



25 Sep 1953

The Missouri Miner, September 25, 1953

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NOTICE

The Missouri Miner will be distributed on Friday morning instead of Thursday evening as in the past.

VOLUME 40

THE MISSOURI MINER

Missouri School of Mines & Metallurgy

ROLLA, MO., FRIDAY, SEPT. 25, 1953

NOTICE

In order to provide students (and faculty) an opportunity to see the MSM-Washington U. football game in St. Louis, the faculty has declared a holiday on Saturday, September 26, 1953.
CURTIS L. WILSON
Dean

NUMBER 1

Dr. Schlechten Wins \$2000 Award

1,170 Students Enroll Here for Fall Semester

MET. DEPT. CHAIRMAN
EARNS A. S. M. AWARD
FOR OUTSTANDING PROF.

M.E. DEPARTMENT TAKES LEAD IN ENROLLMENT FROM C.E. DEPARTMENT

Now that the smoke has cleared from the first week of school, the Registrar's office has been able to compile somewhat complete figures from the avalanche of records.

The biggest gain in enrollment appeared in the number of freshmen who entered MSM last week. An almost complete report showed that 420 Freshmen have enrolled. The Juniors were a poor second with 243 students, the Seniors numbered 236 students and the Sophomores were last with 212 students.

The report showed 55 Graduate students enrolled, nine of whom are taking some senior courses.

In a departmental breakdown, the Mechanicals have taken the lead from the Civils with 226 students, while the Civils are second with 208 students.

The rest of the department enrollment is as follows:

Mining	191
Electrical Engineering	176
Chemical Engineering	102
Engineering	95
Metallurgical Engineering	79
Science	54
Ceramic Engineering	30
Unclassified	15
Special	3

MSM still retains its status as a coed school with an amazing total of 12 women students, which, in a total of 1170 students, gives an approximate ratio of 100 to 1.

NAVY EXAMINATIONS FOR COLLEGE TRAINING SCHEDULED FOR DEC. 12

The Navy announced recently that the eighth nation-wide competitive examination for its College Training Program has been scheduled for December 12, 1953, and will be open to high school seniors or graduates within the age requirements. Successful candidates will start their Naval careers in colleges and universities across the country in 1954 with substantial financial assistance. Qualified graduates will be commissioned in the Regular Navy or Marine Corps and will enter the Fleet as well-trained junior officers, taking their places alongside young officers from other outstanding colleges of the country and the United States Naval Academy.

Names Will Be Submitted
The program is open to male citizens of the United States between the ages of 17 and 21 and quotas have been assigned to each state and territory on the basis of its high school population. Those who are successful in passing the aptitude test will be interviewed and given physical examinations; then, if found qualified, their names will be submitted to state and territorial Selection Committees for final selection. These committees are composed of prominent citizens and naval officers. The Navy expects to enter about 2,000 students into the program commencing with the fall term of college, 1954.

Students finally selected, if accepted by the NROTC college or university of their choice, will be enrolled and appointed Midshipmen, USNR. They then receive retainer pay at the rate of \$50.00 per month to assist in their education.

(Continued on Page 4)

Prof. Chase Returns From Machine Design Teachers' Conference

Professor Eugene C. Chase of the Mechanical Engineering Department of the Missouri School of Mines and Metallurgy, returned last Saturday after spending the past week at a Machine Design Teachers' Conference at Case Institute of Technology at Cleveland, Ohio.

He, along with 20 other professors of machine design, chosen from various engineering schools in the mid-west, spent the week as the guest of Case Institute, Warner-Swasey Machine Tool Co., Reliance Electric and Engineering Co., and Cleveland Graphite Bronze Co. all of Cleveland, Ohio.

The main purpose of the conference was an interchange of ideas and general discussions of the problems of machine design teachers in our engineering schools throughout the mid-west. As guests of the three participating companies, the professors spent one day of the week at each of the three plants on tours and in discussion groups with the Presidents and Chief Engineers, the chief discussion topic being how engineering colleges could help sell their product, the graduating engineer, at a higher price to the users, industry.

New Officers Elected To Head Teke House For Coming Semester

The start of the new school year finds many changes in the Teke system. The major change is the number of new faces at the Teke house. Another change is the expression of three of the old faces. Congratulations are in order, however, to Jack Humphrey and his bride, formerly Sally Merrill from Stillwater, Minnesota. Congratulations also to Don Riemenschneider, on pinning Jackie Richardson of Kansas City, and to Tom Bruns, pinned to Jackie Reagan of St. Louis.

As we enter the Fall semester, the officers are as follows: John Padan, President; Jerry Holder, Vice-President; John Ellis, Secretary; Dale Orrick, Treasurer; Jim Lester, Chaplain; Carl Wilkinson, Historian; Norm Niemeyer, Pledgemaster; Floyd Dorris, Sergeant-at-Arms; and Jerome McCoy, Steward.

Servicemen Return

Returning from the service to come back to school are John Heil and Tony Berenato, two Tekes of the old school, although they are new to me.

The new faces at our house include one active, John Herzog, transferred from Southeast Missouri State at Cape Girardeau. The other new men are our new pledges. They are Ted Ben-trup, John Feemster, Jerry "Sarge" Godzwon, Jim Greco, Bob Herron, Charles Hunter, Ray Majesko, Dick Merz, Jim Pinkstaff, John Patton, Charles Sale, Paul Singer, Clark Uline, Jim Walpole, Harold White, Carl "Fritz" Weimken, and Richard "Rit" Zdanis. Welcome men. We hope you enjoy your stay at MSM.

In case any Miners have passed 1107 State St. and wondered why all the tables, chairs, lumber, etc. are on top of the porch, I might mention that "The Shack" is being remodeled. ("The Shack" is the name of one room, not the whole house.) This used to be the slum section of the house, but it should look pretty good, if they ever finish it.

QUALIFICATION TESTS NOW AVAILABLE FOR STUDENT DEFERMENT

Applications for the November 19, 1953 and the April 22, 1954 administrations of the College Qualification Test are now available at Selective Service System local boards throughout the country.

Eligible students who intend to take this test on either date should apply at once to the nearest Selective Service local board for an application and a bulletin of information.

Following instructions in the bulletin, the student should fill out his application and mail it immediately in the envelope provided to Selective Service Examining Section, Educational Testing Service, P. O. Box 586, Princeton, New Jersey. Applications for the November 19 test must be postmarked no later than midnight, November 2, 1953.

According to Educational Testing Service, which prepares and administers the College Qualification Test for the Selective Service System, it will be greatly to the student's advantage to file his application at once, regardless of the testing date he selects. The results will be reported to the student's Selective Service local board of jurisdiction for use in considering his deferment as a student.

BETA SIGS PLEDGE NINE FRESHMEN; GREET FOUR RETURNED SERVICEMEN

By Ray Peters

Most of the Beta Sig boys who rolled out of Rolla so chipper and gay last spring have returned by now — each, possibly, a little different guy than the one who left — some are tanner, some healthier, some richer, some broker. Some have new sweethearts, some lost old ones, and some of us still haven't found any. A few didn't return, for they have joined the ranks as staunch defenders of democracy — not voluntarily, perhaps, but they're still in there plugging, and that's what counts.

Welcoming Veterans

We are happy to welcome back some of the boys who have been away to the wars for a few years, too — namely Harold Geidel, Donald Schneider, Bill Phillips, and Ed Jost. They're all simply taking up where they left off awhile back. I guess they're as glad to be back as we are to have them.

We also wish to warmly welcome a new batch of pledges to our midst in this beginning of the fall semester; they're all freshmen and they're all a swell bunch of guys. They have elected Tom Smith as their Captain, and the class includes Jim Haber, Lowell Seibel, Ron Grebing, Wayne Kosfeld, Roy Woll-gast, Trevor Thornton (all of St. Louis); Dave Berg, Kirkwood, Ron Bellman, Altonburg, and John Hermann, Overland. The boys seem to have been scattered pretty well all over the map in the past summer. While Les Brockman was up in Wyoming fishing, Reinhard Abendroth crushed atoms or something down in New Mexico; Jack Weber went to Louisiana to dislocate his shoulder; Geeno Heartling made bricks; Jim Shildmeyer carpentered; a few of the other guys flitted around a bit; and Jack Weiler, Neil Wolf, and I did most of our work at Mary's Rock House.

The Dean's Welcome



Dean Wilson

For the new students these first days of college mark the beginning of a great adventure. We hope that it will be a glorious adventure and that you will meet its many and varied phases like real heroes. College life is seldom humdrum. It is filled with new challenges, new goals to be attained, numerous rewards and even frequent disappointments. It takes a real hero to persist and prevail.

For the upper classmen returning to the campus, this new academic year means another advance toward a coveted goal — an academic degree in engineering. You are already well on the road to success.

Over the years the State Legislature, the Board of Curators and University officials have worked diligently to augment the facilities of instruction. In general you will find that MSM has laboratories and equipment as good as any engineering college anywhere. Much is still needed here, as is the case everywhere, but I can assure you that plans are always being made to obtain the buildings and equipment which are still needed.

I am especially proud of the faculty of Missouri School of Mines. In addition to excellent training and outstanding accomplishments in their professional fields, they possess unusually great skill as teachers. They and our other staff members stand ready to help you all to attain your academic objectives. In everything that we do, we keep constantly in mind that the welfare of the students is our primary concern.

I ask your cooperation, and in return I pledge our own best efforts to make this a most pleasant and productive year. Please come in to see me any time you feel that I can help you.

CURTIS L. WILSON
Dean

THETA KAPS RETURN TO FIND REMODELED AND ENLARGED HOUSE

By Jerry Spann

With the new school year now in full realization, the Theta Kaps are settling down for the grueling nine-month session.

This year, however, has much more to offer than previously, for the old "Cow House" now has acquired a "new look". During the past summer months, the house at 707 State has undergone an extensive remodeling operation. The rear of the building has been extended about thirty-five feet to provide a modern, well-lighted studying area, and a much-needed sleeping dormitory on the second floor. The Chapter Room was enlarged and modernized along with the dining room and kitchen. A brand new illuminated

(Continued on Page 2)

MSM NAVY RESERVE AIR FORCE OFFICER KILLED IN PLANE ACCIDENT

A 24-year-old Missouri School of Mines student was killed about 8:30 p.m. Sept. 11, when a fighter plane he was flying was caught in a storm and crashed in a cornfield about 10 miles northeast of Vandalia, Ill.

The flyer, Homer Archer Hollingshead, was returning to Lambert St. Louis naval air station from Norfolk, Va., where he had been training with other members of his reserve squadron. The plane exploded when it struck the ground, then burned.

Young Hollingshead was a graduate of Springfield, Ill. high school and had attended the School of Mines for three years. After two years at Rolla, Hollingshead was called to active duty with the navy air force in 1950 and spent two and a half years stationed on Guam. He held the rank of lieutenant, junior grade.

He was released from active duty last year and returned to Rolla to continue his studies in Electrical Engineering. He had planned to enroll in the University of Illinois this fall.

Sigma Nu Initiates Polish Up Honor Roll Of Second World War

1007 Main has been reactivated for the season with several welcomed additions. Sigma Nu has put on a new coat, especially in front. Yep, the porch is wearing it. Now, we just need some grass or some rain.

This year we're going to be a house on wheels. It's unbelievable, but you actually have to hunt for a parking space in front of the house. After a long period of lacking transportation it is possible to find someone with a good economical rod for those weekend jaunts.

A House on Wheels

Switching from jalopies to eagles, we've discovered something for the bird. The initiates have condescended cheerfully to scrubbing up the memorial beside the Post Office. After several false starts, the secret elixir was found for giving the eagle a brighter outlook on life. One thing Marks Webb and Bob Wigger didn't worry about on the job was plenty of company.

Bill Hallet has returned to Rolla to finish his degree in Metallurgy after leaving in the spring of '51. "Wild Bill" was on a 2 year enlistment in the U. S. Air Force. His only comment is "I'm glad to be back and I'll be just as glad to graduate." Another returning ex-Miner is Royal Webster, son of our only living charter member. Webster left MSM in January, '51 to spend 2 years in the Army. He will be working on a degree in Civil Engineering.

Love Bug Bites Hard

The old love-bug bit hard this summer. He nipped ex-commander Dick Cruse and Miss Nancy Crocker, who were married in Webb City. Brother Carlos Tiernon and Miss Joan Mercer were married also, in Salem, Mo. The wedding of Lt. James Tietjens and Miss Joan Vaiana was one of the biggest reunions of the summer for Sigma Nu.

Football practice now in session is giving evidence around the house by the muscle — sore ones. The team is promising a good deal of Freshman talent and hope for a better season. In addition, several workouts have been held for the cross-country run.

College Enrollment To Increase Greatly Within Coming Years

Golden, Colorado — (I. P.) An analysis of population statistics by H. Dean Burdick, director of admissions at the Colorado School of Mines, has revealed some significant facts regarding college enrollments for future years. Burdick's study indicates that about one-third more students will be enrolled in the colleges of the nation in 1960 than were present there in 1951.

Based Upon Estimate

His calculations are based upon the estimated number of high school graduates from 1950 to 1960 as indicated by a study of age groups, mortality tables, and the percentage of students finishing secondary schools in past years. While 1,205,000 students finished high school in 1952, it is expected that 1,606,000 will graduate in 1960.

According to Burdick, this increase will occur because of the large birth rate during World War II. Using these figures, he has estimated the number of high school graduates who will enter college. "This estimate is subject to error, however," Burdick stated. "In the first place, an ever-increasing number of high school graduates are entering college, and there is no way to calculate this increased percentage. Conditions of economic life also influence college attendance, and we have no accurate method to determine economy changes."

Same Number in 1956

About the same number of students should be enrolled in 1956 as in the 1951-52 academic year, or about 2,225,000. This is based on the proposition that returning Korean veterans taking advantage of Law 550 will offset those drafted from college in the rotation scheme now in effect in Selective Service. The large increase in enrollment should take place beginning with the 1956-57 academic year, he said.

"By 1960-61, the total enrollment in colleges should approach 3,003,000 students, an increase of 36 per cent, or about one-third, over the 1951-52 enrollment," Burdick concluded.

Triangle Fraternity Elects New Officers For Forthcoming Year

By Mort Mullins

Those Triangles who survived their draft board's open summer season returned to the Rock-house for another nine months of frolic, myrth, and gayety. Besides Bruce Greaves CE'53, and Charles Paschedag ME'53, who were lost by way of graduation, four Brothers have gone. R. A. Bruce is working with the Illinois State Highway Department while awaiting his call from Ike. Chas. received his commission as well as his B. S. Met.E. in June and was stationed at Ft. Belvoir, Va. Jerry Metcalf GEol'54, became a USAF Cadet September 7th and reported to Lackland Air Force Base. Charles Lea ChE'56, received an appointment to the United States Military Academy at West Point, New York. Jim Alford CE'56, was drafted in the early summer months and is now stationed at Ft. Riley, Mar-tiny Mulroy EE'56, is now attending the Chicago Institute of Technology. Bob Urban ME'56 is awaiting his call as an employee of the Granite City Steel Co.

At the first regular meeting of the year, the officers for the

(Continued On Page 4)

Dr. Albert W. Schlechten chairman of the Metallurgical Engineering Department here at M.S.M. recently received a cash award of \$2,000 from the American Society for Metals, "for outstanding performance as a teacher of metallurgy."

The award was established in 1952 by the board of trustees of the American Society for Metals to recognize leadership in the classroom and laboratory, and in a measure to reward these teachers who have accomplished distinguished results in their profession.

Stimulus to Students

Along with the honor is a stimulus to students who are already in Metallurgy, as well as its potential candidates for the degree.

There is only one restriction established by MSM as a qualification for eligibility. The candidate for the cash award must be under 40 years of age.

Dr. Schlechten is a native of Montana, and graduated from Montana School of Mines with a B.S. degree in Metallurgical Engineering. Post-graduate work was done at the Massachusetts Institute of Technology, and was awarded the degree of Sc.D in 1940.

Three years practical experience was attained as a research engineer for the Anaconda Copper Mining Company. During 1944 to 1946, he was a member of the Metallurgical Staff of the U. S. Bureau of Mines.

Served at M. I. T.

From 1937 to 1940, Dr. Schlechten was a Graduate Assistant at Massachusetts Institute of Technology; in 1940 to 1941, he was an Instructor of Metallurgy, University of Minnesota, being appointed Assistant Professor of Metallurgy at Minnesota in 1941. In 1942 to 1944, he was Associate Professor of Mining and Metallurgy, Oregon State College.

Since 1946, Dr. Schlechten has been Professor of Metallurgical Engineering at the School of Mines.

SIG EP'S ELECT THREE NEW OFFICERS; BILL FELDMILLER, PRESIDENT

Twenty men were pledged to Sigma Phi Epsilon this semester and on the basis of their efforts of their first week, the actives are expecting a good showing by these men. Their skill and enthusiasm are a great inspiring factor in Sig Ep's intramural football team this year.

Five men of the spring 1953 pledge class were initiated last Sunday. They were: Wally Schramm a sophomore in the E. E. dept., from Farmington, Mo.; Jim Staples a sophomore in the Mining-Geology dept., from Meade, Kansas; Dick Altheide a sophomore in the Chem. Eng. dept., from Marion, Mo.; Bert Hartman a sophomore in the Civil dept., from Marion, Mo.; and Jim Sturdy a sophomore in the Mechanical dept., from Kirkwood Mo.

Three new officers were installed Monday night. They were: as President Bill Feldmiller, as Historian George Roe, and as Jr. Marshal Wally Schramm. Another of the new initiates, Jim Sturdy, was elected as alternate representative to the St. Pat's board.

Sig Ep's mascot, Butz a german boxer, showed real fraternity spirit this summer when she gave birth to eight pups. The house plans to keep one pup and to sell the others.

THE MISSOURI MINER

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EDITORIAL

BY AND FOR THE STUDENTS

Now that you have read the rest of the paper, tell me, did you enjoy it? If you did, we are satisfied, but if you didn't, tell us what there was about it that you didn't like. We are always open to constructive criticism.

The Miner is written and published by the students and for the students of MSM. It doesn't take any special journalistic ability or experience to write for the paper. If you have the barest fundamentals of high school English you are qualified to write. We don't try to stress journalistic style, but complete news coverage, which we don't have enough of. The main reason for this lack of coverage is a shortage of reporters.

You might ask, "What will I get out of it?" The answer: probably nothing in the way of financial reward, but a lot of experience and practice which will stand you in good stead in writing the many reports and essays you will be assigned during your college career.

Many of you will say that you can't spare the time from your studies. The average time spent writing an article is about one hour per week.

Next Tuesday night, the 29th of September, there will be a short meeting of all those who wish to try-out for the writing staff of the Miner. This meeting will be held in T-2, more commonly known as the Old Infirmary Building, at 7:30 p.m. We urge you to be there.



After a long and peaceful three months of hibernation, the voice from the Mine Shaft has been rudely awakened by the happy, eager, and innocent babblings of a strange, juvenile creature which, despite determined efforts toward extermination, has appeared faithfully each year since the conception of this institution. Accompanying these "wee beasties" in their pilgrimage to the Phelps' County Seat, is an entirely different species of animal, which represents how the creature of the first part will appear after the metamorphosis of one wee semester has taken its toll. The creature of the first part, hereafter known as the Freshman, is often described as one of the eagerest forms of animal life on the face of the earth, striving in his earnest, wet-behind-the-ears fashion to impress one and all with his recently acquired, massive and profound high school intellect. As an example of this eagerness, on the annual day of matriculation, the Frosh awakes at an unearthly hour and cheerfully hastens to his place of registration, delighted with the thought of becoming an integrated part of this vast institution of learning.

Sells His Soul

In stark contrast is the creature of the second part, hereafter known as the upperclassman or Miner. The upperclassman is a fatalistic, spiritless, shell of a man who sulks around behind his three week growth, presenting to all a picture of a human derelict. On his registration day, the veteran student withdraws his nose from his mug, puts away his opium pipe and heroin needle, and, after as much delay as possible, drags himself off to, as he puts it, "Sell his soul for another semester." Then-back to the mug.

Freshmen Exploited

The local merchants are doing

their usual best in exploiting the poor, defenseless freshman to the full extent of his pocket-book. The colorful displays of enticing, expensive, items especially designed to insure easy grade-points contain the usual books on making high grades, books on reading books on making high grades, micro-film crib sheets, and the useful, new, brownie point score books with a free nose sharpener. After the freshman has visited the book stores and mortgaged his home, car, (every freshman has one), and Mother for the great pile of bound knowledge which he hopes to someday assimilate, the still unshaven upperclassman makes the journey to "see about his books." "Seeing about his books" consists of waiting until the stores are out of most of his books and then borrowing, which is what he planned on doing in the first place.

We must, before closing, utter a few words of sympathy for our old friend and former author of this treatise, the Old Rat. As most of you know, Rat was recently evicted from his humble abode, the Old Rat Hole, which was the converted Men's Temporary Dormitory A, known affectionately by its occupants as "skid row." Need I say more?

To Please St. Pat

A word concerning the wee little hats of green which are traditionally worn by members of the Freshman Class. So that you likely little lads are curious about the purpose of the splash of color which has been applied to the barren peak of many of your heads, your quest is at an end. You lucky ones have been chosen as offerings to the patron Saint of Engineering, St. Pat. The fact arises that a freshman has yet to please St. Pat, but those bedecked with his green-mark will be looked upon favorably.

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THE CAMPUS PHILOSOPHER

By G. V. Sancierano

A welcome article for Freshmen would have been appropriate for this column this week. However, after witnessing the football game last Saturday, the subject that is most fitting to talk about now is school spirit or school pride.

At the game someone asked if somebody died - the MSM side of the bleacher was quiet as a funeral parlor. Throughout the game there were but a few isolated cheerers, whom the crowd looked at more because of curiosity. While our team pitted their strength against the opponents, while they were trying to score for a T.D. with the best they had, and while they were feverishly holding their line against the onslaught of the other team, the crowd offered no help to back up their team's gallant attempts. Many started leaving even before the game was over. All of this makes one ask: "Do we have a school spirit?" Yes? Where is it?

Team Needs Stimulus

Perhaps if we were winning the game, cheers and encouragement would be showered our boys in the field. But this is not the point. Our team would have welcomed the stimulus more at a time when they were fighting against odds. The real school spirit and pride manifest themselves in such cases of reversal rather than in victory. The sad truth remains: unless we goad our team to victory with our cheers, victory is lost forever.

Where Did We Lose It

The search is on. We have lost it - somewhere. We need it. Maybe our upperclassmen do not have it and we cannot very well find it in them if they do not possess it in the first place. On the other hand, if they still have

Pi Kappa Alpha's Trim Waistlines for Intramural Season

The Pikers are back to romp their way through another semester. Most of the old faces are here with thirteen new ones. Six of the men found out that they had neighbors in some sort of group or other and are now eating dust regularly. The men called were Wahl, Lietz, Some, J. Wolf, Weakly, Hoffman, and Miller.

The new officers for the fall term are Poe, S.M.C.; McMorris, I.M.C.; Berg, Th.C.; Holmbeck, Sec.; J. Gerard, House Manager; and Koelling, first chairman in charge of fire extinguishers. Congratulations to our past officers for the fine job. May the new officers receive all the cooperation to which they are entitled.

Since going back to the books is too much of a strain at first, football has taken over the time. The team is shaping up in spite of the summer waist growth. May I say it's well for the team that everyone on it isn't like "Tool" Berg. He took a lap around the brown greens and decided it was too much to expect of a loafing petroleum. The new fad to while away the evening hours is chasing bats through the halls.

Welcome to the new men. We hope that their intentions are earnest and that they someday will be in the bonds.

the lost school spirit, they should display and show it with their heads up in the air. At any rate, the hope lies in our freshmen. They are the ones who will carry on the tradition of the school for the next four years. And on their shoulders the responsibility has been cast - seek the lost school spirit and restore it on its former pedestal for everybody to see and admire.

THETA KAP

trophy case - our pride and joy - has been built into the front hallway, and it really stands out! Two new bathrooms are on the second floor, and there is to be an oil heating system in the basement. All in all, the Theta Kaps are looking forward to a comfortable and convenient life this year and future years, to say nothing of the inevitable boost in the house grade point.

Many New Faces

Along with the new look are many new faces. The Theta Kaps are also to be proud of their fine pledge class composed of Charles Almstead, Gus Baechle, Gary Burlbaw, T. A. Corcoran, Bill Fitzgibbons, Dick Farmer, Leo Freesmeier, John Gavan, Norbert Groppe, Gene Hanss, Jack Head, Carl Heumann, Vic Hoffmann, Don Kozeny, John Lembeck, Dave Morse, Tom Mudd, Tom O'Keefe, Jerry Olsen, Bob Real, Jim Stone, Gene Tice, Larry Tuberty, and John Wagner. Good Luck to all these men.

There were also some changes of a different nature transpiring during the summer months. Bob Bieser became engaged to Miss Virginia Brennan of Farmington, Mo., and Tom Corcoran to Miss Carolyn Radcliff of New Albany, Ind. Congratulations! A quick Pin-Check revealed that Bros. Soehngen and Spann have lost their to Miss Agnes Nelle, and Miss Susan Duff, respectively, both of St. Louis. Cigars, gentlemen.

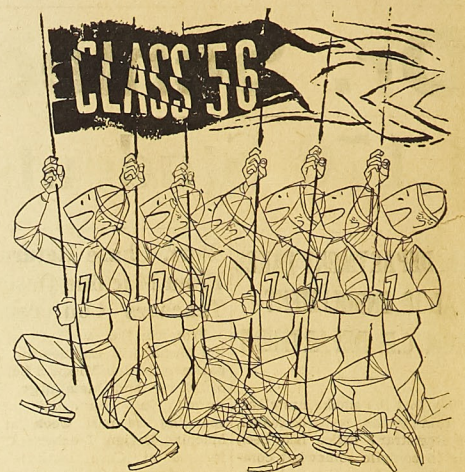
Intramural-wise, the Theta Kaps are certain to be a threat on the football field with the terrific potentialities the men have displayed during the practice sessions. Along this same line is the fine team which has been working out the past week. Let's fill up that new trophy case, men.

"Doc," complained the patient, "I've been having severe headaches. See what you can do about it."

"Been smoking much?" asked the doctor.
"Never touch tobacco," replied the patient.
"How about drinking?" asked the doctor.
"Never take a drink," replied the patient.

"What about women, play around much?" asked the doctor.

"Haven't had a date for 20 years," said the patient.
"Well, then, my friend," summarized the doctor. "The only thing that could be the matter with you is that your halo fits too tightly."



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Remember: Read all the rules and tips carefully. To be on the safe side, clip them out and keep them handy. Act now. Get started today.

My meals, folks say, are flavorful -
They're seasoned perfectly.
For better taste, it's Luckies, though,
That win the cheers - not me!

RULES

1. Write your Lucky Strike jingle on a plain piece of paper or post card and send it to Happy-Go-Lucky, P. O. Box 67, New York 46, N.Y. Be sure that your name, address, college and class are included - and that they are legible.
2. Base your jingle on any qualities of Luckies. "Luckies taste better," is only one. (See "Tips.")
3. Every student of any college, university or post-graduate school may submit jingles.
4. You may submit as many jingles as you like. Remember, you are eligible to receive more than one \$25 award.

TIPS

To earn an award you are not limited to "Luckies taste better." Use any other sales points on Lucky Strike, such as the following:
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Luckies taste cleaner, fresher, smoother
So round, so firm, so fully packed
So free and easy on the draw
Be Happy - Go Lucky
Buy Luckies by the carton
Luckies give you deep-down smoking enjoyment

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SEPT. 25, 1953
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SPORTS PAGE

Miners Lose To Pittsburg 25 - 6 Bob Helm Scores Lone Tally

19 Point Second Half Wins For Kansas

In their opening game of the season on Saturday, September 19, against the Gorillas of Pittsburg State Teachers, the Miners were issued a 25 to 6 defeat on their own field. Coach Gale Bullman refused to be quoted when asked his opinion of the Kansas team and the outlook of the Miners for the remainder of the season.

The Silver and Gold loss was dealt by a strong opponent with depth in every position and a host of outstanding players. Pittsburg's first string was relieved for most of the third quarter and part of the fourth by substitutions which showed impressive strength. Their starting quarterback, Don Macheers, threw two touchdown passes while right half back Bob Friskel pulled in a number of passes one of which resulted in a 45 yard free pass to pay dirt. Full back Bill Robertson spent his spare time powering his 205 pounds on one way trips down the gridiron at a speed just short of that of a V-2 rocket one of which was a romp over right guard and 57 yards to the area with diagonal stripes.

The game started with Pittsburg kicking to the Miners. After 3 attempts at scrimmage the Miners were forced to kick. Pittsburg followed suit with 3 failures and kicked to the Miner's 17 where Ralph Moeller faked a hand-off and strided off a 30 yard return. This was the Miner's longest run of the day. Dick Hampel called plays while MSM marched to the Pittsburg 40 where the ball was lost on downs. There was a double exchange of kicks, the last of which was blocked and recovered by Pittsburg on their own 46. The Gorillas then powered the ball to the Miner's 44 yard line where they fumbled and the Miners recovered. Bill Roemer man plunged through right guard for 7 yards as the first quarter ended scoreless.

Miners Fall Behind

The second quarter saw the first scoring performance with an MSM fumble on the Pittsburg 49 setting the stage. After recovering the fumble the Gorillas stomped to the Miner's 24 where quarter back Macheers threw high to left end McWhirt in the end zone. McWhirt's catch was one you could put on a theatre screen and charge a fancy price for admission. He was running full speed in the end zone with a Miner secondary man right on his back when he extended his right hand and slapped the ball into his left hand, slapped it back to his right, and gathered it in to his arms while falling on his face. The kick for the extra point was low.

Pittsburg wasted no time before threatening again. After the kick the Miners ran 3 plays the third of which was an intercepted pass returned to the MSM 35 yard line. A first and ten was obtained on the 25 and Macheers then hit Friskel on the Miner's one yard line. For the first time the Miners line showed their real potential by halting big Bill Robertson for no gain through center and then repeated this task with such enthusiasm that Robertson could not hold the ball. The Miners recovered and maneuvered the ball into Pittsburg's hands on our own 40 via 3 line backs,

2 passes, and a punt. After the punt ran back the Gorillas executed a run around left end to the MSM 35 where they again fumbled and the boys in gold fell on the ball. With one minute remaining in the half Dick Hampel tossed his biggest ground gainer of the day eleven yards to Moeller who carried the ball another seven. Three pass attempts and a punt all by Hampel consumed the remaining time and the first half ended with the Miners on the short end of a 6-0 score.

Pittsburg Scores Again

The Gorillas struck again at the open of the third quarter as full back Robertson returned the Miner kick off 40 yards to the MSM 45 where he was brought down from behind. After two plays and a 15 yard penalty Macheers fired to Friskel again who went all the way aided by three timely Gorilla blocks. Following the kick off there was an exchange of punts which left the Miners on their own 20 and falling short of the first and ten were forced to punt again. Pittsburg took the ball on their 30 and promptly returned it to the Miner's 45 yard line. They tried a plunge off right tackle which gave them two yards and then handed the ball to Robertson again who executed his 57 yard TD romp. For the third time the kick for the extra point was no good.

Miners Count on Pass

The Miners took the kick off on their own 33 and made a zero yard run back. Then the Silver and Gold began to roll. With Pete Weitzel calling a series of pitch outs and plunges off guard the line of scrimmage moved to the Pittsburg 26 yard line. A 15 yard penalty was levied for illegal use of hands which pushed the Miners back to the 41. Weitzel then faded back to hit Val Gribble, soph. end from Harrisburg, Illinois, who carried to the Pittsburg 13 yard line. A time out at the end of the quarter interrupted but didn't stop the Miner attack. Weitzel tried K. Smith off left guard who picked up a yard. He then threw a jump pass over the line to Bob Helm, frosh. half back from Robinson, Illinois, standing on the Pittsburg 5 yard line. An off sides penalty only kindled the determination of the team for then Weitzel ran far to his right and again hit Helm who was running on a six point section of the field. Bill Roemermon's kick for the extra point was blocked.

The Miner kick off was returned to the Pittsburg 31 where the Gorillas proceeded to tear through the line ten times for 69 yards and a fourth TD. The extra point kick was good.

Hampel to Moeller

It was during the remaining time that the Hampel and Moeller short pass combination really began to operate. The stands saw the pair complete one for ten yards before a Pittsburg interception. Pittsburg then fumbled and the Miners recovered on their own 32 yard line. The Sil-

NOTICE

Students in Physics 36 and 32 of last year who have not collected their laboratory notebooks may obtain them from the Physics Department office between now and September 25, 1953.

ver and Gold again began to roll. With the aid of runs by Hampel, Cole, and F. Smith and three complete passes which were all Hampel to Moeller the home team moved to the Pittsburg 13 yard line. Hampel completed another to Moeller on the five as the gun sounded. A total of 13 passes were intended for Moeller and thrown by Hampel. Seven of these were completed for an average gain per completion of 10.4 yards.

MINERS TO INVADE ST. LOUIS SAT. FOR ANNUAL WASHINGTON U. GAME

By Tom Bruns

Gale Bullman's Miner football squad turned their attention to St. Louis this week in anticipation of their Saturday encounter with Washington University. The Miners will be attempting to avenge their 25-6 defeat at the hands of Pittsburg, Kan. Teachers, while this game will open the season for coach Carl Snavely's Bears.

Snavely, a veteran in football coaching fields, has been noted for his ability to produce winning teams. The outlook for his first season as mentor of the St. Louis school would point out another winning season. Washington has a big experienced team including Bob Glass at center, Leo Carosella, John Krause and Ron Meier at guard, Jack Bentzinger and 6-foot-6, 225 pound, Bill LeClair at tackle, and Gene DelGaudio, Jean Dubail, Bill Moxley, and Don Rott at the ends. The Washington backfield, one of that schools best in recent years, is led by the ever dangerous Norb Mueller. Miner fans, who followed the team to St. Louis last year, will remember his standout play.

Look For Tough Game

Coach Snavely said, "We look for a tough game with the Miners. Gale Bullman has a fine group of Lettermen returning and the Washington U. game is always one of the highlights of their schedule."

Bullman, after the defeat of last Saturday said, "Washington U. should have a stout team. We don't know much about their line but they have some tremendous backs. However Summers will be back at center by Also a cool day could make quite a bit of difference with our new style of play calling. You never can tell what will happen."

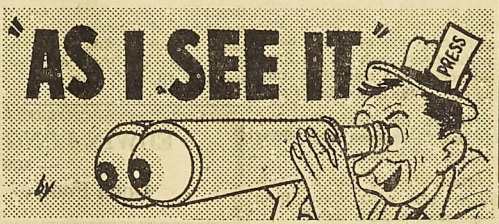
Miners Underdog

All on all, the game shapes up as a good one. The underdog Miners could pull an upset and a hardfought Battle is anticipated. Washington U. with its numerous returning lettermen rules as a strong favorite but, under the new one platoon system, a Miner victory is not out of reach. However, in this Saturday's encounter as will be the situation in most of the other battles, the local boys will run up against a school whose athletic program is much more extensive than that offered at the School of Mines. Still the game should prove interesting for, as Snavely puts it "... The Washington U. Game is always one of the highlights of our schedule."

Incomplete Pass



Keith Smith gets set for a pass against Pittsburgh in last Saturday's game.



By Joel Cooksey

As another school year starts we look forward to the fascinating sport known as football. This year a new spark of life has been thrown into the midst of the players, coaches, and fans. This "Spark of Life," limited substitution, is supposed to bring back that old type of football which has been seemingly forgotten in modern days. No longer will the spectator be puzzled by the mass exchange of players, as the offensive and defensive specialists take their respective turns on the field of battle. This change will probably give the small schools a better chance for more recognition. This new system will bring back to football the individualist and "work horse" type of player. On the other hand, it may cut down on some of the offensive skill shown in the past couple of years, since a player must be apt at both offensive and defensive playing.

Big Seven Champions

In the Big Seven conference, the returning champions, Oklahoma, will have nine vacancies to fill as they open their season on the twenty-sixth against Notre Dame. The high hopes of the Sooners rest on the broad shoulders of primarily one man, Buddy Leake. Although not expected to be a one man team, Leake is expected to make the difference between a good team and an outstanding team.

Missouri, also a constant threat, is relying heavily on the running of Bob Schoonmaker and the exceptional passing of Tony Scardino. Scardino is re-

cognized as one of the best pass heavers in the conference. Another Big Seven threat, Colorado will also build its team basically around one man. As tailback in a single wing formation, Carroll Hardy gained an average of 6.04 yards by rushing last year. Not to be discounted are Nebraska and Kansas University. Also, Kansas State should do much better than last year.

Toss-up In Big Ten

In the Big Ten conference, it looks like a toss-up between Michigan State, Ohio State, and Purdue. The nation's top team last year, Michigan State, will have 21 returning lettermen, including the famed "Light Brigade," Tom Yewic, Billy Wells, LeRoy Bolden, and Evan Slonac. Also returning is All-American Jim Ellis. Michigan State will do very well this year, but it is doubtful that they will repeat last year's record.

Ohio State will be exceptionally tough this year with a versatile, speedy, backfield and a rugged, heavy, line. Johnny Borton will spark the team from his quarterback position in the Split-T formation. Probably the two speediest halfbacks of the year will be Ohio's Howard Cassidy and Jerry Harkrader.

The Boilermakers of Purdue will probably depend largely on running plays this year, due to the loss of ace passer Dale Samuels and All-American End Bernie Flowers. Also to aid in the running plays is probably the best middle in football this year, with Walt Cudzik at center, Tom Bettis and Fred Preziosio at the guard positions.

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Will The One Platoon System Aid Foot Ball

By Jerry McCoy

Is one-platoon football good or bad? That is the question many coaches, players, and spectators are arguing since unlimited substitution was outlawed last winter by the National Collegiate Athletic Association.

From 1948 through 1952, a player could enter and leave the game as often as his coach deemed necessary. The new rule bars a player from returning to the game during the same period in which he has been withdrawn, except for the last four minutes of the second and fourth periods. Advocates of the two-platoon football says that the new ruling is wrong because it permits fewer lads to play the game at the inter-collegiate varsity level. This defeats the purpose of the game in that one of the game's basic justifications lies in the physical and moral benefits it offers.

Pro-two-platoon coaches, such as Frank Leahy of Notre Dame, point out that unlimited substitution does not lessen the character-building impact of the game. Under it, the player who is skilled offensively does not have to work to become good on defense, but he still tastes sufficiently of the game's blood and sweat. In addition when a player of diversified skill is removed from the game, although he would rather stay in, he is learning a valuable lesson of sacrifice and subordination to the welfare of the group.

Besides the possibility of injury, increased fatigue, which must come with one-platoon, produces another undesirable result. The new substitution rule will cause many coaches to increase their practice sessions from an hour and a half to two hours or more, because they will need more time to teach an individual both offense and defense. This added practice can cut into study time.

Coach Earl Blaik of West Point brings up the spectators' viewpoint of the one-platoon system. "The old grad," he says, "will prefer to play golf or take tea and crumpets to watching a listless game of 1920 football. You'll note the professionals are keeping the two-platoon game. This could lead to their game eventually dwarfing ours spectator appear, just as pro baseball overshadowed college baseball."

Eddie Erdelatz, head coach of Navy, predicted, "The brand of football won't be as good, and I don't believe the public is going to like it."

Coaches - Pro; Faculty - Con

Coaches in general didn't want the change. In fact they voted 7 to 1 to keep the two-platoon system. Even Amos Slonzo Stagg, 91 years old, who has seen every kind of football since the 1880's wired the rules committee: "This is the finest football that we've ever had."

But the faculty representatives forced the change. To correct abuses of recruiting and subsidizing which exist off the field, they altered the game for the worse on the field.

Such are the views of the coaches favoring unlimited substitution. On the other side of the question are many mentors who favor the one-platoon system of football. Bud Wilkinson, master of the split-T, which his Oklahoma Sooners use effectively, is one of the coaches who wanted the return of one-platoon football.

He says that two-platoon football is as nonsensical as would be two-platoon baseball; that is, 18 men, your nine best hitters for one half of the inning and your nine best defensive men for the other half inning. He admits that superior technical efficiency resulted from unlimited substitution in football. But he points out that the all-around player had to sit out either on offense or defense. And after all,

he asks, is college football more important that the boys who play it?

Aids Character Building

Under the new rule the player has a far better chance to derive fully the character-building benefits of football. The grinding effort demanded of a player in reaching truly sharp physical condition is one of the game's finest lessons. The biggest character-building benefit of the return to the old way is the necessity for the player to plod through the drudgery of improving himself in departments of play at which he is unskilled or which he dislikes. The outstanding runner or passer must learn to tackle and defend against passes. The lineman must learn new chores, either that of opening or closing a hole in the line depending upon which platoon he played last year.

Coaches argue the point of why should a varsity letter be awarded to what amounts to half a football player. In the college the player is attending, he must prove efficiency in many academic branches to earn his degree. As Arthur Sampson of the Boston Herald put it: "To use only the natural talents of a boy and discourage him from the chance to overcome his weaknesses is not the type of education our schools should foster."

The promoters of the two-platoon system say that the best system is the one that permits the most boys to play. One-platoon proponents make a distinction. One-platoon gives the most real football players the chance to play; in other words, it gives the two-way players the chance to play two ways. The real two-way players don't like the two-platoon system for they want to be in there on both offense and defense.

Two Platoon Increases Injuries

As far as the claim that two-platoon reduces injuries because of the frequent rest periods, it stands directly opposed to the findings of Dr. Floyd R. Eastwood of Los Angeles State College. During the past two years, there has been a slight indication from the accumulated data that mass substitutions are bringing about an increase in the injury rate during the first five minutes of entering the game. This is due to the cooling off after coming out the game and then going back in unprepared.

From the spectators' viewpoint, the one-platoon coaches say that the fans will enjoy seeing an old-fashioned upset once in a while under the new rules. True, punts may be shorter and field goals fewer, but quality is relative. In the long run, there will be just as much excitement and over-all quality as always.

These same coaches agree that two-platoons in high school is all right. There, as many as possible as can be accommodated. However, the college varsity game should be more demanding.

Restores Strategic Playing

The most important reason for the restoration of the one-platoon, most advocates agree, is that it will restore much of the strategic participation to the players, where it should be, and not to the coaches. Some coaches used their players as chessmen, running the game from the bench by substituting a player each down to call the play for him. This year it will take resourceful as well as skillful men to produce a winning combination.

Two-platoon advocates are confident that next year will find unlimited substitution, and the proponents of 60-minutes men are just as sure that the new rule is here to stay. Which ever the case be, the argument will continue: Free or limited substitution.

U. S. COLLEGE GRADS ELIGIBLE FOR TWELVE BRITISH SCHOLARSHIPS

Beginning in the academic year 1954-55, twelve Marshall Scholarships will be available for American graduate students wishing to study at a British university.

The Marshall Scholarships have been established by the British Government as a gesture of thanks for Marshall Aid, in gratitude for America's generous and far-sighted program for European recovery.

Twelve scholarships will be granted annually, each for a two-year period which may be extended to three. Eligible for competition are U. S. citizens, men or women under the age of 28, graduates of accredited U. S. colleges or universities. The scholarships may be held at any British university.

Transportation Provided

The value of each award will be \$1,540 a year, with an extra \$560 a year for married men. This sum will comfortably finance a year's study at a British university, since academic fees and living costs are considerably less than in the United States. Transportation is provided from home to the British university and back.

Qualifications for the awards are distinction of intellect and character, as shown by scholastic attainment and other activities and achievements. Preference will be given to candidates who combine high academic ability with the capacity to play an active part at the university of their choice.

Three Candidates Per Year

Under the terms of the awards, each of four regional committees in the United States — East, South, Middle West, and Pacific — will select three candidates every year, with three in reserve. These names will be forwarded for approval to the Advisory Council in Washington, which consists of six distinguished Americans who will assist the British Ambassador, Chairman of the Council, in reviewing and approving the candidates.

The closing date for applications for 1954-55 scholarships is November 1, 1953. For further information, prospective candidates should write to British Information Services (Marshall Scholarships) 30 Rockefeller Plaza, New York 20, N. Y.

All Naval Reservists Invited to Attend Bi-Monthly Meetings

All Naval Reservists are invited to attend the meetings of the Naval Reserve Research Company 9-9. Meetings are held in Mechanical Hall, MSM, at 7:30 p.m. on Mondays (bi-monthly). The first regular meeting of the semester was held September 21.

Those interested should make applications for membership in NRRC 9-9 to Professor Clare J. Thorpe of the Mechanical Engineering Department. Lt. Thorpe is Executive Officer for the Company.

Research information and films will be presented at all meetings.

Kappa Sigs Return to Find Dust, Dirt and Shining New Kitchen

Another summer passed and we miners entered the majestic palace again only to be greeted by dust and dirt. Over the summer a few men lost their freedom and some lost their pins. Those who were married are John Schlinsker to Diane Powell of Lawrenceville, Ill. and Bob Schaefer to Joyce Slevin of Chesterfield, Mo. Those pinned were Pat of St. Louis by Bill Gartland and Jean Doubet of Peoria, Ill. by Jim Brentz. Congratulations, boys.

The new bumper crop of pledges are Dan Coleman, Chuck Warneke, Joe Chorzal, Dick Baruch, Jim Funk, Jim Gender, McDuff Elswick, Joe Wolverton, Ed Givens, Walt Edwards, Bill Dowell, Bob Green, Jim Stokes, Chuck Miller, Phil Roush, John Pipkin, Bill Demzik, Kenny Aid, Donald J. Roth, Terry Maclady, Bob Eshbaugh, Wally Saunders, and Bob Nelson.

Have you dined at Kappa Sigma lately? Man what food! The kitchen has been remodeled from dishwasher to refrigerator including kitchen sink. Along with the new kitchen there were some old familiar sights such as G. G.'s - C. W. (continental wagon) and paddle-totend Plache's rusted amphibian.

Signals 1, 2, 3, 4, hike. Yes, intramural football has arrived at school again and there has been a terrific turnout of the boys here. It looks like, that from the new pledges and from last years players we should obtain a pretty fair team.

LARGE CROWDS ATTEND DEMONSTRATION GIVEN AT AIEE-IRE MEETING

By Campbell Barnds

The joint student branches of American Institute of Electrical Engineers and Radio Engineers (AIEE-IRE) and the American Society of Mechanical Engineers (ASME) held a joint meeting Thursday, September 24, in the New Chem. Building lecture room.

For the evening program, Mr. Irvin Mattick who has been with Bell System over 25 years and given hundreds of programs and his assistant, Mr. G. M. Cummings put forth an excellent demonstration on the uses of micro-waves with portable equipment that is available for programs of that nature.

The topic of the program, "MICRO-WAVES and YOUR TELEPHONE" was DEFINITELY carried out to its fullest. The program was interesting and informative to the excellent audience in attendance.

In the dark of night two safe-breakers entered a bank. One approached the safe, sat down on the floor, took off his shoes and socks, and started to turn the dial of the safe with his toes.

"What's the matter?" asked his pal, "let's open this thing and get out of here."

"Now, it'll only take a minute longer and we'll drive them fingerprint experts nuts."

TRIANGLE

(Continued from Page 1)

forthcoming year were elected. The new officers are:

President, James Hubeli; Vice President, Terry Godsey; Treasurer, Frank Paladin; Corresponding Secretary, Mort Mullins; Recording Secretary, Larry Murphy; Steward, George McQuie; House Manager, Clyde Crutcher.

Congratulations to the new men and best wishes for a successful term in office.

The social committee is looking forward to a full year with the first event of the year scheduled for Homecoming, for which a large Alumni turn-out is predicted. The Mothers club is planning a luncheon-meeting at Parent's Day, October 17.

The Membership Committee brought the pledge class to twelve for this semester with a number of additional prospects in the offing. The new men are: James Robert Close of Edwardsville, Ill.; Arthur Arnold Evans of Miram, Mo.; Dennis Ray Hunnicutt of Granite City; Donald Ray McGovern of Granite City; Carl Macios of Granite City; Billy Max Olinger of Brookfield, Mo.; Robert David Randolph of Chicago, Ill.; Antonio Patrick Robino of Crystal City; Roger Lee Wade of Granite City, Ill.

NAVY EXAM

(Continued from Page 1)

fraying such expenses as board and room. The government pays tuition, the cost of textbooks, and other fees of an instructional nature.

Three Years Active Duty

Students commissioned from this program are obligated to serve on active duty for three years and those selected as career officers at the expiration of this period continue their professional growth concurrently with their Naval Academy contemporaries.

Mr. V. A. C. Gevecker, Assistant Dean of Missouri School of Mines, who is acting as the Navy's local civilian representative, will be pleased to provide specific information about the program, including the time and place of the competitive examination, the method of making application, and the specific age and scholastic qualifications. This information may also be obtained at any of the U. S. Navy Recruiting Stations listed in the NROTC Bulletin of Information.

She: "Does your boy friend have ambitions?"

Her: "He certainly does — ever since he's been knee high."

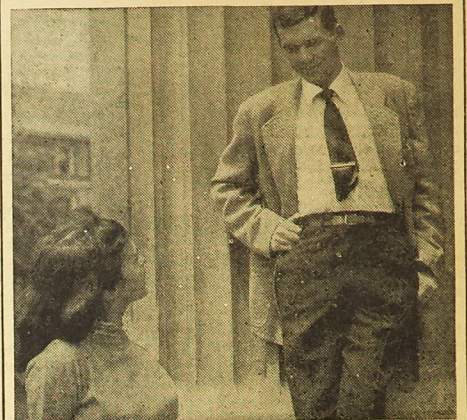
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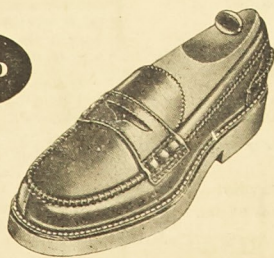
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