



16 Sep 1960

The Missouri Miner, September 16, 1960

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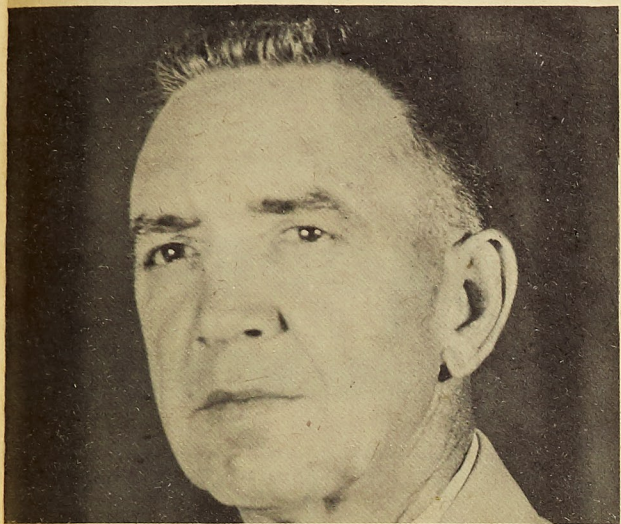
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SIGN UP NOW

Col. Glenn Taylor Is New PMS At MSM

Colonel Glenn R. Taylor, Assistant Chief of Staff G-3 (Operations) at the U. S. Army Engineer Center at Fort Belvoir since June 1959, has been reas-

signed as the Professor of Military Science at Missouri School of Mines and Metallurgy, Rolla. Prior to serving as G-3 Colonel Taylor was Chief of Construction, Department of Engineering of the U. S. Army Engineer School at Fort Belvoir, from 1957 to 1959.



Col. Taylor

A native of Virginia, Col. Taylor was graduated from V. M. I. with a B. S. in Civil Engineering and the Command and General

Florida, and as commander of the 1864th Engineer Aviation Battalion in the Pacific.

After the war, he served in the Okinawa Engineer District; as Chief, Construction Branch, G-4 Section, General Headquarters, Tokyo, Japan; and as Chief, Installations Division, G-4 Section, Armed Forces Far East, Japan. He served in the Louisville Engineer District before coming to Fort Belvoir.

Summer Paint Courses In Chem. Dept. Are Success

The Department of Chemical Engineering and Chemistry conducted four special paint and polymer short courses during June and July. The courses were: Paint Short Course for Beginners; Coatings Course for Architects, Painting Contractors and Maintenance Engineers; Advance Paint and Polymer Refresher Seminar and a Paint Short Course for High School Chemistry teachers.

This is the second year these courses have been held on the

campus under the direction of Dr. Wouter Bosch, Professor of Paint and Polymer Chemistry at MSM and they had an enrollment of more than 150 students. Those enrolled came from 37 states and four provinces in Canada, and there were 31 guest lecturers assisting with the courses.

The Paint Short Course for High School Chemistry Teachers was sponsored by the Educational Committee of the Federation of Societies for Paint Technology.

In addition to the lectures, there were laboratory sessions where experiments were performed on paints and varnishes. In the evenings industrial films were shown and illustrated lectures were given on topics related to coatings and raw materials industries.

These courses have proven to be very popular to those interested in paints and the paint industry. All the courses have had a capacity enrollment each year.

"How did you get that bad gash on your forehead?"

"I bit myself."
"Oh, come now. How could you bite yourself on your forehead?"

"I stood on a chair."

"Good grief!" said the new Miner. "Why did they put the depot so far from the campus?"
"I dunno," said the local resident, "unless they wanted to get the depot just as close as possible to the railroad."

The Missouri MINER

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME 47

FRIDAY, SEPTEMBER 16, 1960

NUMBER 1

Four Miners Join MSM EE Staff For 1960-61

The Electrical Engineering Department has added four new members to its faculty for the 1960-61 academic year. Dr. R. D. Chenoweth, Associate Professor, comes to MSM from Case Institute of Technology, Cleveland, Ohio. Dr. Chenoweth received his Bachelor and Master's degrees from Texas A & M, in 1946 and 1951, respectively, and his Ph. D. from Georgia Tech in 1955. He was also on the faculty of the schools from which he received his degrees. The Chenoweths have four children.

John B. Peatman, Assistant Professor, also comes from Case Institute, where he received his Master's degree in 1960 and he has also completed some work on his doctorate at Case. His bachelor's degree was earned at Swarthmore College. He has had three years industrial experience with Minneapolis-Honeywell. Mr. Peatman is married and they have one child.

William E. Hord, who received his Bachelor of Science degree at MSM in 1959, is returning to the department as an instructor and to work on his Master's degree. Mr. Hord has been with the Sperry Rand Corp., Great Neck, L. I., New York.

Arne M. Nystuen is an instructor and is going to work toward his Master's degree. He received his Bachelor's degree from North Dakota Agricultural College, Fargo, North Dakota, in 1958, and he has been employed by the Universal Electric Co.

Dr. Tom Faucett Joins MSM M.E.

Dr. Thomas R. Faucett has been employed as a professor in the Mechanical Engineering Department. Dr. Faucett is a native Missourian and received his Bachelor of Science degree in Mechanical Engineering at the University of Missouri. After graduation and until 1946, he was an Engineering Physicist with the Cleveland Diesel Engineering Div., of General Motors.

In 1946, he entered Purdue as a student and served as an instructor while doing graduate work. He received his Master's and Ph. D. from Purdue.

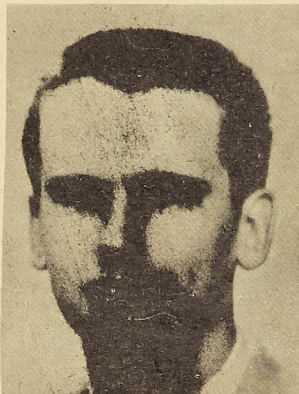
In 1952, he became an Associate Professor of Engineering at the University of Rochester, N. Y.

Dr. Faucett has written several papers on elasticity and vibrations and has served as a consultant for Eastman Kodak Company, General Motors, Mixing Equipment Company and others. He is a member of the American Society of Mechanical Engineers, Society for Experimental Stress Analysis, and Sigma Xi; Tau Beta Pi; Pi Mu Epsilon and Pi Tau Sigma.

Lauren Alex Peterson Is The New Asst. Registrar

Lauren Alex Peterson of Springfield, Missouri, has been appointed Assistant Registrar at the Missouri School of Mines and Metallurgy at Rolla, Missouri, succeeding Robert B. Lewis, who has been promoted to the office of Registrar and Director of Admissions.

Mr. Peterson graduated from Marionville, Missouri, high school in 1957 as valedictorian of his class. His parents, Mr. and Mrs. Alex Peterson, have since moved to Springfield, Missouri, and are now living there at 1717 West Walnut.



Lauren Alex Peterson

This spring Peterson graduated from Southwest Missouri State College with the degree of Bachelor of Science in Education *cum laude* with a major in Mathematics and a minor in Physics.

While attending Southwest Missouri State College he was an active member of Kappa Mu Epsilon, a national honorary mathematics fraternity; and Pi Beta Chi, an honorary science

fraternity. Lauren took up his duties as Assistant Registrar at the Missouri School of Mines and Metallurgy on July 1, 1960.

Paul Ponder, the former Registrar and Director of Admissions has been elevated to Assistant Dean, succeeding Assistant Dean Noel Hubbard.

C.E. Faculty Has Three New Faces

The Civil Engineering Department has added three new members to its faculty for the 1960-61 academic school year:

Dr. Sotirios G. Grigoropoulos, Associate Professor, comes to MSM from Washington University in St. Louis, Mo. Dr. Grigoropoulos received his Diploma in Chemical Engineering in 1955 from the National Technical University of Athens, Greece, his Master of Science in Chemical Engineering in 1958 from Washington University, St. Louis, and his Doctor of Science in Sanitary Engineering in 1960 from Washington University, St. Louis. He has been a Research Instructor in Civil Engineering at Washington University and has had experience as a Research Engineer with Metcalf & Eddy Sanitary Engineers in Boston, Mass., and with Ryckman-Edgerly-Burbank Consultants of St. Louis. Dr. Grigoropoulos is a registered professional engineer and a member of Sigma Xi. He is unmarried.

Donald E. Modesitt, who received his B. S. Degree in Civil Engineering from MSM in June 1958 is returning to the Department as an Instructor and to

(Continued on Page 3)

NO MONEY PROBLEMS?



MSM Students Pay Fees

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.

The subscription is \$1.00 per semester. This Missouri Miner features activities of the Students and Faculty of M. S. M.

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MINERS' FRIEND BOWS OUT

Asst. Dean Hubbard Retires After 37 Years

(Reprint from MSM Alumnus)

Assistant Dean Noel Hubbard retired September 1, 1960, after completing over 37 years of service at the Missouri School of Mines and Metallurgy.

Dean Hubbard was born July 23, 1890, in Illinois and came to Rolla in 1920 with the United States Bureau of Mines. He had previously served with the Bureau in McAlester and Bartlesville, Oklahoma, Washington, D. C., and Golden, Colorado, from where he was transferred to Rolla.

Publicity Ace

Because the work with the Bureau of Mines involved considerable travel, Dean Hubbard accepted the offer as Assistant Registrar at Missouri School of Mines from Dr. Charles H. Fulton, Director. He began working on June 1, 1923, under the supervision of Dr. H. H. Armsby, Registrar and Student Adviser.

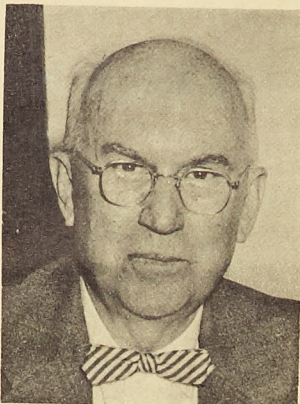
At the time the Registrar's Office was being actually organized for the first time, Dr. Armsby was concentrating on the educational program of the school, and Dean Hubbard organized a public relations system for the Missouri School of Mines and Metallurgy which developed into a systematic program of publicity releases numbering several hundred a year which kept the name of the school before the public. To supplement the news stories he became the school photographer, using his own equipment and developing the photographs at home. Since then the school has purchased its own photographic equipment and has an experienced student to do the photography, but Dean Hubbard has continued to handle the writing and distributing of news stories for the school throughout the years.

Alumni's Friend

During his service at the School of Mines Dean Hubbard also organized a systematic placement service for graduates of the school. He continued handling placement for many years until it became too great a load in addition to the expanded work of the Registrar's office.

He also served as Alumni Recorder and developed a mimeo-

graphed newsletter which was sent out at intervals to the alumni for whom addresses were known. Mrs. Hubbard illustrated the



Dean Hubbard

news letter with drawings to add interest. Eventually the newsletter was expanded to become the "MSM Alumnus" when Dean Hubbard found that it was possible to print the magazine and mail it for less than the cost of postage on the newsletter.

Following several years when the magazine was handled by alumni, Dean Hubbard was asked again by the alumni officials to revive the magazine. He continued to work with it until the expansion of the Alumni Association made it necessary to employ Mr. Ike Edwards as a full-time Alumni Secretary with the "Alumnus" as part of his work.

Student Aid

Dean Hubbard has always been interested in student aid and has worked closely with the various student aid programs of Missouri School of Mines and Metallurgy. For many years he handled the Jackling Loan Fund and later worked with the Business Manager in collecting overdue loans from the Fund. The money secured through these efforts was loaned to students, many of them to complete college. A committee was formed to administer the Jackling Loan Fund. Dean Hubbard has been a committee member constantly through the years. More recently he has been directly in charge of all the loan funds available at Missouri School of Mines and Metallurgy and also

has participated actively in collection of outstanding loans.

Club Organizer

During the days of the National Youth Administration program Dean Hubbard was assigned direct responsibility for the program on this campus. He did an outstanding job of administering the funds, even to the point of requesting state social workers to investigate the financial need of all applicants. As a result of his fine work extra funds were allotted to the School of Mines providing help to many needy students.

Another area with which Dean Hubbard has been closely connected is the co-operative boarding house concept. During the years of the depression he helped to organize the Engineers' Club which is still in operation on the campus. He helped guide the Engineers' Club through some rough periods in the beginning and during the low enrollments of World War II. There are now five co-operative boarding clubs on the campus and Dean Hubbard has had a part in the or-

(Continued on page 6)

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CHECKD

Civil

(Continued from page 1)

work on his Master's Degree. He was formerly employed with the Illinois Division of Highways. The Modesitts have one son, Brian Dale.

LeRoy E. Thompson, who received his B. S. degree in Civil Engineering from MSM in 1956 is returning to the Department as an Instructor and to work on Master's Degree. Mr. Thompson comes to us from the McDonnell Aircraft Corporation of St. Louis, Mo. The Thompsons have one daughter, Julie Kay.

UPTOWN THEATRE

MOVIES IN CINEMASCOPE

Friday and Saturday, Sept. 16-17

'Bridges of Toko Ri'

William Holden, Grace Kelly

Sunday, Monday and Tuesday,

Sept. 18-19-20

Sunday Continuous from 1 p. m.

'Strangers When

We Meet'

Kirk Douglas and Kim Novak

Wednesday-Thursday, Sep. 21-22

'The Rainmaker'

Burt Lancaster and

Katharine Hepburn

RITZ THEATRE

MOVIES ON WIDE SCREEN

Friday and Saturday, Sept. 16-17

Saturday Continuous from 1 p.m.

'Blood of Dracula'

Sandra Harrison, Louise Lewis

☆ PLUS ☆

Five Branded Women

Van Heflin and Vera Miles

Sunday, Monday and Tuesday,

Sept. 18-19-20

Sunday Continuous from 1 p. m.

'Snow Queen'

Sandra Dee and Tommy Kirk

☆ PLUS ☆

'The Geisha Boy'

Jerry Lewis, Marie McDonald

Wednesday-Thursday, Sep. 21-22

'I Was a Teen-

Age Frankenstein'

Whit Bissell and Phyllis Coates

☆ PLUS ☆

'Too Soon to Love'

Jennifer West and Richard Evans

ROLLA DRIVE IN

SHOW STARTS AT DUSK

Friday and Saturday, Sept. 16-17

The Young Don't Cry

Sal Mineo and James Whitmore

☆ PLUS ☆

'Gunsight Ridge'

Mark Stevens and Joan Weldon

Sunday, Monday, Sept. 18-19

'Bombers B 52'

Natalie Wood and Karl Malden

☆ PLUS ☆

A Life in the Balance

Ricardo Montalban and

Anne Bancroft

Tues., Sept. 20—Dollar a Carload

'The Space Children'

Adam Williams, Peggy Webber

☆ PLUS ☆

'Beau James'

Bob Hope and Vera Miles

Wednesday-Thursday, Sep. 21-22

'The Tattered Dress'

Jeff Chandler and Jeanne Crain

☆ PLUS ☆

'Saddle the Wind'

Robert Taylor and Julie London

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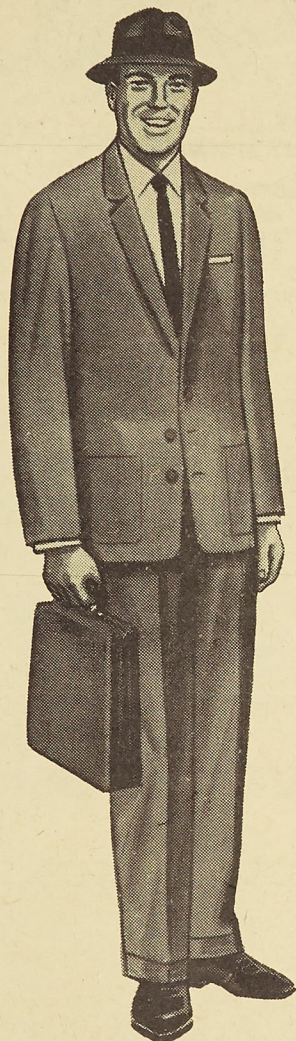
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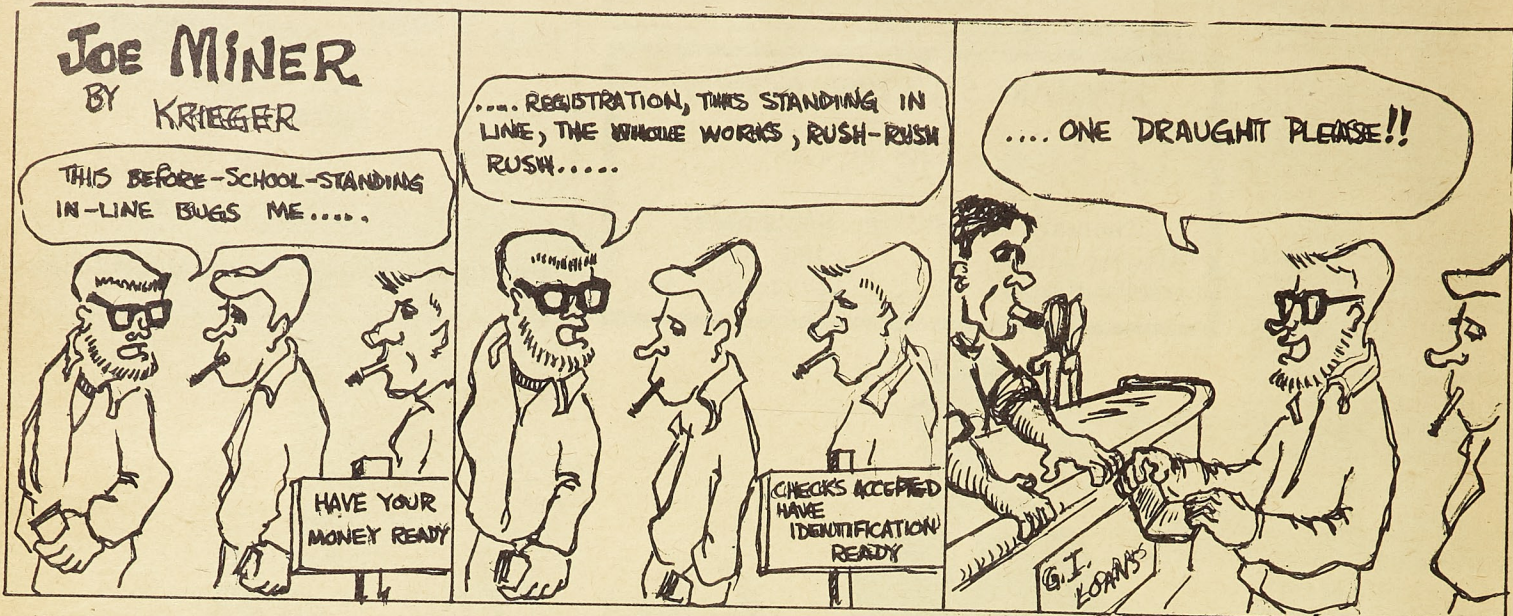
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THE GOLF PAGE



PROPAGANDA

A Tale of Summer Camp

"Right Face." "Left Face." "On your Feets." "Gig yourself for rigging." "Cadet, your boots are not polished." "Filers, move out and take up a good prone supported position." Yes, all these phrases have passed our ears, and the 1960 ROTC summer camp has given another group of combat hardened, Fort Leonard Wood Veterans.

Of course, we must not forget our allies who attended the camps at Fort Gordon, Fort Belvoir, Fort Riley, and any others.

For the benefit of the parents of those who will be attending summer camp in 1961, I can assure you, your son will live in the cleanest quarters in the world. Why, with 31 men, 96 Brillo pads, 7 mops, 5 brooms, 8 bars of GI soap, 3 scrub brushes, 100 gallons of sweat, and an infinite amount of "elbow grease," your home will be spotless.

A typical day at Fort Wood went something like this:

0400: Unofficial reveille. This

was necessary so the men could get the barracks cleaned and ready for inspection.

0520: Official reveille.

0540: Fall in for PT. PT is before breakfast. This avoided the hot sun and unnecessary waste of food.

0730: Work call. If we happened to be building a bridge that was 30 minutes ride from the barracks, work call was at 0700.

1130: Lunch, usually in the field. Army chow is not bad though. There was always plenty and it was really nourishing.

1230: Back to work.

1630: Return to barracks. If there happened to be a parade or retreat formation, we usually had 10 or 15 minutes to change from fatigues to Class B.

1700: Dinner.

After dinner, the time was ours . . . to polish our boots, clean our rifles, and if we were the "lucky leader" for the next day, we prepared our lesson plan. If and

(Continued on Page 5)

Welcome Miners

Old ones know—new ones will find out after a hard day in class and a hard night studying, the right place to drop in is at

RUDY'S PACKAGE STORE

for some light reading of your choice from our magazine department.

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ABOUT THE GREEKS

Rush Week Completed Formal Pledging Soon

Fraternity news is rather weak this issue, no doubt due to the previous three months of vacation and fraternal inactivity. Since formal pledging at most of the fraternities has taken place too late to be included in this issue of the Miner, we will have a report on the total number of campus pledges next week.

Dave Mitchell of Acacia fraternity was married this summer while another Acacian, Bernard Atwater, became engaged. Dave Bratchenberg's wife is expecting a child in February.

Vince Ventimiglia, Don Jasper, Jim Shea, Jim Walther and Bill Zickle, all of Phi Kappa Theta, were married this summer.

Bob Randolph of Sigma Pi was married this past summer.

Leo Mankovich of Beta Sigma Psi became pinned this summer. Beta Sig held a joint alumni dinner with Alpha and Eta chapters over the summer.

Several members of Pi Kappa Alpha attended the Pikers' National Leadership School at Lakeland, Florida, and also their National Convention at Miami Beach, Florida, this August.

Fred Plassman of Lambda Chi Alpha attended their national convention at Cincinnati, Ohio, this summer.

Rich Fox, John McKeone, Bob Tidmore and Jim Marble, all of

Tau Kappa Epsilon, became pinned during the summer months. Other TKE news is the marriage of John Reagan and the engagement of Bob Robertson.

The Sigma Nus, this semester, are pledging 18 men and have already made plans with their Washington University Chapter for a party the week-end of the game. This year the grand chapter of Sigma Nu at Portland, Ore., was attended by four Miners: Bill Butcher, Jerry Haas, Ron Prothero and Jerry Chapman. Brothers Jerry Lienes and Robert Schaffer were recently married and Brother Bill Butcher was pinned.

Willie, at a passing gent Threw a batch of fresh cement Crying, "Wait until you dry. Then you'll be a real hard guy."

Willie saw some dynamite, Couldn't understand it quite. Curiosity never pays. It rained Willie seven days.

"Hello, Jim. Fishing?"
"Nope. Drowning worms."

Summer Camp

(Continued from Page 5)

when all these things were finished, and it was not 2100 hours we could go over to the PX for a much needed beer.

2230: Official "Lights Out."
Anytime: Unofficial "Lights Out."

Ah yes, we of the Engineer Corps built bridges, tool sheds, roads, laid minefields, operated heavy equipment, and even doubled as Infantry in our spare time. I'm sure no one will be able to forget the night we assaulted "Cemetery Hill" after that expert River Crossing Operation. In the course of the attack, this writer overheard the following conversation between a certain cadet and one of the Cadre Officers:

Cadre: Cadet, are you playing Audie Murphy? Why haven't you got that machine gun on the tripod?

Cadet: I've lost my assistant gunner, sir. He has it, sir.

Any of you sophomores and/or juniors who have not signed up for the Advanced Course, do so at your earliest opportunity. "Uncle Sam needs you, boy." "Right Face." "Left Face."

Sopt: "Have any of your family connections ever been traced?"

Frosh: "Yes, they traced an uncle of mine as far as Canada."

"It Pays to Look Well"

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A Carpenter Without His Hammer—

— or a surgeon without his scalpel — is something like a student without his book. For books are the basic tools of the student's trade. Nothing has ever replaced the professor in the classroom, and nothing has ever replaced the main tool of teaching and learning—the book. You may forget, but your books won't. At 4:00 a.m. before your exams, your professors are getting their much needed rest. But your books are working with you—that is—if you have your own books.

Presumably you are in college because you want to learn. Your books are your tools. Don't be like the carpenter with a borrowed hammer who must finish his work at the convenience of

the man who owns a hammer!

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MINER SPORTS

Miners Face SIU in First Game of Season McCaw and Avery Co-Captains for 1960

Football season is here again. The Miner squad opens its season tomorrow with an away game against Southern Illinois University. This year's squad looks very promising under the co-captainship of Charles McCaw and Ron Avery. Twenty-six returning lettermen, plus an overwhelming number of upperclassmen on the squad combined with the experience and leadership of the co-captains mount up to an undefeated season for the Miners.

Co-captain Ron Avery is a senior returning for his fourth season with the Miner squad. Ron came to MSM from West Frankfort, Ill., High School. He is one of our finest defensive players and should be able to lead our defensive team against any offensive in the conference.

Co-captain Charley McCaw is also a senior back for his fourth season. McCaw holds down a tackle position on the squad. He played high school ball for Rolla High School.

Tech Club Grabs Intramural Trophy With 5,544 Points

Tech Club was the 1959-1960 intramural champion finishing with a grand total of 5,544.5 points. They were first in softball and rifle and also tied for first with Pi Kappa Alpha in horseshoes. Tech Club took second in cross-country, basketball, golf and track and placed third in table tennis, swimming, handball, boxing and wrestling.

The intramural runner-up was Sigma Nu with a total of 5,439.06 points. They took top honors in cross-country, handball, boxing, wrestling and track. Sigma Nu took second in volleyball.

Placing third was Kappa Sigma with 4,986.56. They won in flag football, swimming and golf. They were the boxing runner-up and placed third in cross-country and rifle.

Phi Kappa Theta placed fourth with 4,809.78 points. Phi Kaps placed first in tennis singles, table tennis, volleyball and tennis doubles. They were second in handball and basketball.

Sigma Phi Epsilon took fifth place with 3,869.78 points. Sig Ep was the runner-up in flag football, tennis singles, wrestling and tennis doubles.

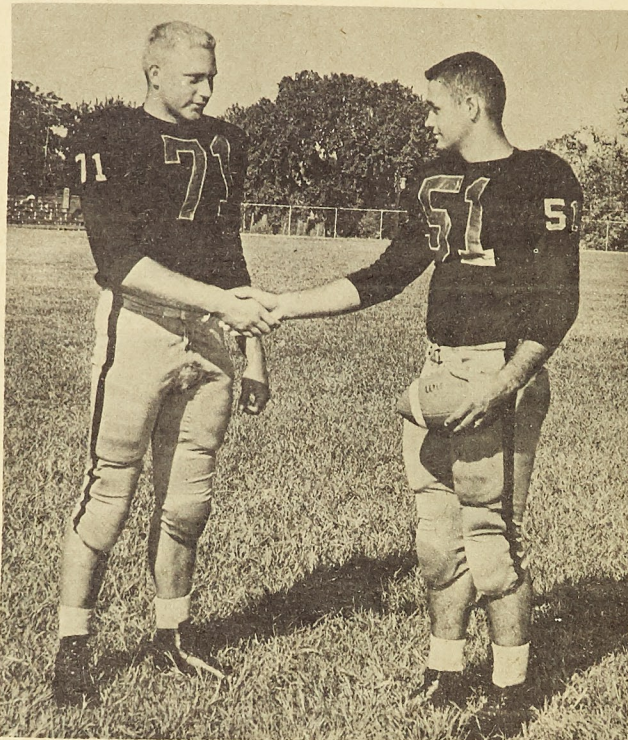
The rest of the teams finished as follows:

6. Triangle 3670
7. Shamrock 3349.78
8. Engineers 3227
9. Lambda Chi Alpha 3179.78
10. Prospectors 2792.50
11. Kappa Alpha 2697.70
12. Pi Kappa Alpha 2679.06
13. Beta Sigma Psi 2637.34
14. Delta Sigma Phi 2383.26
15. Tau Kappa Epsilon 2307.50
16. Sigma Pi 1961
17. Dormitories 1593.81
18. Sigma Tau Gamma 1444.06
19. Acacia 1345.01
20. Miners '59 1292.50
21. Wesley 1268.53
22. Theta Xi 1189.78
23. Baptist Student U. 1172.59

Intramural athlete of the year was Don Beuerlein from Kappa Sigma and the consolation trophy went to Beta Sigma Psi.

Last year the teams lived up to the name of our fine intra-

GOOD LUCK



Miner co-captains for 1960 are Charles McCaw (No. 71) playing tackle position and Ron Avery (No. 51) playing defense.

mural program and we all know that they will do an even better job this year.

Miner: "What shall I do? I have water on the knee."
Tired Doctor: "Wear pumps."

Downstairs: "Didn't you hear me pounding on the ceiling?"

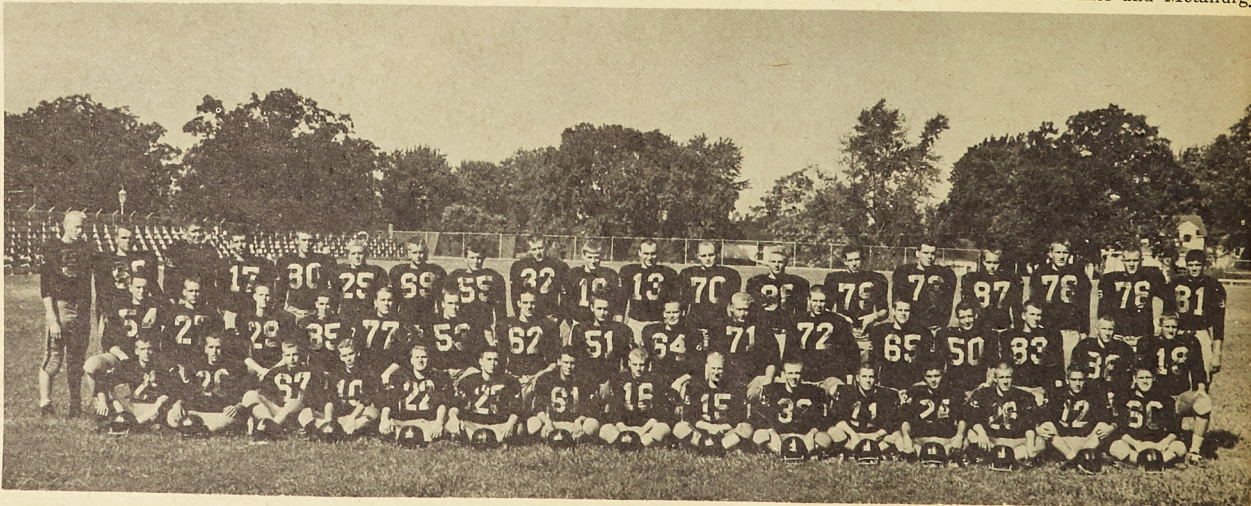
Upstairs: "Oh, that's all right. We were making a lot of noise ourselves."

Home Games

Tennessee	Oct. 8
Maryville	Oct. 15
Warrensburg	Oct. 29
Kirkville	Nov. 12

Senior: "All that I am I owe to my mother."

Frosh: "Well, why don't you send her 30 cents and pay up the bill?"



1960 Miner Football Squad

SIDELINES

By Ed Schwarze

In the quarterback position on the 1960 MSM football squad there are six men in competition for the first string position. The two players most eligible for the starting position are Glen Usher and Jim Cook. Usher, a high school player from Herculaneum, Mo., and probable starter in tomorrow's game against SIU, is a 160-pound, 20-year old junior. Jim Cook, a 174-pound quarterback from Cairo, Ill., did not play last year but was on the team his first two years at MSM.

Other players out for the position of quarterback include Art Farnham, a senior from Marshall, Mo., John Farmer, a junior from Russell, Kans., Bob Olson, 180-pound freshman from Mt. Vernon, Ill. Of these six players, Jay Alford is the only one that hasn't had previous experience with the team.

Any comments on the above column may be addressed to:
Sports Editor, Missouri Miner, MSM, Rolla, Missouri.

Dean Hubbard

(Continued from Page 2)

organization of each of them. Dean Hubbard was instrumental in securing funds through the Public Works Administration for the construction of Harris Hall. His original purpose was to have a building which would be the equivalent of the present Student Union, but when this failed to materialize he suggested the building as a hydraulics laboratory. This was accepted and the plan was eventually expanded into a building to house the entire Civil Engineering Department.

Dean Hubbard's service has not been confined to the School of Mines. He has also served the city of Rolla as Vice President and President of the Chamber of Commerce and served on the Board of Directors of the Chamber for approximately 15 years. During these years he was instrumental in helping to keep the office of the Bureau of Mines located in Rolla and in securing one of the two U. S. O. Buildings in Rolla for use of the city. It now houses the Public Library and the Rolla Utilities.

Dean Hubbard has also been an active member of Christ Church Episcopal in Rolla for many years and has served the Church in many capacities. He

and Mrs. Hubbard have four children, all of whom they sent to college. Their two daughters, Mary and Theresa, attended Cornell College and their two sons, John and Bill, graduated from the Missouri School of Mines and Metallurgy.

During the past 37 years Dean Hubbard has seen the enrollment of the Missouri School of Mines and Metallurgy grow from 350 in 1923 to the present enrollment in excess of 3000. A great deal of the credit for this tremendous increase must be given to him not only for his ideas for the improvement of the school and its relations with prospective students, but also for his boundless energy and administrative ability in carrying those ideas through to a successful conclusion.

Because of the rapid growth rate in enrollment in the last 37 years Dean Hubbard has had personal contact with approximately 90 per cent of all students who have enrolled in the school from its establishment in 1870 until the present.

Throughout his many years of service Dean Hubbard has constantly shown an active interest in the individual student and unwavering loyalty to the Missouri School of Mines and Metallurgy.