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### The Amplifier - v. 2, no. 5

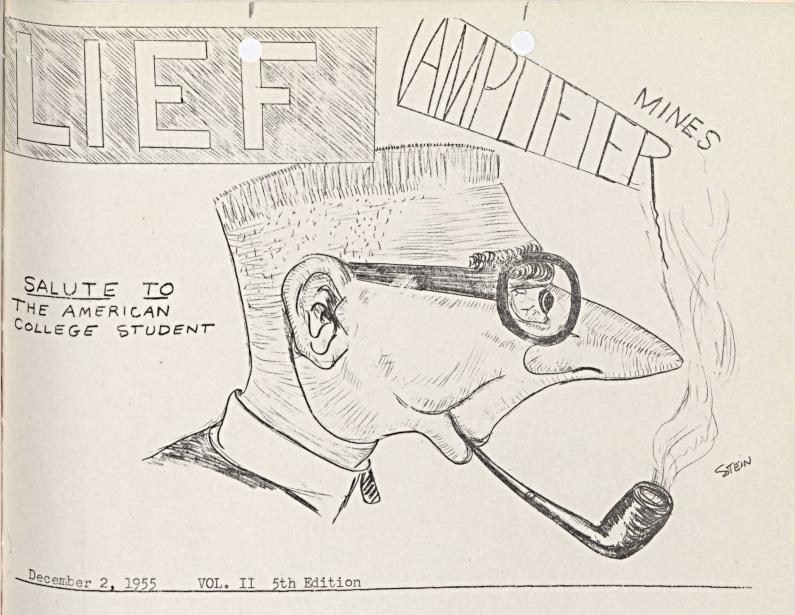
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ROOM 114
NOTES FROM THE OFFICE

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A. Morris

J. Langfeldt

B. Brown

E. Lonnergren

E. Westerman

R. Westerman

A. Weizer

G. Parker

V. Kendall

L. Stein

B. Lees

Editor

### MEET YOUR FACULTY by Bill Lees

Mr. Frank L. Koucky is another recent addition to the geology department. Frank comes to the Mines campus from Chicago, where he attended the University of Chicago. He received his B.S. and M.A. simultaneously in 1953 and at present he is working on his thesis for a Ph.D. which he expects to receive in March. Since 1953, Mr. Koucky has taught chemistry and geology at the University of Illinois.

From 1945-47, Mr. Koucky was in the special services branch of the army. Since them he has been busy obtaining an education. He is married and has three boys aged 5, 3, and 6 months. Mr. Koucky says it was the opportunity to observe Montana's geological structure and sulphide minerals in particular, that drew him out west.

Mr. Koucky is a member of the Geological Society of America, American Mineralogical Union, American Crystallographic Union, American Geophysical Union, American Assin. Of University Professors, and Sigma Xi, social fraternity.

# 3,33

#### AMPLIFIER SAYS

Editor

How important is a coffee shop? Will it really benefit the student body? In what way could the shop be set up to run smoothly? These are some of the questions to be answered.

Coffee shops or reasonable fascimiles thereof.
The shops have proven their worth! Students
Weary from classroom grind drop in for a
The shop provides a means whereby faculty—
student relationships could be cemented. Again
Wouldn't spend as much in our own shop! And
He'd jump at the chance to eat a roll and
Our shop would gain an air of congeniality and
good fellowship.

Here, then, are the benefits. 1) restimulated, 2) student-faculty relation
running the shop, 4) relaxation during the
Many others can be listed but just the few
mentioned should make us see the possibilities.

The beginning of our shop must necessarily start with the student council. They must agree to carry the ball. Next, a convocation should be held. Students should express their opinions about running the shop and about cost. They should give the council a vote of confidence. Now the groundwork begins. Know what we want to have in the shop, buy it with student funds, set a minimum price, send out applications to the student body, hire the guys to run it, fix their wage and we've got the coffee shop:

#### GRADUATING SENIORS

by R. Westerman

George A. Cloudy, a senior in Geological Engineering, is one of the few Mines students from Alaska. He was born in Ketchikan in 1934, and attended grade school and high school there. Shortly after, his family moved to Juneau, his present home town.

George has been interested in geology as long as he can remember — it is natural that his favorite courses deal with this subject. He has been in many school activities: AIME, Mineral Club, M Club (George has two letters in basketball), Drama Club, Theta Tau Fraternity, and Glee Club.

Last summer, George was assistant to the city engineer of Juneau; he gained valuable experience evaluating real estate. The previous summer he worked as engineering aide for the Bureau of Public Roads.

While George claims he has no steady girl friends, he reluctantly admitted carrying on some correspondence with "different girls".

The subject was, of course, pursued no further.

George's future plans, naturally enough, include a hitch in the army. Until that time, however, he would like to do some aerial prospecting for uranium ores in Alaska. Eventually he hopes to obtain a job with a mining company and settle down on the Alaskan coast, where the climate is extremely mild and the people are very friendly. The friendliness of the people of Alaska, says George, stems from the fact that about half of them are from Montana.

#### MINE ACCIDENT

Sorry to hear that Bob Long injured his finger underground last week. The accident seems to have been unavoidable, so we're doubly sorry. Bob reports, however, that the finger is progressing and except for the bandage, everything is O.K.

#### WHAT THEY'RE SAYIN'

by Jon Langfeldt

In the Residence Hall:

Schweitzer: Have you read your Geology? Mahon: Yeh; boy: that chapter on oceans was deep and was the one on the

deserts ever dry!

Schweitzer: Sm..t guy.

\*\*\*\*\*\*

On a hunting trip:

Lanier: No, Banghart, you climb into the sleeping bag, not under it.

\*\*\*\*\*\*\*

At the Rose Garden Party:

Parker: Scotch and Soda, Please

Walkup: I like to Polka.

Dewhurst: ? ? ?

Tannahill: This is almost as fun as

Anaconda.

Engebretsen: Hic:

\*\*\*\*\*\*\*

Poetry Corner:

The world was spinning around my head As I bravely looked up from my bed. I remember the evening was filled with laughter;
But no, it can't already be the morning after.

# KOSNICK AND HARNISH WITH JC\*S

Lt. Kosnick and Prof. Harnish are holding (Junior Section) organization. Lt. Kosnick was elected president of the organization and Portant committees. Some of the more imcerning the city of Butte which will be dispaying by the organization are traffic, street others. This definitely proves that Montana Kosnick and Harnish are certain to do well at directors.

#### MAGIC CONVOCATION

Frank Howald is still wondering how that magician put those three extra coins in his hand: Frank says he counted them and it's beyond him. The program was well presented by Frank's "mysterious magician" and everyone enjoyed the audience participation. Who the heck was the guy that reversed the can and fouled up that one trick with the handkerchief? Mr. Cain did well by taking the can from the guy's hand and reversing it again. This definitely proves that the magician, Cain, was trying to put something over on us.

Cain had some clever jokes, didn't he,
Miss Whelen? And it's a good thing that
Margie didn't drop that egg on her head! Anyhow, if Mr. Cain ever comes again, we'll be
more prepared for his well received show.
Frank can pocket the coins, and the guy can
steal the handkerchief, Margie can really drop
the egg on her head, and Miss Whelen can adlib!

#### KID IN THE KORRIDOR

Hunh: So the Community Nurses had a dance a week from last Sunday. So the Kid (one among many) wasn't invited. Do you think that a little thing like a direct snub is going to bother the Kid? Of course not! And just to show them they can't get away with a stunt like that, just see if he'll ever invite them to any dances or anything like that. Hmmm, come to think of it though, they probably wouldn't even go out with him anyway.

This year, as last, there is a controversy over the senior trip. The controversy this year is different from the controversy of last year; instead of not knowing where to go this year, most of the seniors don't seem to even want a trip. These fellows think that it could be abolished if all seniors want to abolish it. Most of the opposition to the trip comes from the seniors who are in bad financial shape, so how about it, you flush few? Why not go along with those less fortunate, and cooperate with the majority?

In closing, just a word to those who find unwashed plates among the stack of clean ones: It doesn't do any good to put them on the floor under the scooter, cause the Kid saw one of the cooks pick up the plates on the floor, and put

them back on the stack.

An Amplifier reporter has just uncovered a sinister scheme being perpetrated against the Telephone Company by the few students that have Steady girl friends. Here is how it works: to Save a measly old dime, when the boy wants to call his firl from the pay phones, he uses a dime (borrowed) to call the girl, but allows the phone to ring only once. Then he hangs up, and gets his dime back. When the girl hears the phone ring once, she knows that her "luvver" has called, so she immediately calls back the number of the phone, he answers, AND THE PHONE COMPANY IS GYPPED OF A DIME!!

#### "The Old Order Changeth, Yeilding Place To New .... " by G . Parker

riction Drive vs Conventional Hoists.

New to the U.S., although very popular on the Continent for a number of years, are Friction Drive Hoists. It is not possible, in an article as short as this, to present the theory of friction drives, but a summation of advantages and dis advantages might be useful.

SAFETY

Several ropes are used instead of a single

Dis. Rope can not be greased for protection against corrosion. ROPE WEAR AND COST

Ad. Wear is less. More rope is required. Rope changes are more difficult. Rope must be placed if shaft is deepened. Rope ends can not be cut off for inspection.

SIZE AND COST OF HOISTING UNIT. Smaller diameter and narrow width of pulley give low unit weights and inertia. Compact Size and low weight permits installation in headframe above shaft. Design of pulley can be standardized as it is independent of depth of shaft. Above factors result in

Dis. Additional cost and extra space needed for lower capital cost and operating cost. counterweights.

POWER DEMANDS AND CONSUMPTION. Lower due to balancing of tail rope and

Dis. None. decreased inertia of tailrope.

FLEXIBILITY. d. Can be used as single drum, single rope hoist for initial shaft sinking. Independent operation of single hoists (with counter-Weights) permits hoisting from various levels etc.

Dis. Due to tailrope shaft has to be kept approximately 30° deeper than usually necessary.

There you have it. For greater detail see Mining Engineering of Jan. 1955.

A YOUNG WOMAN shouldn't necessarily feel flattered just because a man looks at her twice; it may be that he just couldn't believe what he saw the first time.

\*\*\*\*\*

EVERY MAN owes some of his time to the unbuilding of the profession to which he belongs.

#### CONVOCATION

Dr. Evelyn H. Seedorf, Assistant Professor of English (in speech) at MSU, will appear in a program of literary interpretations on Tuesday, December 6th at 8:00 P.M. in the Library-Museum Building. She will be accompanied on the piano by Mr. Don Stagg, director of radio programs at

The presentation will be a program of impressions divided into three parts. The first part will contain two numbers reflecting impressions of the Infinite and the larger universe, and impressions of the negro race. The second part will reflect impressions of France received during a brief visit there this summer while the last part will contain impressions of women as expressed by the opposite sex.

Plan to attend. All are invited. Bring your relatives and friends.

A man was driving an auto with his wife in the back seat and stalled his car on the railroad track with the train coming. His wife screamed, "Go on! Go oni

Her husband replied, "You have been driving from the back seat all day. I've got my end across. See what you can do with your end."

#### SPORTS IN THE NEWS by E. Lon. gren

Dale Barnum was chosen for the All Conference Rootball Team. Huber, Crosby, and Godfrey were on the second team. Honorable mentions went to Svee and Lanier.

Recently, a list of those who will receive a letter for the baseball team was issued. Those entitled are: Rodney Anderson, Frank Baker, loward Bear, Ron Crosby, W. Danowski, Robert tickman, Tom McGeever, Hugo Pulju, Don Riggleman, Marry Steeves, and Neil Trengove.

A Fencing Class has started under the able direction of John Kavanagh. We hope to be able to give you more information about this class in the next issue.

Now that the Intramural Basketball League is about to get underway, Coach Olson would like to remind the teams that the rules state that all Mayers must be in uniform. It is suggested that each team get T Shirts of the same color, or else plain ones that can be dyed. The colors should be some solid color such as black, red, blue, etc., but not pastel colors such as pink.

#### COPPER GUARDS ELECTS OFFICERS

The Copper Guard held it's annual election of Officers Nov. 16, with the following members being elected to head the organization for the coming

Duke G. Lanier Chancellor T. Minette .... Scribe C.B.McNeil ...... Recorder ..... G. Penny Expansion Officer B. Hansen

The coming year promises to be an eventful one for the Copper Guard with many new projects already in the planning. The most paramount at the present the Christmas decoration of two pine trees in front of the dormitory.

#### ANDERSON--CARLISLE by G.P. Howard

Don't forget the illustrated talk Wednesday, Dec. Don't forget the illustrated talk mount of the forget the illustrated talk mount of the forget the illustrated talk mount of the forget the given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall to be given by M. 7, at 7:30 P.M. in the Museum Hall or J. J. Feketie, Assistant Personnel Manager for Cerro de Pasco Corp. All members and nonhembers are invited. Since the subject deals with opportunities in foreign countries; it would be opportunities in foreign countries, is at the sable for students to bring wives and future wives to this to this meeting. This enables both parties to become ware of living conditions associated with foreign duties. Refreshments will be served afterward.

#### JMNI NEWS by Bill Brown

A letter was received feom Paul L. Allsman telling of pay, conditions, etc. This is what he had to say:

"I graduated in 1955 with a B.S. in Geological Engineering. While not actively employed in Geology now I am rewriting my thesis for publication by the AIME and am active in the local Geological Society where I will give a talk on the Geochemical prospecting I helped with for the MBM&G.

"I am employed as an explosives research engineer, due to previous training in explosives in the mining engineering curriculum at the U of Utah, where I received a B.S. in 1949. I am working for Stanford Research Institute at a salary of \$400.00 for a 40 hr. week, which I consider good to start. Working conditions here might be described as "IDEAL", with coffee and doughnuts, bridge clubs, swimming, etc., at lunch hour and many other such benefits. It is a plush job compared to a hot stope. I received no training on this job, and have been largely left to myself with only a minimum of guidance. The results are what count.

"The work is largely classified, however, I am currently developing shaped charges for perforating oil wells. I like the work; it is very challenging. I could not have obtained the job without my college training; and most of the many courses I had in 72 years of college have been useful, many have been essential."

Pauls address is: 457 Glenwood Ave. Menlo Park, California

#### DEBATE TEAM LEAVES FRIDAY FOR MSU

Parker, Morris, Hager and Halleck will leave Friday noon for a debate tournament with Montana State University. This tournament is designed to give Mines debaters additional practice before meeting teams in the spring tournaments. Following this trip the School of Mines debate team plans a debate with Western Montana College in Dillon, sometime in the near future.

Parker's bad influence on Langfeldt!

Where does WAIKUP get all the firecrackers?

by Art Weizer

A few issues back, the subject matter of this column was the tunnels which link the buildings. Since then there have been inquiries about the incompleted passage that connects the Residence Hall and the Gym. Everyone knows the route of this subway for the area is clearly marked due to the absence of snow and ice as a result of the underground steam pipes. Many reasons have been given as to why it lasn't been completed. So we ask; "Should this tunnel be completed?"

been for the last 20 years."

"Consider the idea out if the guys have to run through the married students quarters enroute to the entrance."

"Well, now, I get my exercise sliding down that hill every morning."

"I think the walk is a good refresher for it wakes one up before the tepid classrooms put him back to sleep."

"No, not if the tuition or room rates have to be raised."

\*\*CEPTED STUDENTS FOR WHO S WHO AMONG STUDENTS AMERICAN UNIVERSITIES AND COLLEGES

Following is the list of senior students the Montana School of Mines who have been scepted to represent the school in the 1955-Edition of Who's Who Among Students In Merican Universities and Colleges:

Berthelote, Theodore F.
Residence Hall, Mont. School of Mines
June 1956

Riggleman, John Donovan
Residence Hall, Mont. School of Mines
June 1956

Shaffer, James F.
Residence Hall, Mont. School of Mines
June 1956

Westerman, Edwin J. 2625 Kossuth Avenue, Butte, Montana June 1956

Westerman, Richard E. 2625 Kossuth Avenue, Butte, Montana June 1956

Wilhelm, George L.
Residence Hall, Mont. School of Mines
June 1956

Hardwood season is just like Christmas, it's almost upon us, (Hurrah!), and most essential to its success, that is, besides the team, is the cheerleaders. The initial appearance of the coed cheerleaders was made at a pep assembly preceding football season. Everyone perceives what they seem to be but here are some cues to make the perception more accurate. (Psychology, you know!)

Myrna

Eyes - brown

Hair - brown

Height - 5'5"

Hobby - painting

Subjects - liberal

Ambition - teaching

Status - unattached

Ex. Curricular Activities:

Cheerleading, fencing, sec-treasurer,

Coed Club

Veda

Eyes - hazel
Hair - light brown
Height - 5'6+
Hobby - sewing and collecting pictures.
Subjects - liberal
Ambition - teaching
Status - unattached
Ex. Curricular Activities:
Cheerleading, fencing, sec-treasurer,
freshman class.

Betty

Eyes - green

Hair - dark brown

Height - 5'8"

Hobby - ??? Well, she's the Girl Who

Can't Say No!

Subjects - scientific

Ambition - chemistry

Status - unattached

Ambition - chemistry
Status - unattached
Ex. Curricular Activities:
Cheerleading, fencing, M.S.M.'s
best actress; cashier at local
theater.

Darien

Eyes - hazel
Hair - brown
Height - 4'll 3/4"
Hobby - singing
Subjects - liberal
Ambition - your guess is as good as anyones.
Status - going steady

Ex. Curricular Activities: Cheerleading, Vice Pres. Coed Club, Sparkle on local t.v. station.

Glada Ann

Eyes - dark brown Hair - brown Height - 5'7"

Hobby - "caving" at Lewis & Clark Caverns

Subjects - scientific
Ambition - a degree
Status - undetermined
Ex. Curricular Activities:
Cheerleading, fencing, Pres. Coed
Club.

### iner's Toast

ere's to it, and from it,

nd to it again.

ay those who get to it, and those who don't

it,

ay they never get to it, to do it again.

\*\*\*\*\*\*

## ord for the Day

hate the guys, who criticize and minimize the other guys, whose enterprize make them ise, above the guys who criticize and minimize the other guys.

\*\*\*\*\*\*\*\*

Mulue: Say, Bossard, have you seen the Senior class this afternoon?

Soss: Why, no Jim!

dulue: Sho! funny; neithah have I!

\*\*\*\*\*\*\*

# HEARD RECENTLY:

Two crows were flying over Jacksonville, crowd, when a jet zoomed by. When one replied: "You would go that fast too if tail was on fire."

\*\*\*\*\*\*

began in hot water. And if we don't quit superheated steam.

#### NOTES FROM THE OFFICE



This week the spotlight is on Lois Fordmeir, assistant in the Library. Lois has been here since the fall of 1952, almost long enough to be indispensible. Her hard work and cheerful attitude would make her an asset in any department.

Mr. Fordmeir (Al) works for the Montana Power Company, and may be seen most any night at 5 o'clock waiting in front of the Museum Building for Lois to get through work. She has one son and one daughter, both married, and four grandchildren. Bet you didn't know

she is a grandma!

Because she is a grandma, she is plenty busy these days getting ready for Santa Claus. Every day or so she finds a new gadget for some of the grandchildren. What with working all day and spending a couple of nights a week in the Library, we don't know how she manages any time to make doll clothes, but she finds the time somewhere. Maybe she could help us a little with our time budget?

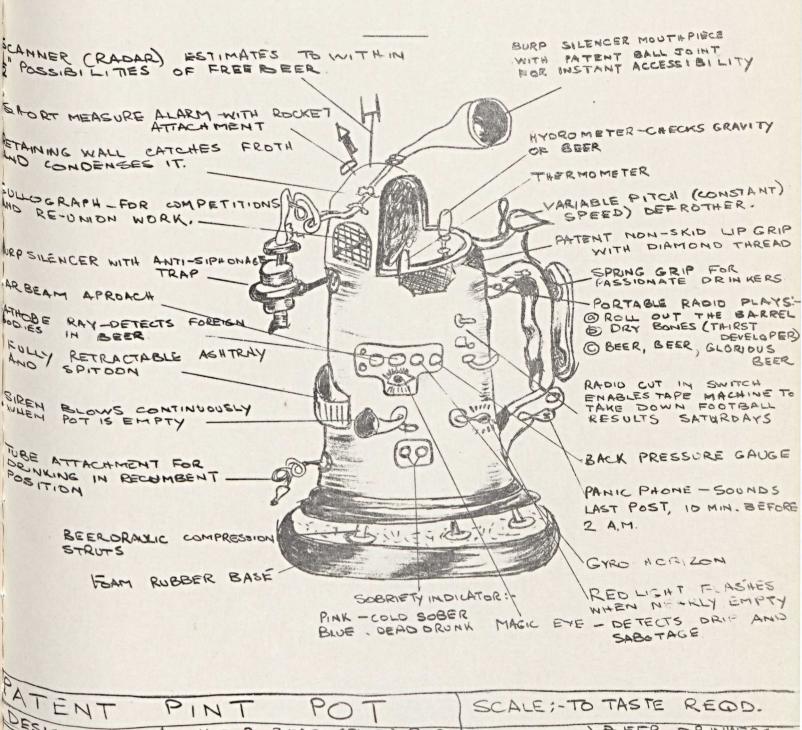
The boss called the new stenographer into his office. "Miss Gann," he said, "you're the best looking girl we ever had working in this office."

A pleasant look came into the girl's eyes.
"You dress well," the boss continued,
"you have a nice voice, you make a good impression on the public, and your deportment is of the highest."

"Oh, thank you." she said, "your compli-

ments are very pleasing."

"Enjoy them to the fullest," returned the boss, "because now we are going to discuss your spelling, punctutation and typing."



1		NAME OF THE OWNER O	The state of the s
ATENT	PINT POT		TASTE REOD.
DESIGNED BY	H.O.P. BEAR (Ph.D.) Profe	APROVED BY	BEER DRINKERS
CHECKED BY	I.B. A DRINKER	ISSUED BY	BOOSE SESSION ORGANIZERS
BY BY	BEER ACADEMI	FMISED	NOT @ ! ? * PUKELY
BY PARKER.	JOHN CHINSTRAP (RET.D)	SHOP INSTRUCTIONS	BY SCHOOL OF MINES
	D	PRG OAIZBZ	P. P. Pot.