with the serenading of the fraternity houses. It seems some of the pledges considered this a quite "drippy" job but nevertheless we have a better chance in Intramural Swimming than we did before.

The deer hunting season found three of our Frank Bucks taking to the woods to try for a venison steak. All came back empty handed, but at least Don Haber took a shot at a "Big One". Dave Berg claims the only time he pulled the trigger was when a red-headed woodpecker above his stand died of lead poisoning. Seems the poor bird unwisely pecked a tune above Dave's stand when no deer were in sight. Temper.

This weekend the house will be invaded by femininity from St. Louis and all points North. A hayride will begin Saturday night followed by a dance here at the house. It promises to be a quite fabulous weekend since some of the men from the "Bird Sanctuary" will be attending.

from any of the 2200 International Delegates, in every continent.

6. A hobby that can be of value at all times.
7. Preparation for travel abroad.
8. A contribution to world peace.
9. Foreign stamps from Esperanto philatelists.

KAPPA SIGS NERVOUSLY AWAIT PLEDGE DANCE REPEL 'HANK SNOW CLUB'

At last the day has arrived, the day of our annual Pledge Dance. While some Kappa Sigs sit with crossed fingers and wobbly knees because of blind dates others brush their suits, shave (holy cow what's that), and count their money. The pledges worked hard and long planning this dance and shapes up to be a grand shining. Tomorrow the gang and their dates will migrate to Meramec Springs for a picnic and then that night the semi-formal dance.

With the coming of basketball season we have high hopes on coach Al Rudolph and the team. The members of this years squad are Sam Tompson, Dick Hirsch, Bob Schaefer, Frank Ellis, Dale Chapman, Carl Glaser, Ruede Wheeler, Jim Brentz, Bill Dowell, and Jim Funk. Some people have all the luck as a certain person on the third floor north west corner is not satisfied with one date in an evening, he has to have two. Seniors beware as the pledges have bought a case of ink this week. Any day now you may expect a present from these fellows.

Hide your shaving soap boys, as playbabies Elswick and Thompson might try to decorate the walls again. The Hank Snow fan club received a moist welcome Saturday as they found it raining under our porch. Too bad we missed the guitar.

SIGMA PI

(Continued from Page 1) ter members, have been to the "clubhouse" every Friday afternoon, but it seems the rest of the crew fails to appear. Is there any explanation? There are always excuses offered afterward, but they're getting pretty old. Lets get on the ball, guys, or we'll deactivate you. What a fate!

Did anyone ever see a gas gauge that reads half full when the tank is empty? Check Amundson's car if you want to see one. Now then he has the nerve to sit in the car while someone else goes to get gas. Gosh, it was cold. Luckily all the guys had their winter anti-freeze in that night.

Relief for Pikers After Quizzes; Take Off for Lindenwood

By Harvey Schulte

Now that national quiz week is over for the most part, some of the Pikers took off for Lindenwood, Mizzou - Oklahoma game, or home. It seems that the Lindenwood girls have been taught the ways of college men and are coping with them in a fascinating way — sort neat to see the suckers get trapped as Pierre might say.

We are proud to announce that Campbell Barnds has been initiated into Eta Kappa Nu. Nice going, Cam, let's keep up the good work.

Basketball, swimming, and handball practice are going full speed ahead. The singers are improving vastly — the songs are actually starting to sound harmonious.

Out of the black came the melancholy moose call of a bugler — one Beta Sig, followed by a mixture of Eta Sig activities and pledges. One must have been a gambler 'cause he had his gi-tar. Just as in the days of old, this merry band of troubadors were serenading from one fraternity to another. We Pikers must say we enjoyed your ditties muchly — good idea. You'll have to admit, though, that we are true Virginia gentlemen in that your efforts were not drowned in water. These antics are kept traditionally for the Triangle pledges. I'd say the whole thing was rather evident of good inter-fraternal spirit.

My parents forbade me to smoke — I don't.
Or to listen to all of a joke — I don't.
Made it clear I mustn't wink At pretty girls, nor even think About intoxicating drink — I don't.
To dance or flirt is very wrong, I don't.
Wild men chase women, wine, song — I don't.
Really don't know how it's done. You wouldn't think I have much fun — I don't.

Say boy, is that your face? Its nobody else's but.

By "Speed" Barco

SIGMA NU'S CRAM FOR MID IN ATTEMPT TO IMPROVE GRADE POINTS

Study for mid-semester quizzes seems to be getting more than the usual treatment. Coffee, No-Doze pill, and coke consumption have nearly reached their peak. It's hard to find a dusty bookshelf or a clean ashtray, but a general consensus of opinion is that grade points will be improved. Let's hope our efforts aren't in vain.

Brothers Hallet, Gray, Lincoln, Farris and Toutz began the weekend movement, when they departed for Champaign, Ill., Friday. With their choice end zone seats they were able to see the Illini defeat Michigan in a record-breaker for J. C. The rest of the inhabitants of the Snake House went home or to the O. U. - M. U. game, anyhow females (women or otherwise) were involved.

As a nucleus for the swimming team, last year's champs returning to the tank will include Bros. Millar, Gilliam, and Gray. Royal Webster, a 3 yr. veteran of Sigma Nu swimming teams, will resume aqua-manuevers since his absence from school in '51 to be with Uncle Sam's army. Pledges Harting and Englick will also be carrying the honors for the house.

With the handball tournament on deck for next week, Bros. Sparling, Kingsbury, Lincoln and Gray have taken to the courts. The first encounter will be a doubles game with Beta Sig. Ron Kingebury and Herb Lincoln will be looking for the first victory. Last year's handball team finished in the top bracket and this year the team is expected to do as well.

Bro outdid himself and all the rest when he succumbed to taking a bath so willingly administered by Pledges Harting and Mulherin. That's a dog's life for you; anyway, Bro now has the advantage in B. O. rating. With this improvement, he might just beat one of the pledges to a can of dog food on Sunday night. (They'll masquerade as most anything for Sunday supper).

Sigma Phi Epsilon's Pledges Get Paddles Ready for Big Week

This week Sigma Phi Epsilon held its formal Pledging. Twenty one men were pledged; they were: Richard Aberle, Ron Alberter, Dave Anyan, Jerry Barton, Jim Burton, Walt Casler, Jerry Clemons, Bob Dietrich, Charley Edwards, Don Finley, Bob Ford, Bill Frangle, Don Kennedy, Roy Knecht, Bob Long, Ron Marschel, Gene Milligan, Jan Mock, Norm Pawelek, George Sonn, and Rex Williams.

A date has been set for the Pledge Dance, the date chosen is December 5th. This year the week after mid-semester, as has been the custom, has been set as work week. The pledges are diligently working on their paddles and looking forward to the signing of them with apprehension.

The bowling team has again come out on top by defeating Triangle two games out of three. This puts them in first place. Congratulations fellows!

A low neckline is something you can approve of and look down on at the same time.

PROF. HERSKOWITZ NEW A.S.C.E. FAC. ADVISOR

Wednesday evening November 4, 1953, the American Society of Civil Engineers held their regular meeting in Harris Hall.

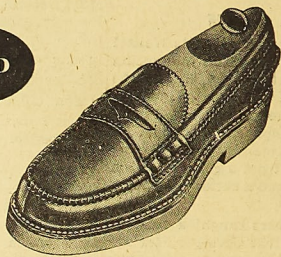
A short business meeting was conducted by the president Harold Rabe, after which Professor E. W. Carlton submitted a report of the National A. S. C. E. Business meeting held in New York City, the week of Oct. 26. Prof. Carlton was installed as director of the Fourteenth District of the National Society after being voted to that post last spring. Congratulations, Prof., for your fine achievement.

We also wish to congratulate Professor Herskowitz, who was named as our new faculty advisor.

Some 60 to 70 members and guests enjoyed the movies presented by the U. S. Corp of Engineers. Again we were quite proud of the interest shown by the attendance. May we urge everyone interested to attend our next meeting, Wednesday, Nov. 18, 1953, at 7:30 p.m. in room 302 of Harris Hall. If you are not a member, be our guest.

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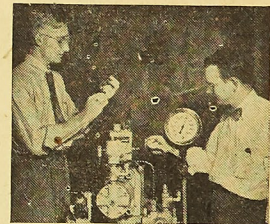
Making new products in large amounts, devising new processes, and improving old ones—such problems are the job of Design and Development. An example was the development of a large-scale process for making "Orlon" acrylic fiber starting from small laboratory samples of polyacrylonitrile.

Quantity production of polymer was only a beginning. A whole set of new and unusual problems arose in spinning the fiber, because polyacrylonitrile decomposes before it melts, and it dissolves only in high-boiling solvents.

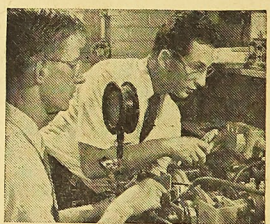
A team of Du Pont technical men—chemical and mechanical engineers, instrumentation specialists, metallurgists, and materials handling experts undertook to find a solution. Here are a few of the problems they met:

1. Solve problems in heat transfer and fluid flow arising from the fact that the spinning solution must be blanketed with inert gas to prevent fire hazards.
2. Design a system for controlling the temperature of the viscous spinning solution within $\pm 0.5^\circ\text{F}$. at hundreds of points in the plant.
3. Design new mechanisms for winding yarn at high speed without any deviation in yarn tension.
4. Design air conditioning and ventilating systems to remove fumes from specific spots, but still allow easy access to all areas.

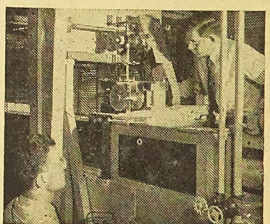
Among Du Pont's many research and engineering activities, Design and Development jobs provide great opportunity for the knowledge, ingenuity, and teamwork capacities of men in a great variety of technical fields.



The characteristics of a super-pressure pump, designed by Du Pont engineers and made in Du Pont shops, are studied by Ralph C. Grubb, B.S.M.E., Tennessee '51, and Paul D. Kohl, B.S.M.E., Purdue '46.



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