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Associated Students of the Montana School of Mines

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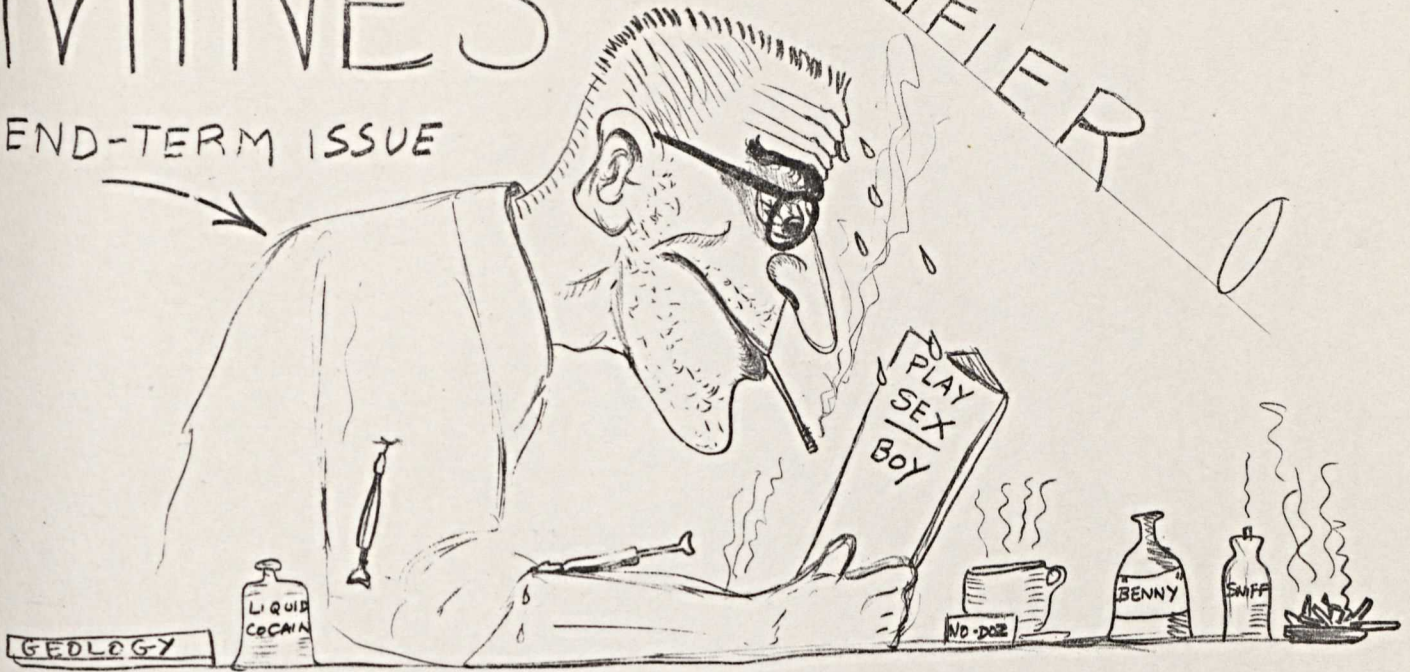
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MINES

END-TERM ISSUE

AMPLIFIER



STEIN

January 17, 1956

VOL. II 7th Edition

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MEET YOUR FACULTY

by Bill Lees

Dr. Sheng Tai Shih is in the metallurgy department of the MSM faculty. Dr. Shih came to Montana Mines last fall from the Missouri School of Mines where he was teaching and doing research.

Dr. Shih received his B.S. in 1945 at National Tsinghua University at Wuchang, China. He then left for the United States and Missouri Mines, where he taught for 4 years. In 1951 that institution granted him his M.S. He then proceeded to Lehigh University at Bethlehem, Pennsylvania, under a research fellowship but he returned in 1952 to work on his doctorate. After receiving his doctor's degree in 1954, Dr. Shih did special Titanium research for the air force. Several of the officials at Montana Mines are Montana Mines' graduates and they influenced Dr. Shih's decision to come to Montana.

During the Japanese occupation of China, it was difficult for anyone to obtain an education. Dr. Shih said that they were forced to move their university location many times. Often, all they had available for study was their text books. The courses were similar to those taught in American colleges since many of the texts were of United States origin. Also, some classes were taught in English due to the great number of dialects spoken.

Dr. Shih's main concern is metallurgical research but he expresses an appreciation of classical music and photography. He is a member of the American Society of Metals and Sigma Xi, national honorary fraternity for the promotion of science. He is co-author of two technical papers: 'Cathodic Potential on Titanium in Acidic and Alkaline Solutions', and 'Cathodic Potential of Titanium in Hydrofluoric Acid'. A third paper will be published this spring.

GRADUATING SENIORS

by R. Westerman

Russell Dugdale, a burly metallurgy major, was born in Great Falls, Montana, in 1928. He completed first grade in Great Falls, then moved to Butte, where he completed his grade school and high school education.

In the fall of 1946, he enlisted in the infantry, where he served his hitch as an M.P. He received his discharge in March, 1948, and started at Montana School of Mines that fall. After 1½ yr. he dropped out from school, to return in 1952. He worked during the school year 1954-1955, so returned to

school in the fall of 1955 as a senior. On September 21, 1955, he married Joan Hamry, a Butte girl.

Russ has an impressive record of practical experience in the Anaconda Company as a miner, sampler, and smelter worker; he has also worked for the Victor Chemical Company. At the present time, he works for the Anaconda Company as an oiler on weekends and he also works part-time as a draftsman for Sullivan Valve and Engineering.

Russ is an accomplished horseman and hunter; he spends a good deal of time in the woods hunting big game or prospecting with his Geiger counter. He also likes to fly, and has his private license.

His future plans include work in a foreign country, preferably Africa. However, he is seriously considering Cerro de Pasco in Peru, as he feels opportunity exists in South America for the young engineer.

DEBATE

The School of Mines debate teams will entertain Bozeman in an intercollegiate debate match Tuesday, January 17 at 7:00 P.M. in Main Hall. This year's debate question is: "Should the non-agricultural industries of the United States guarantee their employees an annual wage." Everyone is invited and it is guaranteed that these debates will not be boring. The Mines are defending state debate champions for the last two years, so break away from the books for an hour and come out and support them.

ANDERSON--CARLISLE

J. Walter Scott, assistant superintendent of development of Western Electric's Hawthorne Works near Chicago, was the speaker at a regular meeting of the Anderson-Carlisle Society last Wednesday. His topic was, "Some of the Problems and Difficulties Confronting the Metallurgical Engineer."

Godfrey Howard, society president, presided; Ed Westerman, program chairman, presented the speaker.

STUDENT COUNCIL NEWS

by Ed Westerman

The Student Council voted an appropriation for the hockey team to cover the expense of medical insurance. The insurance expense was the last barrier in the way of an active Mines hockey team; we can now go ahead and have outside games. The first games of the season will be held in the Civic Center on Sunday, January 15, at 2:00 P.M., and on Monday, January 16, at 8:00 P.M. The Mines team will play the Butte Copperleafs, who have agreed to the admission of Mines students with Student Activity Cards. The games should be very interesting; they always are when you're watching your own kiddies play.

We're going to revive traditions and have a beard-growing contest this year. We don't have any prizes yet, but we'll find something to give away. Although the AFROTC objects to fuzzy cadets, Air Force regulations will permit a mustache. So-- allow the ROTC cadets to participate in the Mustache judging, we will also give prizes for outstanding mustaches.

The Copper Guards were given hearty Council approval on their plan to sponsor dances after home basketball games. According to rumor, the dances will be held in the Museum Hall to hi-fi accompaniment.

To everybody who enjoys the lunch room facilities in the Main Building: let's make a concerted effort to keep the place clean. Bring pop bottles back to the rack; throw refuse in the garbage can. A little effort on everybody's part will make a big difference. We may even make it sanitary enough so that people can eat there.

DANCE HELD

The Copper-guard dance was just the thing to start the new year right. The music was excellent, the decorations, it has been said, were the best ever, and the punch turned out to be lemonade.

The dance was well attended, but there was plenty of room left for more dancers. Dr. Koch and Professor Laity were present, and much to Professor Laity's regret, Lucas and his history book could not be found on the dance floor nor in the fluorescent mineral room. Besides, Professor, who wants to dance with a history book?

KIDDIE KORNER

by Markham

Hello kiddies! Here's your old Uncle Waldo back at his big desk to answer all the questions you dear little boys and girls send in to him! There were so many interesting letters this month that I just couldn't answer all of them. The ones I chose to answer seemed to be questions that might be bothering all you kiddies. Letter 1.

Dear Uncle Waldo,
My Mummy has a strange man in her bedroom everyday. She says that he is repairing the furniture and won't let me watch him. I like furniture repairing. I have tried to ask Daddy about it but he is always sleeping with his bottle on the sofa except when he is hitting me with the bottle. What I want to know, Uncle Waldo, why is there a different man every day?

Bobby, Age 5

Answer 1.

Dear Bobby,
Your old Uncle Waldo is so happy that a fine little boy like you is interested in anything as fine as furniture repairing. It is fine boys like you that come from fine homes like you do that make fine young men. Good luck in your furniture repairing career!

Uncle Waldo

Letter 2.

Dear Unca Waldo,
I kant spel ver good but I have truble and want u to help me. Ever since I have bin in school I have had truble ridin my scooter. The uther kids laf at me and say I am dum. How can I pruv I'm as smart as they r.

Henry, Age 24

Answer 2.

Dear Henry,
Little boys and girls nowadays are too quick to laugh at other kiddies who are not as quick to learn as they are. I can see from your letter that you are a fine boy and I'm sure that in a year or so you will have no trouble riding your scooter. The main thing is to stand on one foot and kick with the other.

Uncle Waldo

THE INQUIRING REPORTER

by Art Weizer

This week the material in this column was submitted by a loyal fan and energetic reporter who took it upon his own to poll the students about this pertinent question: "Are Geologists Snipping?"

Senior: "There is absolutely no truth to the statement - all geologists are odd. Just because I prefer my knitting to

Senior: "Well, Bub, as I see it, there are only two kinds of rock. One is considered valuable and may be found all over the earth. The other is quite worthless and may frequently be found in the food."

Sophomore: "We are now studying a newly discovered ore body which has been acclaimed by renown scientists everywhere, known as KIMOVAS NOVAKIA."

Freshman: "I will major in Geology, if I ever get that far. This isn't my own choice for an accident put me here. After finishing high school, Dad gave me a placement test. He led me into the back room where he had placed on the table: an ore sample, a fifth of whisky, and a copy of Playboy. In my rush for this latest issue, I tripped and overturned the table, the whiskey spilled on me, and the ore sample fell right into my hand. Dad quickly rushed me to Butte."

LETTERS TO THE EDITOR

Dear Sir:
It is with great reluctance that I create the precedent by writing to you with this sincere complaint. I am an independent, and, think, an impartial bystander to events which occur on the campus and as such am appalled by the shocking spirit shown by a certain fraternity. I have noticed this in connection with all things.

I have heard them refer to their brother fraternity on the campus as something unprintable by any self-respecting magazine. Their names and stories are, from my viewpoint, quite without foundation.

I have heard them complain of the pathetic, useless student council and without hesitation they blame Sigma Rho whose members make up the majority of the council.

I have seen sporting activities marred by the vicious tempers of people of this fraternity. Sir, it is my sincere desire to see this fraternity make an earnest effort to vindicate itself by making efforts to show a magnanimous spirit.

Editor's note: AMPLIFIER does not necessarily hold the opinion of the above freshman student. All letters to editor will be appreciated.

ROOM 114

Coed apologies and thanks go to Ben Huber and his friend George?? Apologies for interrupting your date and thanks for starting our stalled automobile. But don't you think that out of all the men on the campus, we could have found some gallant, chivalrous souls without dates?!?!?

A beard to a man is symbolic. Since time immemorial, facial foliage has symbolized virility and strength. Man's beard is a carry-over from cave man days, but as recently as the last generation, when it was the trademark of the Head of the House, the man of wrath who rules with an iron hand. This is deeply ingrained in man and he's reminded of it every time he sees a picture of his father, grandfather, or nearly any one of his forebears.

-McCalls-

Is this what the beard growing contest is going to prove?

1st Coed: "It says in Finch that in 1850 Great Britain had a 60-hour working week."

2nd Coed: "Gee, that sounds like the School of Mines."

Following him, the Mines student body racing like the wind, and Howie Bear had a Copperleaf down and really pinned. And Bullock, the peacemaker, tried to slow it down a bit, but soon he found himself on the ice and he began to hit. The fight was finally broken up and peace was restored. But the mines swore revenge as the crowd roared and roared. Monday is the day, eight o'clock p.m. the hour, The Mines will be gunning and they really have the power. The Copperleafs outnumber the Mines by quite a few in reserves, So come out and give this team the support it really deserves.

WHAT THEY'RE SAYING

by Jon Langfeldt

John's Cafe:
Waitress: "What do you want?"
Parker: "Two hot dogs."
Waitress: "What do you want on them?"
Parker: "Well, dogs usually have hair on them."

After the hockey game:
Weiber: "We'll have to pass out brass knuckles with the programs."

Paul and Trev: "Happy Serbian New Years!"

Poetry Corner:

The snow was coming down at a most rapid rate. The sun refused to shine, and I might also relate, that the day was very dreary and filled with gloom, except in the flats where the Copperleafs nearly met their doom. The hockey game at the Civic Center was almost through, when in the waning moments some fellow's temper blew. The fight immediately started with participation from each side. The Mines were fighting mad as these guys had lost their pride. The Mines were outnumbered two to one, but Fletcher took on four, and then things were evened up as Diekman raced across the floor.

CHICAGO METALLURGICAL ENGINEER TALKS TO MINES STUDENTS

The assistant superintendent of development of Western Electric's Hawthorne Works near Chicago was the speaker at a regular meeting of the Anderson-Carlisle Society on the School of Mines Campus Wednesday night.

J. Walter Scott, a metallurgical engineer, was the speaker. His topic was, "Some of the Problems and Difficulties Confronting the Metallurgical Engineer." The technical dissertation was termed "one of the best" ever presented to the student chapter of the AIME.

Godfrey Howard of Golden, Colo., society president, presided and introduced Ed Westerman of Butte, program chairman, who presented the speaker.

URANIUM STRIP MINING BEGINS

A Billings prospector said Monday he and two partners have begun strip mining operations on two of 59 uranium claims they have filed in the Pryor Mountain area.

The claims, latest reported filed, are owned by William E. Coyle of Billings and Missoula; Glen E. Ferguson, Rosebud, and Walter B. Dean Jr., Forsyth.

Coyle said the claims were staked on the lower section of the mountain instead of near the top where many of the others - totaling some 450 - have been marked.

CONGRATULATIONS TO JANICE GOULD AND BOB EARHART - Janice and Bob became engaged during Christmas vacation.

BEARDS! BEARDS! FOR MONTANA MINES

This article is an unbiased survey of the attitude of great men towards the AFROTC's of beard growing by the cadets. These gentlemen are leaders in their respective fields. The question was asked, "Do you believe the students enrolled in AFROTC should be allowed to grow beards for "M" Day?" These were the answers:

Erace: Yes, I think the opposite sex should be allowed to grow beards. We of the fair sex can't, you know.

Terry Lee: They grow mustaches, don't they?

Los Romulos: (President of the Phillipines) General U. S. Grant had a beard. Of course I didn't fly airplanes, but I recall a certain Lieutenant who used to be here in the Phillipines who didn't fly airplanes and he was in the Air Force.

Friday: Let's get the facts. Maybe the officers don't want their beards shown up.

Steadfast: (Mayor of Booserup, Tenn.) We never shave when the federal boys are around inspecting for our stills.

Annie: You are goddam right they should.

A student poll was taken on being allowed to grow beards.

<u>For</u>	<u>Against</u>
278	1*

no longer in school

As an unbiased poll has been taken and the results presented to you the public. The AFROTC department is also to be thanked for their support of the declining morale of the students in this school.

SCHOOL OF MINES JUNIOR WINS \$600 SCHOLARSHIP

The Gardner-Denver scholarship at the Montana School of Mines, valued at \$600 a year, has been awarded to Robert Dorman, a senior student in mining engineering, on Wednesday. J. Robert Van Pelt announced

Besides maintaining a high standing in

academic work, Mr. Dorman is a member of the Student Council, secretary-treasurer of the Anderson-Carlisle Society, and active in Theta Tau Fraternity. He is a graduate of Bismarck, N.D., High School. Mr. and Mrs. Dorman and family reside at 1221 W. Porphyry St.

Presented to the School of Mines by the Gardner-Denver Co., manufacturers of mining equipment, this scholarship is open to juniors and seniors majoring in mining engineering. Vice President B. P. Spann of the Gardner-Denver Co. in presenting this award to the school, stressed the nationwide shortage of mining engineers, the great opportunities open to them, and the desire of his company to assist promising young men interested in this profession.

The award will usually be made to a junior, and may be renewed for his senior year if he maintains a good academic record. In addition, the Gardner-Denver Co. may offer him temporary employment during the summer between the junior and senior years in order to give him experience with their operations. After his graduation, the company is not bound to offer the student any employment, nor is the student bound to accept such employment if offered; but it is expected that in some cases such offers may be made. Gardner-Denver employs many engineers in research, design, manufacturing, and sales. The company operates engineering offices and manufacturing plants at Quincy, Ill. and Denver, and maintains sales offices in many mining and industrial centers throughout the world.

Last June the Gardner-Denver Co. was host to the entire class of 1955 from the School of Mines when the class visited Denver for an inspection of industrial and engineering organizations.

SENIOR GIRL SCOUTS HEAR TALK BY MINES PROFESSOR

Senior Girl Scout Troop 23 heard Dr. B. W. Brown of Montana School of Mines faculty speak on topographic mapping at the regular meeting held Thursday evening at the YMCA.

Dr. Brown began by defining the word "map" as a picture with controls over space arrangements and drawn to scale. The map scale and methods of its use were explained.

Dr. Brown added that topographic maps of a given area may be obtained from the U. S. Department of the Interior, Geological Survey Division, or from some blueprint offices.