



11 Jan 1939

The Missouri Miner, January 11, 1939

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The DIRECTOR'S COLUMN

By DR. W. R. CHEDSEY

Well, here we are back to the old grind again. I know just how you feel, but if you think a moment you will recall that your professors feel just the same way about it. In fact, everybody does after a vacation, but you probably notice it a little more because you have had a longer vacation than men working in industry and in business.

Right now is a good time to realize that you have a couple of weeks left in which to finish up the work you started last September and to complete any reports and to begin reviewing that work so that when the examinations come along you will have already done most of the review and you can then ease off a little on your night work and so be fresher and more alert when you take your examination the next day.

Some people find it relatively easy to start new things. Others have difficulty overcoming the inertia of making the first step or the start. Irrespective of that, however, the world has a special feeling of respect for those who, whether they started easily or not, manage to finish up their work strong and thoroughly, and now is the time to put in those licks that will help you to finish it strong. Don't be in the position of either one of the two laborers who were resting in the shade of a box car for the few remaining minutes of their lunch period one hot summer day. Said one of them, "Boy, I sure wish I had a watermelon." The other one said, "Oh, wouldn't that be fine. You'd give me half of it, of course." And the first one said, "I certainly would not. You are too lazy to even wish for your own watermelon." This is the time when action rather than wishes count, so let's take advantage of the opportunity and wind up the semester going strong.

Wm. R. Chedsey.

Miss McDowell Bride of Editor of Miner

The marriage of Miss Ruth McDowell, daughter of the Rev. and Mrs. Henry McDowell, and Elmond Lowell Claridge, son of Mr. and Mrs. Lee Claridge, was solemnized at the Methodist Church Sunday morning in the presence of the congregation. Both are members of the choir of the church.

The wedding party took their places at the altar to the strains of the Lohengrin wedding march at the close of the regular service. The ceremony was read by the Rev. H. P. Hunter.

The bride was attended by Miss Marian Claridge, sister of the groom, and Mr. Claridge, brother of the bride. Miss McDowell wore a blue dress and carried a corsage of red roses, sweet peas and baby breath. The bridesmaid was also dressed in blue, with a beautiful corsage.

Both Mr. and Mrs. Claridge are students at the school of Mines. Mr. Claridge will be graduated with this year's class in Chemical Engineering. He is the editor of The Missouri Miner, a leader in school affairs, and one of the outstanding students at M. S. M. Both Mr. and Mrs. Claridge are active in the affairs of the Methodist Church. They will make their home at Eighth and Olive Streets here.

Companies Seeking Graduate Engineers

The office has received many requests for Graduate Engineers in the last few months. E. I. Dupont, Seagram's Distillery, U. S. Steel, Mo. State Public Health Service, T. V. A., and Mo. General Utilities are among those companies seeking men.

In addition, General Electric has just sent out its annual questionnaire and 10 applications for Chemicals, civils, and mechanicals, have been sent by the Coast Petroleum Corp. Mr. Carl Gammons of that company will be on the MSM campus sometime in January to interview the applicants.

Leo O'Hara, Chem. '38 was employed by Seagram's Distillery; Roger Tittel, Met. '38 and Richard Cardetti, Chem. '37 were employed by U. S. Steel; Arthur Hausmann, Chem. '37, was employed as a research chemist by the Sterling Grinding Wheel Co. at Tiffin, Ohio; R. P. Cherry, Chem. '37, has been assigned by the Mo. State Public Health for training in sanitation at the University of Michigan; William Ford, E. E. '38 and B. W. Koepf, E. E. '38 have been employed by Mo. General Utilities, "Judge" W. D. White, E. E. '38, has been employed by a firm of consulting electrical engineers at Washington, D. C., dealing in radio communication.

THE MISSOURI MINER

MISSOURI SCHOOL OF

MINES & METALLURGY

Z 385

VOLUME XXV

ROLLA, MISSOURI, WEDNESDAY, JANUARY 11, 1939

NUMBER 15

'BLIND ALLEY' IS GIVEN AT PARKER HALL

St. Louis Little Theatre Presents Melodrama on General Lectures Series

BY ALVIN STRAUB

History shows that the pen may be mightier than the sword, but the cast of the Little Theatre proved last Saturday night at Parker Hall that the workings of the subconscious mind are mightier than the tommy-gun. The Miners writhed in suspense as a mild, harmless psychologist delved into the dreams and illusions of a dangerous, half-crazed criminal who, with his mob and moll, forcibly occupied the professor's house for a night. After the gangster fought and killed the professor's protegee, the scientist was grimly determined that the killer should kill no more. Through the psycho-analysis of the man's mind, the alert, scientist made him realize clearly his faults and weaknesses and convinced him that society had no place for his kind. Gradually, step by step, the professor eked out the criminal's life story and proved to him that the "fixations" acquired by him in his early life were slowly driving him to a padded cell. Realizing the inevitability of escape from his strange, ever-present fears, the broken gunman used his only escape and brought his life and the play to an end.

This is "Blind Alley" the thrilling psychological melodrama which the Little Theatre of St. Louis presented on the General Lectures Program last Saturday night. A capacity house received the performance with enthusiasm.

The Little Theatre is a community group which was first formed twelve years ago. It is composed of 650 persons who work in the theater as actors, stage hands, etc. Of this number, 178 are students who are in dramatics classes taught by members of the Little Theatre Staff. Only four of this number, the director, associate director, publicity manager, and secretary, are paid. All other workers are volunteers. Each year the Theater sells approximately 600 season tickets in exclusion of the usual box office returns. Six plays are presented each season, and each of the shows run for two weeks.

The cast of "Blind Alley" is as follows: Doris Shelby, the wife of the brilliant psychologist, played by Faye Fry; Fred Landis, the professor's protegee, Keith Gunther; Dr. William Anthony Shelby, psychology professor, Ben Fry, Jr.; Agnes, the Shelby's nurse, Dolores McBratney; Nora, the hot-headed Irish cook of the house, Betty McGrew; Hal Wilson, the ruthless criminal; Julian Luckett; Mazie Stoner, gangster's moll, Frances Buss; Buck and Nick, stooges, Joseph Lewis and Herman Waldman; Teddy, the lovable Shelby heir, Allan Gordon, Jr.

Gross Makes Talk on Alloy Steels

"Demands are being made every day of the metallurgist for better and better alloys to fulfill the needs of the oil industry," stated Bernard Gross of the Key Company, New York City, Friday in Parker Hall. Mr. Gross, sales engineer of the Key Company and a former M. S. M. Theta Kappa Phi, spoke at a joint meeting of the M. S. M. affiliations of the American Society for Metals and the American Institute of Mining and Metallurgical Engineers.

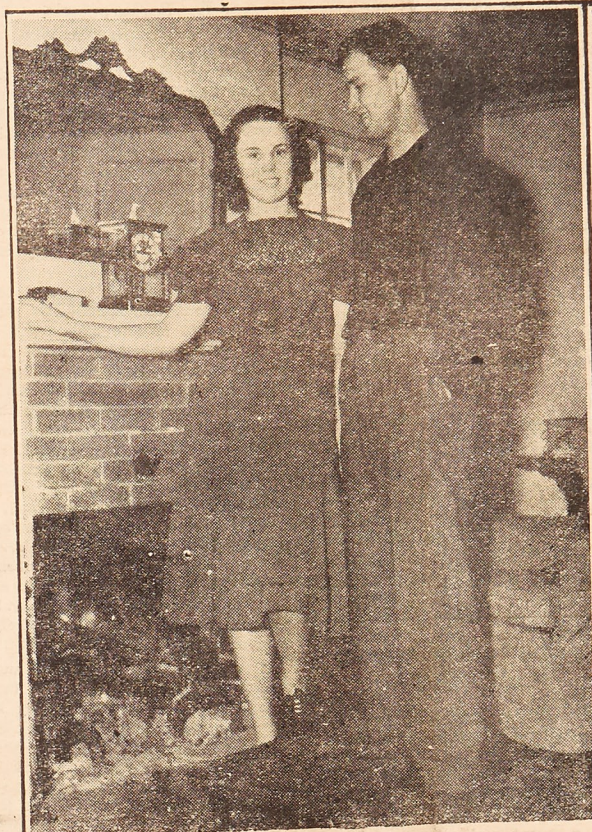
The subject of Mr. Gross's talk was "Alloy Steels as Used in Oil Refining Equipment." Using a return bend fitting of the kind manufactured exclusively by his company to illustrate his remarks, he pointed out the need for alloys that can stand the high temperatures and resistance to corrosion and erosion which the introduction of new petroleum processes, such as hydrogeneration and polymerization, has necessitated.

M. H. (P. I.) Murray, '34, was among the listeners present. Mr. Murray, who is in the industrial division of the International Harvester, was passing through Rolla and dropped in to hear Mr. Gross's talk.

Prof. Cullison's Father Dies

Prof. Cullison was called to Lawrenceville, Illinois last week by the death of his father.

M S M Graduate Hits Headlines From Coast to Coast Because of Approaching Tryout as Hurler with Champion New York Yankees

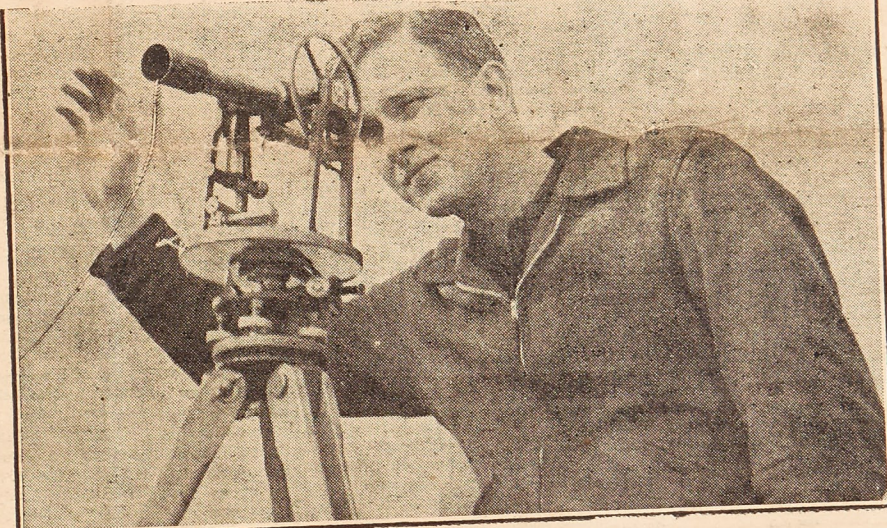


Breuer to Get Big Chance After Great Year With 'Blues'

EDITOR'S NOTE—During the Christmas holidays the School of Mines came into National Publicity when several stories on Marvin Breuer were carried on the wires of the Associated Press. Among the several was the following article. We acknowledge with pleasure the courtesy of the St. Louis Post-Dispatch in furnishing us the engravings and allowing us to reprint this feature, which was written by E. C. Compton, of the MINER staff, and Luman Long, editor of THE NEW ERA.

By B. C. Compton and Luman Long

Rolla, Mo., Dec. 25 — Every successful baseball pitcher utilizes his knowledge of "curves" on the mound, but Marvin (Floppy) Breuer is probably the only hurler in organized baseball whose knowledge of curves, angles and geometric figures enables him to earn a livelihood during the winter months. Breuer is a husky young right-hander who will make his major league debut next spring with the New York Yankees, after starting last season with the Kansas City Blues of the American Association.



One of the few graduate engineers in the national pastime, Breuer returned this winter to his alma mater, the Missouri School of Mines at Rolla, to act as contact man between the school and the Government in the erection of a new hydraulics building. But whether he is practicing engineering or trying to baffle opposing batters, the study of curves is his vocation.

This tall 185-pounder was graduated in 1935 from the School of Mines as a civil engineer. He pitched for the local semi-pro team each summer until 1934, when he broke into organized baseball with Joplin of the Western Association. And now the latter part of next February will find him on the way to St. Petersburg, Fla., as a member of Col. Ruppert's Yankee Riffers. Breuer, the son of Mr. and Mrs.

George Breuer of Rolla, is 24 years old. He was married on Oct. 11, 1938, at Newport Ark., to the former Miss Dorothy Hazlewood. It was the culmination of a romance that started when both were in high school here.

After a brief tryout in 1934 at Joplin, where he was troubled with wildness, Breuer was released, but

(See BASEBALL Page 4)

Alpha Phi Omega to Survey Housing

Alpha Phi Omega, National Service Fraternity, will conduct an extensive survey of conditions in student rooming houses. The survey, which will begin immediately after the Final Exams are completed, will be in the form of a detailed questionnaire.

Members of Alpha Phi Omega will make personal calls to all rooming houses, questioning both the landladies and the roomers. The answers to these questions will be recorded on a mimeographed form and put into a file that will be available to the students at all times.

The questionnaire, which is patterned after the one used successfully by the Alpha Phi Omega Chapter at Purdue University, covers condition, location, and capacity of the house; landlady's preference of roomers; sleeping, eating, and living conditions; special restrictions; bathroom facilities, and many other important items.

Besides providing a file that will be invaluable aid to students seeking rooming houses, it is hoped that the information gained will present a true picture of housing conditions and stimulate improvements.

Leroy Allen, Kenneth Bly, and Prof. Gevecker attended the Na-

Independents 'O. K.' Prices for St. Pat's

The Independents last Tuesday unanimously approved of a budget formed for the dances given by the St. Pat's Board. If this budget is used, the admission charge will be the same as the preceding year, five dollars and fifty cents.

Phil Leber was elected the Intramural Board representative.

National Convention of Alpha Phi Omega in St. Louis, December 28 and 29. Allen reported to the Chapter on the convention, stating that it was successful, inspirational and beneficial.

It was reported that Alpha Phi Omega had successfully supervised the collection of over 500 used toys and 200 cans of fruit and vegetables, as a Community Christmas Project. The toys were turned over to the Rolla Junior Club, who repaired and distributed them, and the Canned Goods, along with \$8.00 that was collected, was given to the McRea Chapter of the DeMolay, who prepared them into Christmas baskets.

It was also announced that H. Rae Bartle, nationally known speaker and national President of APO would supervise the installation of the chapter early in February.

Engineer Speaker at AIEE Meeting

The details, plans and installation of a frequency converter for the Union Electric Company in St. Louis was the sole topic of last meeting of the AIEE held last Thursday night in Norwood Hall.

An engineer of Union Electric, Mr. Meyerand, was the speaker at the meeting who explained in details the plans and development of the recently installed frequency converters. Besides bringing various slides and pictures with which to illustrate his talk, Mr. Meyerand displayed a map showing the Union Electric centers in Missouri and Illinois and a diagram of a part of the complicated frequency converter system.

After the speech Mr. Meyerand answered questions brought up by the attendants at the meeting. The meeting was adjourned by Chairman Bill Ellis, after which refreshments were served.

'Bud' Conary Married

It was announced during the Christmas Vacation that Elwood "Bud" Conary, a Sophomore, was secretly married to Miss Marilou Cunningham at Rolla on December 11. Mr. and Mrs. Conary are both from Granite City, Illinois.

Tau Beta Pi Head Visits MSM Campus

Monday, December 12, Mr. C. H. Spencer, former Chief Engineer of the Interstate Commerce Commission, now retired and serving his second term as National President of Tau Beta Pi, visited Rolla and spent the day on the M. S. M. Campus visiting the school and the local chapter of Tau Beta Pi here.

In the evening of the same day an informal banquet was held in his honor at the Colonial Village Hotel. After the banquet Mr. Spencer gave a short inspirational talk. Before leaving, Mr. Spencer, called by his favorite nickname, "Uncle Charlie", expressed the opinion that M. S. M. was an excellent school with a fine Director at its head.

This visit marks the first time in ten or fifteen years the Beta Chapter of Missouri has been honored by a visit from the National President.

Schedule for Final Exams Announced

By action of the faculty on December 13th final examinations will be given this semester in all lecture courses and in some laboratory courses. The examination schedule is posted on bulletin boards and every student should make up his own examination schedule and check it for conflicts.

EXPLORER TO APPEAR HERE ON JAN. 11

Bradford Washburn to Talk on Experiences on Next Lectures Program

A lecture by Bradford Washburn, famed mountain climber and explorer will be the feature of the next General Lectures Program. Mr. Washburn will talk on "Transverse of the Chepon" and "The Conquest of Mont Blanc" January 11 at 8:00 P. M. in the Auditorium.

Mr. Washburn started his career of mountain climbing in the White Mountains of New Hampshire, where he has lived for many years. At the age of 16 he made the ascents of Mont Blanc, Monte Rosa, and the Matterhorn. In 1929 he directed the motion picture of the "Ascent of the Crepon", one of the most formidable rock climbs in Europe. Two years later he filmed the complete picture of the ascent of Mont Blanc.

He has led two expeditions into the Yukon for the National Geographic Society, mapping out the last blank spots in the map of the Alaskan Mountains. His films well show the hardships of mountain ascensions, and also give breath-taking scenes which illustrate the joys of the occupation. They have been acclaimed the finest pictures of mountain climbing ever made.

Drama of Steel Is Presented on Screen

Hollywood and the engineering profession joined forces and gave us a technicolor reproduction of the drama of steel in a steel-age last Wednesday evening as the picture "Steel, Man's Servant" flashed on the silver screen of Parker Hall. From prologue to finish the audience was held by a story which for its expertness of composition and direction combined with the fascinating truthfulness of the candid camera drew many fine complements.

Obtained for campus showing by the M. S. M. Chapter of A. S. C. E. and the efforts of Professor E. W. Carlton, the cinemaction opened with shots of the iron mines and the processes followed in robbing the earth of one of its most precious possessions, then it took one along on the trips on which the rust-red ore is the honored guest. From these humble beginnings the story of the processing of iron and steel was unfolded in brilliant hues of red, orange, blue, and dazzling whites. Giant castings were poured under the eye of the camera, flashing ingots shot with lightning-like speed through the iron jaws of the rolling mill, and mighty presses crushed the steel into shapes which are to comfort and help its master.

The players in this production were the men whose everyday job is to reenact the story, men whose dramatic ability in this instance is drawn not from a year's run on Broadway, but from generations of intimate, everyday association with the props, used. They but did their job once more with the cameras present as they have done it for years and are doing yet.

The narration of the story was done by Edwin C. Hill, and the musical score was especially written for the story. The filming technique was the same as that used in the most elaborate of Hollywood productions, the entire country being policed for the proper sets.

A near-capacity audience was in attendance.

The picture "Steel-Man's Servant" will again be shown at a meeting of the Engineer's Club of St. Louis, May 4, 1939.

McKissick-Watson

Robert McKissick and Miss Jessie Watson were married Nov. 19th at Vienna, Mo., by the Rev. Burns. They were attended by Mrs. Paul Houseknecht of Buffalo, N. Y., and James Campbell of Rolla.

Any conflicts should be reported to the Registrar's Office at once so that arrangements can be made for taking care of them.

Regular class work will close Friday night, January 13th.
H. H. Armsby,
Registrar

APOLOGY WHERE IT IS DUE

The Missouri Miner wishes to express its apologies to the C. E. Dept. and to the Student Body for its error in not satisfactorily publicizing the steel picture last Wednesday night. On top of several lesser but also unintentional neglects of the C. E. Dept., the members of that department were quite justly indignant when the last issue of the Miner before the holidays, and the last one before the picture was to be shown ran only a short paragraph on the back page, when, as we must agree, it was one of the major items of interest in that line this year at the School of Mines.

It is the policy and the duty of the Missouri Miner to attempt to present to the student body all of the news, with proper consideration in the matter of allotting to each item space and position in the newspaper in accordance with its news value and importance to the students. When we fail to do this we owe an apology not only to the parties directly concerned but also to the student body.

We shall earnestly attempt to eliminate such errors in the future, and hope that we can regain the trust of those concerned.

PEACE AGAIN ON THE MSM CAMPUS

We are glad to inform the student body that any differences existing between the Missouri Miner and the St. Pats Board have now been composed and these two organizations shall continue, as they have in the past, to work hand in hand toward the consummation of their objectives.

The matters of policy about which the question was originally raised by the Miner are to be submitted to a referendum vote of the student body for decision. This was agreed upon by the Missouri Miner, the St. Pats Board and the Student Council as the best solution to the whole affair.

Shall the St. Pats Board spend more for St. Pats and thus absorb any surplus? Should the prices of the St. Pats tickets be reduced instead, and thus lessen the surplus produced? And in the event that the St. Pats Board does acquire a surplus at the end of the year, what shall be done with it? These are the questions to which answers are desired.

The Student Council and the St. Pats Board are taking a student poll on the questions. It is our earnest desire that the entire student body make as intelligent and unbiased responses as is humanly possible.

We want to philosophy about this last matter a bit. It is one of the most valuable privileges won for us Americans by our honored forefathers that every one of us has the right and is allowed to formulate, hold, and express his own individual opinion. Anyone who allows others to make his opinions for him sacrifices the right that should be dearest to him. On the other hand, only those who exercise strict care to make their opinions as informed and intelligent as possible really deserve this right.

May we all deserve as well as exercise this invaluable right of free thought and free speech. It is the foundation of our democracy and it is imperative that we develop our ability to use it if our nation is long to survive the crises of the world today, as well as to achieve the satisfactory settlement of petty differences on the college campus. Let us remember this in the conduct of our campus affairs.

POSSIBLE ST. PATS BUDGET

Following are two possible budgets, submitted by the St. Pats Board to the Student Body for the selection and approval of one:

RECEIPTS:		
Cash on Nov. 13, 1938	\$ 919.29	\$ 919.29
Interest Due in December	6.25	6.25
S. A. M. E. Dance:		
Piano Rent	5.00	5.00
Cloak Room	7.00	7.00
Christmas Dance	no profit	no profit
Military Ball:		
Piano Rent	7.00	7.00
Cloak Room	14.00	14.00
President Ball:		
Piano Rent	5.00	5.00
Cloak Room	24.00	24.00
Interfraternity Dance:		
Piano Rent	5.00	5.00
Cloak Room	9.00	9.00
Freshman Dance:		
Piano Rent	5.00	5.00
Cloak Room	14.00	14.00
Monte Carlo Dance	25.00	25.00
Raffle Show	85.00	85.00
St. Pats Proper:		
Dances	a	b
232 at \$4.50	1044.00	1276.00
192 at \$2.50	480.00	576.00

THE MISSOURI MINER



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FEATURE PAGE

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THE MISSOURI MINER

January 11, 1939

359 at .50	179.50	179.50
Cloak Room	48.00	48.00
Flowers	35.00	35.00
TOTAL RECEIPTS	\$2917.04	\$3245.04
EXPENDITURES:		
Orchestra	\$1000.00	\$1250.00
Decorations	357.00	433.50
Programs	90.00	90.00
Flowers	50.00	50.00
Taxes	170.35	203.15
Misc. (Fixed)	370.00	370.00
TOTAL EXPENDITURES	\$2037.35	\$2396.65
BAL. JUNE 1939	\$ 879.69	\$ 848.39

Note: a—signifies prices of \$4.50, \$2.50, and 0.50
 b—signifies prices of \$5.50, \$3.00, and 0.50

Budget 'a' will give the students the same type of music and decorations they have had in the past. Budget 'b' will give the students a better band than they have ever had and better decorations at the price they have been paying in the past.

These are being submitted to the student body through the fraternities and independent meetings, and the final vote will be published in the Miner.

WHAT!	WHEN!	WHERE!
Bradford Washburn	Wednesday, January 11	
Student Council	General Lectures 7:00 p. m.	Aud. Club Room
Parent's Meeting	Thursday, January 12	
S. A. M. E.	7:30 p. m.	Aud. Geol. Lect.
Basketball Game	Friday, January 13	
Inter-Fraternity Council Dance	Saturday, January 14	There
Band	Tuesday, January 17	
Sigma Xi	7:30 p. m.	Aud. 103 Chem.
Alpha Chi Sigma	Wednesday, January 18	
St. Pat's Board	7:15 p. m.	Chem. Lect.
	7:30 p. m.	Club Room

Mine Rescue Courses Conducted at MSM

Those apparitions that were wandering about the campus the past weeks prior to Christmas were not men from Mars, but some of the students in the Mine Rescue class getting some experience in wearing different types of respiratory equipment used in mine rescue work.

There were over 40 students from the Mining, Petroleum, Metallurgy, and Electrical Departments enrolled in the Mine Rescue and First Aid classes that were conducted by Mr. West of the U. S. Bureau of Mines. Mr. West has been doing this work for the past ten years. M. S. M. is the only mining school in its territory, but he is kept busy the year round teaching mine safety measures to the employees of large mining companies. Before becoming connected with the Bureau of Mines, Mr. West had a great deal of experience in mine rescue work in the East.

The mine rescue training was started very shortly after the Bureau of Mines was established. There are eight different courses taught. Mine Rescue and First Aid are the elementary courses and the others are more advanced courses along similar lines.

The Mine Rescue course included the study of mine gases, how to detect them, their effects, which are poisonous, various types of respiratory equipment and gas masks, mine safety lamps, carbon monoxide detectors, and actual rescue problems, some of which were carried on at the school mine.

There were 20 students enrolled in the Mine Rescue class which was a 20 hour course. The First Aid course took 15 hours and there were 40 students enrolled in it. Most of those taking Mine Rescue were also taking the First Aid. Upon completion of either of the courses, the student was given a certificate by the Bureau of Mines certifying that he had completed the specified course. Those taking both courses were given a combination certificate.

Questionnaire Sent to Alumni of MSM

A questionnaire has been sent out to all MSM Alumni to gather information for a complete biography of every person who received a degree from this school. This material will be used to show what the alumni have been doing, thus helping in legislative appropriation requests, and may also be used to place alumni in positions that require highly specialized work.

Call 163
 For Poultry, Eggs
 and Groceries
The Farmers' EXCHANGE

Dance Is Discussed at Frosh Meeting

The coming Freshman Dance was the topic of discussion at the Freshman class meeting last Thursday. Plans for a floor show before intermission were introduced, and Harry Griggsby was appointed chairman for a talent seeking committee.

A financial report was given by Jimmy Foxx, class treasurer, who again requested the Freshmen to pay their dues before the end of the semester.

Following this a motion was made and carried that those Freshmen who have not paid their dues will not be admitted to the dance.

Prof. Herold Made Secretary of A.C.S.

At its last meeting the St. Louis section of the American Ceramic Society elected Prof. Herold as its secretary for the coming year. Prof. Dodd was also relieved of his duties as chairman, a position he had held for the past two years.

The program included as speakers Dr. H. E. Weideman, who has been a frequent visitor to the M. S. M. campus, and Dr. Ross Purdy, General Secretary of the Society, who afterwards came to M. S. M. and lectured.

that require highly specialized work.

The questionnaire includes a list of activities and honors during the time in school, list of special accomplishments since graduation, experience since graduation, civic and extra-professional activities since graduation, present occupation, special field of work, who's who listing, publications, and states and foreign countries in which engineering work was done.

M. A. Gibson, P. O. Box 621, Jefferson City, Mo.

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By Carl Cotterill

Plastic and transparent materials are getting to be everyday companions nowadays, but there is still the novel side of the industry. Some transparent plastic articles which were shown in the Modern Plastics Competition are, Venetian blinds, fish lure with enclosed glow light, molded splints for broken bones to enable doctors to see the break thru the splint, and transparent oil cans which show when they are nearly empty.

"Automobiles should be equipped with a first aid handbook," says Dr. Venable of San Antonio, Tex. Many persons are disabled for life because of the lack of knowledge of a few pioneer first aid methods after an accident. For instance the folding jack handle of every car makes a good arm or leg splint as may a small limb from a neighboring bush or a piece of stiff wire. According to Dr. Venable's report, the average motorist will throw an injured person in the back seat and his spinal cord may be mashed by his broken back while if he were left lying flat till an ambulance could arrive he would likely recover nicely.

If you miss, it turns around and comes back for a hit. This is the case of a torpedo, patented by a Massachusetts inventor. It depends on the principle of a trailing wire coming contact with the ship, closing an electrical circuit, and turning the torpedo directly about to strike the ship from the opposite side.

The "Fountain of Youth" may not have been an idle dream after all if the research of Dr. Neal Miller of Yale progresses satisfactorily. In a paper presented before the American Chemical Society, Dr. Miller reports that an injection of sex hormones, in the blood stream of several old men and mental cases on trial, produced a marked rejuvenation in energy, stamina and clearing of mental fogs.

1937

John Frame, who received his M. S. from Lehigh in '38 is in the training course of the Bethlehem Steel Company at Bethlehem, Pa.

Sam Post returned to his job with the General Electric Co., at Schenectady early in October after several months vacation.

TROLLEY INN
 Sandwiches, Homemade Pie
 Homemade Chile,
 Good Coffee
 West Ninth

Eat At NESBIT'S CAFE
 110 West 8th St.

MEALS—25c
Meal Tickets
 \$3.30 for \$3—\$5.50 for \$5

Meetings Being Held by Students' Parents

Following the suggestions of several people who were here on Dad's day last October, meetings for parents of MSM students are being held and planned throughout the state. The purpose of these meetings is to allow the parents of the students here to get better acquainted. Dr. Chedsey said, "The primary purpose of these meetings is to let the citizens of Missouri know what we are doing in an educational capacity, in research, and in service to the industries of the state."

Mr. Edward C. Myers of Cuba, who is calling a meeting of the parents in Phelps County and vicinity to be held here January 12 in Parker Hall, said, "We believe the parents who are sending their boys to this institution can be of definite assistance to the school which is educating their sons, and that we ourselves can benefit by getting better acquainted with the school and its needs, and with each other." A meeting is being planned for the parents of St. Louis and vicinity to be held there in the near future.

A meeting was held last Friday in Kansas City. Dr. Chedsey spoke at that meeting. The response and interest of the parents and alumni was very satisfactory according to Mr. Arthur E. Martin and Mr. C. R. Leslie who headed the meeting at Kansas City and who both have sons attending the school here. During his brief talk Mr. Chedsey said, "A Chemistry building is the school's greatest need." There are, he said, 7800 students at the school. Its enrollment has increased 47 per cent over that of two years ago.

The meeting received much publicity and the metropolitan newspapers carried accounts of the meeting as well as Dr. Chedsey's

JIM FIRTLE
 Watchmaker & Jeweler
 Fine Repair Work a Specialty
 41 years Experience
 31 Years in Rolla

BOTTLED BEER For every taste
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SMITH'S BILLIARD ROOM

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CALL—TUCKER DAIRY CO.
FOR—Pasteurized Dairy Products
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 Badly Worn Shoes Are Dangerous
HAAS SHOE SHOP
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Harvey's Special
Whole Fried Chicken
with French Fried Potatoes,
Loaf of Toasted Bread
Ready to be served at home
HARVEY'S RESTAURANT
 Open 5 A. M. to Midnight Daily
 All Night Saturday

ROLLA STATE BANK
 Rolla, Missouri

Large Enough to Serve You
 Strong Enough to Protect You
 Small Enough to Know You
 Member Federal Deposit Insurance Corporation

4 Teams U
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picture. Various persons at the meeting indicated their desire to follow Dr. Chedsey's suggestion of forming a permanent organization of parents, alumni, and friends of M. S. M.

Patronize Miner Advertisers

picture. Various persons at the meeting indicated their desire to follow Dr. Chedsey's suggestion of forming a permanent organization of parents, alumni, and friends of M. S. M.

MINERS RELAX
PLAY POOL - SNOOKER or BOWL & enjoy your favorite 5% Beer DEEN'S Recreation 126 W. 8th

In the M

Editor of the

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4 Teams Unbeaten in Basket League

By Leslie Payne

Four teams remain undefeated as the intramural basketball season enters its third week of competition. Sigma Nu and the Sophomores are out in front at present with three victories each, closely followed by the Freshmen and Juniors with two victories each. On the basis of the games played so far, the Sophomores appear to be the team to beat. In the three games they have played, they have amassed a total of 143 points, or an average of better than 45 per game, while holding their opponents to a total of 55 points. Sigma Nu appears to be pretty strong, and the Juniors and Freshmen cannot be overlooked. The Seniors, after a string of defeat at the hands of Sigma Nu, appear to have hit their stride again and will furnish plenty of trouble before the season is over. Theta Kappa Phi and Pi Iota A should show a lot of improvement, especially Pi K. A. which has lost two tough games already.

The outstanding individual player to date is Dick Cunningham of the Sophomores who has rolled up a total of 51 points in three games. Other high scorers include Brown of Sigma Nu with 32, Hardine and Jackson of the Sophs with 24 each, McDonald of K. A. with 23, and Tuckett of the Seniors, Gore of Lambda Chi and MacMurray of the Fresh with 22 each.

Scores of the games to date follow:

Sigma Nu 24—Seniors 14.
Lambda Chi 17—Triangle 8.
Sophs 31—Kappa Sig 12.
Sigma Nu 27—A. L. T. 15.
Fresh 57—K. A. 3.
Theta Kappa Phi 18—Pi K. A. 15.
Juniors 14—Sigma Pi 9.
Seniors 34—Triangle 13.
Sophs 43—Lambda Chi 26.
Kappa Sig 38—K. A. 15.
Fresh 26—Pi K. A. 21.
Juniors 24—Theta Kappa Phi 12.
Sigma Pi 29—A. L. T. 15.
Sigma Nu 19—Triangle 11.
Seniors 22—Lambda Chi 17.
Sophomores 69—K. A. 17.

In the Morning Mail

Rico, Colorado
Box 525
Dec. 10, 1938

Editor of the Miner

Dear Sir:
I read the recent St. Pats Board letter with a great deal of interest. As a "past Editor" the statement regarding "illegitimate gains" revived many memories. It is too bad the editorship does not pay off as well as so many students think it does.

Two years prior to becoming editor I worked on the Miner. During these two years I spent many hours each week working with no apparent recompense. Finally I became editor. This job added many hours to each week, but it did offer some pay. For a year I put out a paper in what I hoped was the best interest of the Missouri School of Mines. Every week brought criticisms and griping from the same group of "cranks". In the end I received the tremendous sum of \$12.00 for three years work. Some of the "cranks" can figure just what my monthly earning amounted to.

This year the Miner is far above any previous volumes. It ranks above the average college weekly. This means more work and expense. Thus, you as editor, will receive less than \$130.00 for all your work.

It is too bad the usual group of "cranks" can't be eliminated. The school would benefit by their removal. They are part of the editor's job. It is not included in your salary. Just thrown in for moments when there is nothing else to worry about.

Your paper is the best Miner ever put out. Keep up the good work. Among the student body and faculty there are many who know and appreciate your excellent work.

With best wishes,
Sincerely,

John R. McCloskey.

MSM Makes Collegiate Digest

The School of Mines is represented in Collegiate Digest for the first time in this school year this week. A picture of Marvin (Floppy) Brewer appearing on page 4. The photo was taken by B. C. Compton and is credited to him under the engraving. This is in line with the C. D. policy of recognizing their photographers with credit lines.

No Home Games in January

According to the Miners' basketball schedule, the cagers will not be seen in action again this month because of final examinations. The Miners go to Warrensburg Thursday night of this week, and then will play Springfield on the Bear court on Jan. 24. The Miners' first home appearance will be on Feb. 2 when Culver-Stockton calls here.

W. R. Jarrett was in Rolla September 6th. He is enjoying a few weeks vacation. He will return to Erie, Pa., about October 1, where he is employed by the General Electric Co.

SPORTS PAGE

January 11, 1939

Maryville Ekes Out 29-26 Victory Over Improved Miner Basketeers

Miners Lose to Kirksville in Conference Opener Here, 25-22; Westminster and Jefferson City Trim M S M Team in Non-Conference Contests

By Jack Emery

The Maryville Teachers were a surprised lot last evening as they eked out a shallow victory over a stubborn Miner quintet. Flashing a new offense and an airtight defense, the Miners held a highly rated Maryville team to a 29-26 score.

Maryville had trouble with their set plays as the unusual shape of the gym and the Miner defense stopped their smooth working offense, so they took to the back court while Rogers rifled shot after shot. The Miners were not to be outdone as Floyd Watts retaliated shot for shot almost tying the score.

The game opened like a whirlwind as the Teachers quickly pushed in a score in the first few seconds to play. Captain Jim Wilson pulled the Miners up even with a pair of free throws and a field goal while Herb Kamper looped one in to put the Miners out in front, but not for long. Rogers soon got his eye on the basket and pushed in four beautiful shots, from out in the third gallery to put Maryville out in front at the half 17-8.

Suddenly the Miners opened a new offense as the second half started with Floyd Watts getting hot scoring 3 two pointers and a foul as fast as the Miners could get out of the ball. With two minutes to play Vernon Rieke pushed in a counter, Watts added two more fouls and with only 45 seconds to play Rieke pushed in another counter to draw the Miners to two points below the Teachers. The Miners were unable to get the ball again and Watts fouled Walker as the gun went off giving Maryville another point.

Floyd Watts and Dale Hackett finally went to Hackett with a fought it out for top honors and it

double counter on top with 12 points. Rogers was third in line with 8.

Playing the opening conference game last week, the Miners lost another tight one to Kirksville in the last few seconds with Kirksville on top by the score of 25-22. Both teams played a rather sloppy game, as the floor was exceptionally slippery with much sliding and falling as a result of it. A great deal of the game was played on the floor in a rough and tumble and 25 fouls were called during the game. Neither team seemed to be able to sink the ball down the hole, fouls constituting an important part of the scoring.

The Miners jumped into the lead on the opening gun and scored first on a long shot by Capt. Jim Wilson with Watts and Niemiller adding up. Kirksville added up points one by one, sinking four shots until they took a slight lead but a swisher by Wampler tied up the score at 10-10 as the half ended.

A shot by Morse, Kirksville star, from under the basket put the Bulldogs in the lead although the Miners threatened all the way, they never topped the tight hold the Bulldogs held to. A last minute surge when Clark Romine raced down the floor for a counter shortly after Wargo flipped in another to bring the score to 24-22 but a foul on Morse by Romine totaled another figure on the score book as the game ended.

The Miners dropped two non-conference games, one last Monday to the Jefferson City Junior College in a badly played game, 38-28. The other loss was to the Westminster team in a game before the holidays in which Westminster won easily by the score of 37-27.

New Chesterfield Ad Theme Is Announced

The right combination of the world's best cigarette tobaccos in a blend that can't be copied is the theme of the national newspaper advertising for the first quarter of 1939 just released by the Liggett & Myers Tobacco Company for Chesterfield Cigarettes.

In continuing its country-wide campaign in both newspapers and magazines, Chesterfield forcefully repeats the mildness and good taste of Chesterfield's fine quality tobaccos and continues to drive home the pleasure of smoking the cigarette that satisfies.

Chesterfield's "right combination" story is enlivened and humanized by the use of photographs of well-known personalities such as Hal Sims, the bridge expert, Velox and Yolanda, society dancers, The Flying Wallendas of circus fame, Miss Marilyn Meske, winner of the recent Miss America contest, the famous Rockettes of Radio City Music Hall, George Brent, Olivia de Havilland and John Payne of the picture "Wings of the Navy" and others of national note.

4. Get your fee slips from the clerk in the hall and pay your fees at the Business Office. Second semester fees amount to \$45.00 for residents of Missouri and \$55.00 for others. YOUR REGISTRATION IS NOT COMPLETE UNTIL YOUR FEES ARE PAID.

Upper Classmen.
1. If you did not pre-register or if you failed any subjects the first semester, report to your Adviser and get a schedule with his signature. If you did pre-register and had no failures the first semester, get your schedule from the clerk in Parker Hall.
2. Same as No. 2 for Freshmen.
3. Same as No. 3 for Freshmen.
4. Same as No. 4 for Freshmen.
H. H. Armsby, Registrar

Registration to be Held on January 23

Registration for the second semester will be held on Monday, January 23. The following steps constitute the registration procedure for students:

I Freshmen.

1. Report to the Freshman Committee in the library and get a schedule signed by a member of the committee.
2. Get a "blanket form" from the clerk in the hall of Parker Hall and fill it out. Fill out all blanks on the schedule card.
3. Take all papers to the checking clerks in the Director's Office and have them checked by one of the clerks.

Professors Attend Geology Meeting

During the Christmas vacation, Professor J. S. Cullison, Assistant Professor of Geology, visited the recent oil fields in Illinois, some of the older oil fields in Ohio and Indiana, and the oldest oil field in the world located around Oil City, Pennsylvania. He also was in attendance at the meeting of the Geological Society of America held in New York December 23, 29, and 30. During the meeting he and Mr. C. E. Prouty, who obtained his master's degree in the School of Mines last year, presented a paper before the Paleontological Society of America.

Associate Professor O. R. Grawe also attended the meeting of the Geological Society of America and the Mineralogical Society of America. On the trip he visited the Dept. of Geology of Columbia University and the American Museum of Natural History, and participated in a field trip covering geologic engineering features in and near New York City.

H. A. Buehler, State Geologist, attended the meeting along with L. W. Currier, Josiah Bridge, John Brown, John Bird, Joe Clair, and Sam Goldich. All of the above, with the exception of Mr. Buehler, are former students or professors.

Drill Platoon to Perform at Ball

The Detonators, the crack drill platoon which was organized on the campus just before the last football game, and which gave an exhibition at the S. A. M. E. dance last month, is now making plans for a performance at the Military Ball to be held February 11. According to the cadet officers, there will be about 35 men in this exhibition. It is expected that arrangements will be completed for a novel and spectacular drill movement to be given at this time.

A provisional functional organization as a headquarters platoon has been effected with the following officers in charge: Commanding Officer, Clyde Cowan; Second-in-Command, Jim Jensen; Plans-and-training officer, Rex Alford; Adjutant, Carl Cottrell; Publicity officer, Earl Buck, and Operations Officer, John Boland.

MSM Seniors Design Parts for Engine

An outstanding achievement is that by Ray Hoffman and Kermit Siegrist, seniors in mechanical engineering and from Hannibal, Mo., and Meadville, Mo., respectively, who designed rings, piston, and piston rod for the St. Mary's engine in the Power Plant Building. The parts were built by Professor Kilpatrick and have been installed and are giving good service.

According to Dr. A. J. Miles, the designing and building of these parts here at school made a saving of approximately two hundred dollars.

These replacement parts were designed in class as a class problem by Hoffman and Siegrist.

Dance Planned by Interfrat. Council

The Interfraternity Council met in the club room Tuesday evening at 7:30, Dec. 13. The first business discussed concerned the Interfraternity Council dance to be given in Jackson Gymnasium on Jan. 14. All Independents are invited, provided they are registered as Independent dues, and have dates. A committee for the dance was chosen consisting of Creelius, Stewart, Clarkson and all of the Junior members.

Another committee was chosen to visit Dr. Chesedy in order to devise a plan by which harmony and friendliness among the fraternities and independent students might be created. This committee consisted of Uak, Curtis, and Clarkson.

Dance Dates

Sat. Jan. 14 Interfraternity Council
Sat. Jan. 28 St. Pats Board
Sat. Feb. 4 Theta Kappa Phi
Sat. Feb. 11 Military Ball (same)
Fri. Feb. 17 Kappa Alpha
Sat. Feb. 18 Sigma Nu
Sat. Apr. 8 St. Pats Board
Fri. Apr. 21 Alpha Lambda Tau
Sat. Apr. 22 Pi Kappa Alpha
Fri. Apr. 28 Theta Tau (Apr. 14)
Sat. Apr. 29 Kappa Sigma
Fri. May 5 Kappa Alpha
Sat. May 6 Triangle
Sat. May 13 Theta Kappa Phi
Fri. May 19 Sigma Pi
Sat. May 20 Sigma Nu
Sat. May 27 Lambda Chi Alpha

Civil War Pictures Presented to School

In the February 1st, 1862 issue of Frank Leslie's Illustrated Newspaper appeared two Civil War pictures. One of these pictures showed Civil War refugees from Southern Missouri on their way to Rolla. The other picture was of Fort Wyman, the original site chosen for the Missouri School of Mines campus, and the region around which is now the school mine. Fort Wyman and the school mine region were then the encampments of the government troops of General Siegel, Asboth and Wyman.

Dr. Mann's drawing classes have had these two pictures enlarged and reprinted, and have presented the symbolic reminders of "wartime" Rolla to the school.

YOU KNOW THEM TOO

By Jimmy Carr

Vice-president of three organizations on the campus is the record of Clarence Baumann, senior mechanical from University City, Mo. Upon coming to Rolla, he was pledged by the Alpha Lambda Tau fraternity and after three years is now their vice-president. On the St. Pats Board he has served two years and has ascended to just below the president. His third vice-presidency is of the department of chemical Engineers. Also he is a member of the St. Pats board of Trustees, which governs the St. Pats Board proper, and he belongs to the engineering fraternity Theta Tau.

dependents, have paid their Independent dues, and have dates. A committee for the dance was chosen consisting of Creelius, Stewart, Clarkson and all of the Junior members.

Another committee was chosen to visit Dr. Chesedy in order to devise a plan by which harmony and friendliness among the fraternities and independent students might be created. This committee consisted of Uak, Curtis, and Clarkson.

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C. D. VIA
The House of a 1,000 Values
ROLLA, MO.

The Finest Doughnuts IN ROLLA
Rolla Bakery
Phone 412

LUSCIOUS COFFEE
DELUXE PIE

Sno-Wite Grill
110 West 7th St.

EGG, POULTRY, GROCERIES
Farmer's Exchange
Phone 163

The Miners are cordially invited to visit our new
Coffee and Sandwich Shop
Delicious coffee, pastry, and sandwiches served daily
PAUL WINTERS, Proprietor
WINTER'S BAKERY and COFFEE SHOP
811 Pine St.

GLEANINGS FROM OUR EXCHANGES

All activities of the Quadrangle Club and Thyrsus, the dramatic society of Washington University, have been suspended. This action, however, does not reflect on the efficiency of the organizations.

It was forced upon the school by the behavior of the students at other performances. The attitude of the students made it impossible to maintain order.

A recent survey revealed that 87 percent of the coeds at Northwestern University go bare-legged to classes.

Bing Crosby and Shirley Ross of Paramount studios are the judges in the selection of the queen for the 15th annual Michigan Tech Winter Carnival. They will do their judging from photographs.

We should have a contest similar to the one above at this school to give our trick photographers a chance to show their stuff.

Prof. J. C. Fitterer of Colorado School of Mines has a hobby of collecting slide rules. He has about fifty different ones. His latest slide rule can be used to compute the time of sunrise and sunset. It is also used to find the distance between two points know the time of sunrise and the date. This rule is seven feet long and two feet wide.

If any Miner wants to know if she still loves him, Prof. Fitterer can figure it out on a slide rule.

I had a little dog. I called him August. August was fond of jumping at conclusions. The other day he jumped at a mule's conclusion. The next day was the first of September.

The average student is a dame fool.

—The Oredigger.

The freshman at Drury College are making their social bid with an all school dance. The fresh say

there will be no chaperones, the lights will be turned off at intermission and that the bar will be in the southwest corner of the gym.

A mastodon tusk has been presented to the Michigan Tech's paleontology department. This tusk was found in glacial stream gravels about fifteen feet below the surface of the ground. It measures eight feet six inches long with a diameter of seven inches at the base and five inches at the tip.

Introverts—ATTENTION
You need no long stand around around and let the extroverts run off with the pick of the females. Here are a few hints that will help you.

The simple trick of throwing food into the air and catching it in your mouth always brings admiration from feminine onlookers (of course you must be careful not to let a bit of hash or something slip down some evening gown).

The knowledge of a little magic also helps, (especially if it enables you to find some lipstick where it shouldn't be).

Emily Post laments the fact that most girls can't be gay, bubbling, vivacious etc., without drinking (slight of hand comes in handy here if you don't happen to have the required thing yourself).

Originality counts most today though. New ideas always have a good influence if they are sensible. But don't be like the gambler who jumped out of a ten story window just because it seemed like a good idea at the time.

Abstract from "The Toreador".

College life is a waste of time unless you specialize. Some girls get as far as their third year before they decide which fellow to take.

—The Oredigger.

Advertise in the Miner

ASHER & BELL
Groceries
Meats
Vegetables
We Deliver
7th & Pine Phone 17

ROOM AND BOARD
2 Meals per day \$25.00—3 Meals per day \$28.00
BOARD WITHOUT ROOM
2 Meals per day \$18.00—3 Meals per day \$21.00
These Terms are monthly. Weekly Terms in proportion
MRS. GRANTS BOARDING HOUSE—908 Pine

THE NEW
OZARK LIQUOR STORE
122 West 8th
Green Tree Beer \$1.39 Case (Plus Deposit)
Wines — Liquors — Gins
We Deliver Phone 191

MODERN BARBERS
Trade in your old hair cut on a new fall & winter model. Huge stock to select from. We are continuing our sale on soft water shampoos and scalp treatment for unlimited time.



Give the finest that money can buy: Shaeffer's Life-time Pen

SCOTT'S---The MINERS' CO-OP and BOOK EXCHANGE



THRU THE TRANSIT



It seems as though the floors of Parker Hall are not steady enough to walk on unassisted. One of our bright students was seen using the walls as supports during the play last Saturday evening. He left in a hurry, it must have been too warm.

As long as the faculty is making new recommendations for the improvement of the school, it has been suggested that a course in mannerism and self-respect be taught. It certainly was a sad reflection of the character of the student body that was exhibited at the play given Saturday night. It would seem that for a school where higher education is taught there would be present at least a little respect for fellow students.

Kerr ought to graduate from grammar school in his selection of companions. If more of the students brought their landladies to lecture sessions as did Lindberg, more cooperation would be for the benefit of the students.

Brown, Brown, and Burne seen soaking some suds, and they weren't milksnakes. Atkinson of the Shamrock Club is doing right well for himself, for he has been dating the cook for awhile.

Wilson is now a man, due to the cheerful mood he was in before he left for the holidays and he wasn't shot (by a firearm).

Tiede and his Haig and Haig are a good sight for sore eyes. Rushing and his young maiden were cutting quite a tick on a dance floor Saturday.

If any of the profs saw a fellow running down the highway a week ago last Sunday with a pitcher in one hand and a glass in the other, they shouldn't be alarmed as it was an emergency call. The pitcher contained water.

McFarland and Courson seem to be happy about the whole thing. The boys wish to extend their best wishes to their recently married members (Claridge and McKissick).

Kieser isn't much of a towel boy, for when he dropped a towel the other night one of the players reached down and picked it up for him.

Wonder how Carrolla likes the Christmas present the class gave him. Don't be too hard on them Ross, give them at least a grade of 15.

Why does Kirwan seem so down-hearted lately? I wonder if it could be because his girl friend is married. One of our campus lads should be very thankful for Kunnies presence in St. James, Saturday. Rowe Port, our town marshal, is complaining of Romine's driving. It appears that they traveled some 196 miles in 170 minutes and Rowe claims he lost five pounds over that distance. It was suggested that Rowe and Turner buy a motorcycle with a side car and alternate as to who would drive and the other use

the side car.

Wonder why John Kirwan is going to enter the heavy-weight class in boxing this year. George Fort won a case of beer over the holidays and then the regulars found out about it. He now has no beer left. Most of the fellows spent the holidays playing poker and now they are broke. Pool-room Burns, 40 Miners Homeless.

Message Service of Radio Club Improved

Radio Club members recently announced improvements in the Club's message-handling service.

Using parts donated by members and the E. E. Department a new two-hundred watt code transmitter has been constructed which will allow messages to be handled more rapidly and efficiently, and also, will insure greater secrecy, since formerly messages could be sent only by means of the Club's phone transmitter. Much of the message traffic will now be sent through the Army Amateur Signal Corps net, which maintains a highly organized, systematic message-handling service throughout the United States.

The average radiogram, club members said, may be relayed by a number of amateur stations until it arrives in the locality of its destination, where final delivery is usually made by telephone. However, should it prove impossible to contact stations in that vicinity, the message is sent on the remainder of its journey by mail.

Radiograms to be sent via W9EEE should contain the following information in the order named: Name of addressee; his complete address including phone number, if known; text (of no more than 15 words); and the signature and address of the sender. The messages will be collected each night from a box located under the E. E. bulletin board in Norwood Hall.

Hospital Notes

The hospital was a very quiet place during the holidays and the week following. During this time one student, R. C. Hoffman, spent a day in the hospital.

Patronize Miner Advertisers

Rollamo Theatre

Motion Pictures Are Your Best Entertainment

FRI. & SAT. JAN. 13 & 14
Double Feature Program
No. 1—Joe E. Brown and Man Mountain Dean in

"THE GLADIATOR"
No. 2—The Three Mesquiteers in "WILD HORSE RODEO"
Plus Cartoon "Chris Columbus" and Chap 3 "Flaming Frontiers"
Sat. Matinee Starts 1:30
Adm. 10c-15c
Nights 1st Show 7—Adm. 10c-25c

Midnight Horror Show
SAT. JAN. 14—11:30 P. M.
We Dare You To See
"FRANKENSTEIN"
starring Boris Karloff
"DRACULA"
with Sela Lagosa
Plus Short Subjects
(Note: This same program will also be shown Wed. and Thurs., Jan. 18-19 at regular evening shows).

SUN. & MON. JAN. 15-16
BOB BURNS in
"THE ARKANSAS TRAVELER"
Plus Cartoon "Coon Land" and Latest News Flashes
Sun. Mat. 1:30 & 3:30—Adm. 10-30c
Nights 7 & 9—Adm. 10 & 30c

TUES. JAN. 17—Matinee & Nite
Charlie McCarthy, Edgar Bergen, Ritz Brothers in
"GOLDWYN FOLLIES"
Plus—"Cactus Caballeros" and "Underwater"
Matinee 3 P. M. 1st Nite Show 6:30
Adm. 10 & 25c

WED. & THURS. JAN. 18-19
Double Feature Horror Program
Boris Karloff in
"FRANKENSTEIN"
Bela Legosi in
"DRACULA"
Plus "Busse Rhythm" and World News Events
1st show starts 7—Adm. 10 & 30c

PAIR OF SILK STOCKINGS OUT OF A TON OF COAL

SOUNDS IMPOSSIBLE?

Economical to use, because it is all pure coal—no slate or other impurities—15 less ash—and because it burns evenly and holds fire longer. THERE IS A DEFINITE SAVING IN BURNING

Superwashed
GENUINE
ZEIGLER
MUCH HOTTER AND CLEANER
A FRANKLIN COUNTY COAL
Decide now to cut your fuel bill. Phone your order today.

OZARK SUPPLY CO.
Phone 66

Plants Visited by 35 Frosh and Sophs

About thirty-five freshman and sophomores visited several plants in St. Louis on Tuesday, Dec. 20. Dr. Mann and Prof. Black of the drawing department were present on the trip.

After meeting at the Tower Grove station, the boys were taken in a chartered bus to the Laclede Christy Clay products plant. The boys were shown through the plant by a ceramics engineer, who is a graduate of M. S. M.

From the Laclede Christy plant the boys went to the Measure-graph factory. Here they saw machines that automatically turned precision-measure machine parts from long rods.

Next on the itinerary was the Proctor and Gamble soap factory, where the boys traced the manufacture of soap from the raw products down to the finished product. The boys ate lunch at the cafeteria of the company here, and, after receiving a gift box of soaps from the company, they crossed the river into Illinois to the Commonwealth Steel plant.

Here they saw molds being built for castings, and the completed castings. From here the group was taken to the Monsanto Chemical Company. The group was taken through the plant to see the complete manufacture of chlorine and sulphuric acid.

The Cahokia plant of the Union Electric Company was visited next. After a tour of this plant, the boys finished their day by visiting the Globe-Democrat building.

Equipment Received by Mechanical Dep't

The Mechanical Department has received several pieces of new equipment recently. Included in the list are: 1 surveying barometer, 1 duplicator machine, 16 welding trucks, 35 welding gauges, 4 planimeters, 4 counters, and 6 R. P. M. speed counters.

The power plant anticipates two Nordberg Diesel engines to share the load in the power plant. The small one is a two cylinder, 50 K. W. engine, and the large one has four cylinders and will develop 150 K. W. They will both be of the Cummins type.

SOCIAL COLUMN

By George L. Mitsch

Deserting Santa Claus, New Year's Eve parties, and various other social activities during an unusually long Christmas vacation, the Miners returned to school needing a long and complete rest only to be thrown into pre-final week.

A considerable amount of students were back in town for New Year's Eve parties at several of the fraternity houses and the annual affair held at the Pennant Tavern. However the town was dead about two thirty in the morning.

Wedding bells chimed for Edith Claridge and Miss Ruth McDowell New Year's Day in an informal wedding at the Methodist Church immediately after the regular services. Cupid's continuous energy was again manifested when the marriage of Elmer Trautwein and Miss Dorothy Fraise of St. James last November 7 was announced recently. It's getting so that even your best friend may be married for years.

Saturday afternoon a basketball game between a team composed of alumni of Theta Kappa Phi and a team, led by Pete Mattei, former M. S. M. football player, consisted of such men as James "Stitch" Murphy and Ben Gross. Mr. Gross was a star player and captain of the M. S. M. basketball team while in school. The game, closely contested, ended in a 26-25 defeat against the alumni. Following the game a stag party was held at the Chapter House, alumni and members participating.

Jack Lyons, John Michell, Clarence Stevens and Ed Fiss visited Columbia over the weekend while the Lambda Chi's left in Rolla entertained with a drop-in dance at the House Saturday night.

Bill Rea, Ed Heiss, and Gilbert Blankenship spent the weekend in Fulton, Mo., attending the annual Junior Prom of William Woods. Three hundred lovely girls added enjoyment to their meals while there in "No-Man's Land."

Mr. Bernard Gross, affiliated with the Key Co. of New York City, and former chapter president of Theta Kappa Phi, was a weekend visitor at the Chapter House. While visiting in Rolla he gave a

talk in Parker Hall last Friday at 11.

Jim Ferrell visited his wife and son in Salem over the weekend.

Gene Hammond and Jim Gentry were dinner guests of Pi Kappa Alpha during the last week.

St. Pat's Budgets Set Up by Board

Two tentative budgets for the St. Pat's celebration next March were set up by the St. Pat's Board at a meeting last Wednesday evening. Copies of these budgets were submitted to each fraternity and to the Independents for selection of the most satisfactory one.

In addition the Board set the date for the annual Monte Carlo dance for January 28, and discussed the orchestras available for next March's celebration.

Blue Key, Alpha Chi Sigma, Initiate Men

Seven new members were initiated into both Blue Key and Alpha Chi Sigma prior to the holidays, it was announced by these organizations.

The new members of Blue Key are Rex Alford, Philip Blazovic, Albert Kidwell, John Livingston, Robert Livingston, Joseph Rakas, and John Sout.

Alpha Chi Sigma was increased by the entrance of R. K. Carpenter, J. M. Coon, T. L. Harsell, J. Parker, C. Rampack, W. R. Rea, and R. Runyan.

BASEBALL

(Continued From Page One)

soon caught on with Rogers in the Arkansas State League, where he found himself and quickly became a mainstay of the pitching staff.

Victim of No-Hit, No-Run Game.
On June 13, in 1934, he was the victim of the no-hit, no-run pitching effort of Herb Wollard of Bentonville, losing by a 7-0 count. However, Johnny Nee, Yankee scout, was in the stands, and after the game he bought, not the no-hit, no-run hurler, but Breuer, the loser.

The 1935 season found Floppy, who can give no reason for his nickname, with the Joplin team, which had become a Yankee farm. Breuer won 14 and lost 14, although the Miners wound up at the bottom of the league standings. He

was picked on the all-star team to play against the champion Springfield team.

Curiously, 1936 was both a good year and a bad year for the Rolla youth. He won 18 games while losing nine for the Binghamton (N. Y.) club of the New York-Pennsylvania circuit, but that season was the first and only one in which he suffered a sore arm. He started the season with seven straight victories before his arm bothered him, had indifferent success in the middle of the campaign, and wound up the year with five consecutive victories, which enabled the Triplets to come within a half game of the league title.

After being taken up by Newark of the International League and optioned to Oakland in the Pacific Coast circuit, Breuer had difficulty in winning in 1937. A "jinx" caused him to lose a string of one-run decisions. It was in Oakland that he first played under Bill Meyer, former major league catcher, who, Floppy believes, is one of the best managers in the game.

Worked Infrequently at Newark

At the end of May he was recalled by Newark, but the Bears were leading the league by a large margin, and had little use for additional pitchers, so he worked only infrequently. When the Yankees purchased the Kansas City Blues on July 28, they immediately shipped Breuer there, where he finished out the season with fair success.

At the end of 1937 he was called in by the parent club and was notified that he would go South with the New Yorkers. However, just before time to report in the spring of 1938, he was again optioned to Kansas City. At the same time Meyer was made manager of the Blues.

Yankee officials got a good look at their young farm hand during spring training this year, when he pitched five innings against Gehrig and company, allowing only two hits. He also turned in good performances against Cincinnati and the Red Sox. On the strength of that he was selected to pitch the

opener against Columbus. He hurled the Blues' opener in Kansas City on his birthday.

The Blues finished second, behind St. Paul, and entered the Shaughnessy play-offs in September. They trimmed Indianapolis four out of six games, but the Blues went into the finals against St. Paul very much the underdogs.

Won Three Games From Saints.
Breuer distinguished himself by winning three of the four Blues victories over the Saints, which put them in the little world series against Newark. The highlights of the series, and what Breuer saw as his greatest thrill, was his four-hit 2 to 0 victory over St. Paul in the deciding game of the series.

Although he was charged with the loss of the third game of the junior classic at Newark, Breuer re-established himself as the mainstay of the Blues' staff by hurling an impressive 4 to 2 victory over the Bears in Kansas City to square the series at three-all. The Blues won the next day to gain the little world series championship.

Baseball is Breuer's first love, but he likes to watch all other sports, and was seen at all of the Miners' football games this fall. He is a quiet, studious youth, has little trouble keeping in first class physical condition during the off-season. He likes to hunt and fish, and now has an outboard motor boat under construction at his home here.

His greatest ambition, aside from being a winner in the big leagues, is to hit for an average as good as his weight, which becomes more of a problem each year as he gains maturity.

"The Yankees should have no other pennant winner next summer," Breuer said. "I hope I can stick with them. At least I'll be in there trying."

Breuer is one baseball prospect who is well equipped to follow in other profession when his playing days are over. When his baseball curves fall him, his engineering ability will stand him in good stead.

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