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Associated Students of the Montana School of Mines

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George Hugh Says:
Spontaneous combustion is
premeditated oxidation-

"The news you can't read
anywhere else -"

Weather: It may clear up
tomorrow - clear up to your
neck in snow!

MONTANA SCHOOL OF MINES

MINE AMPLE

VOLUME II 11th Edition

March 23, 1956

MOVIES RUIN BUTTE BUSINESS

A.N.A. Mar. 23) The noted Swedish economist
Budter told a meeting of Butte's leading
proponents, that the recent trend in Holly-
wood movies is undermining the economy of Butte.
Using many graphs, statistical data, and
testimonials from unemployed dope peddlers, boot-
leggers, etc., Mr. Budter pointed out that unless
public opinion can be changed in the very near
future, vice of all forms and degrees will be
pre-existent in the very near future.

With the release of "Man With the Golden
Dope" the dope industry alone has suffered a loss
of gross income, over a two-month period, of
eight and one half million dollars. Not only
has this thrown the peddlers and smugglers into
the ranks of the unemployed, but the Anaconda Co.
has been economically affected. Whereas formerly
the "fixed" contract miners tore the rock out
with their bare hands, they now need and use the
drilling, blasting, and mucking equipment. This
has raised production costs considerably. Also,
the pet shops in Butte which formerly sold
twenty thousand dollars worth per year of suede
monkey coats for the 40 pound monkeys now sell

"I'll Cry Tomorrow" has been blamed for
killing eighteen bars out of business and over-
crowding our state mental institutions. Only
a few sedate drinking establishments whose
clientele consists of the moderate imbiber have
survived the influence of "Cry Tomorrow".
Cloudy Beerglass, proprietor of the Chartreuse
Cafeau said, "my moderate drinking customer is
still coming around, but my early morning "gimme
98¢ bottle of wine quick" business has vanished.
The only bright spot in this dark economic
picture is the fact that two new industries have
sprung up over night. Though these are not
connected with vice, they may increase the amount
of money in circulation, thereby restoring some
to the ranks of addiction and alcoholism.

With the advent of "The Rose Tattoo",
starring two motion picture greats, the torn-
slip industry immediately sprang up. Violent
Clothes Inc. and Marital Spats Co. are the two
leading producers of tailored torn-slips. A
reporter visiting the city dump saw truckloads
of knit skirts, Dior gowns, and Cashmere sweaters
now out of style, being consumed by the flames.

Hand in hand with the torn slip industry,
Chest Decorators Lmtd., is adding the crowning
glory to the new fashion trend. Women from
every walk of life are crowding the tattoo booths
of this new business from morn'til night. The
rose design is of course the favorite, although
J. Messy Needles, chief artist, states that
some of the more daring females have had every-
thing from gallows frames to hundred-car ore
trains permanently etched in their epidermis.

EXPERIMENTS LESSONING THE GAP BETWEEN MAN & MONKEY

(A.N.A. Mar. 23) During an exclusive interview
with Dr. Bruno Von Vaughn, the A.N.A. was in-
formed that the monkeys being used in present
rocket experiments are developing habits very
similar to those of man which may become heredi-
tary.

The Dr., weary from a sleepless night, spent
comforting his chief monkey-pilot, Einstein,
stated that just prior to blasting off this morn-
ing, Einstein asked for a Lucky and a stiff shot
of "Old Smuggler". Einstein displays nervous
tremors, nausea, and severe depression just be-
fore each take off. I personally believe that
we may eventually develop a serious case of ulcers
in him by subjecting him to the same mental, and
nervous strains encountered in business and in-
dustry. Already Einstein chain smokes and is
very nearly an alcoholic. With a little more
hard work on our part, we may eventually have him
worrying about his income tax and the conditions
of the streets in Butte, Montana.

COMMENTS FROM THE FRONT OFFICE

J. R. Van Pelt

What does a college education at a state-supported institution really cost? And how much of this cost should be paid by the state? These questions received very serious study recently from the State Board of Education after the University Executive Council made a detailed report on the rising operating costs at Montana's six state schools. To help meet these costs, the Board voted to double the registration, incidental, and non-resident fees. This action was later approved by the Board of Examiners.

The Board of Education also recommended that the six units of the system be allowed to incur substantial expenses in excess of estimated revenue for the remainder of this biennium, mainly to employ additional faculty members to take care of growing enrollments. Such deficit financing is very undesirable and has not been approved by the Board of Examiners.

Why is more money needed now? First, because enrollment has gone up. For the system as a whole, the increase is 40.4% in two years. At Mines, it is 21.3% in the last year. All over the country, there is an impending tidal wave of students which will require more faculty members, more supplies, more buildings, more laboratory equipment.

Second, because faculty members are in short supply, and faculty salaries all over the country are being raised. At Mines, our salaries are the best in Montana, but in the two upper ranks (professor and associate professor) they are still far below other mining schools. These upper ranks must be raised substantially in the next few years, and the lower ranks must also be raised somewhat to prevent them from slipping behind those of the other leading mining schools.

Third, because education--especially engineering education--is being constantly improved, usually in ways that make it more expensive. Our faculty is now studying curricular changes. They are thinking, not only of what our graduates will need in 1956, but also of what they will need in 1966 or 1976. For example, they are thinking of the rapid development of automatic controls. This started in the manufacturing industries, but will soon spread to metallurgy and mining. Hence our graduates must know the fundamentals of instrumentation and automation, including the application of the feed-

back principle whereby an electronic control device receives a stream of information on which to act. We are planning a course in instrumentation which will look years ahead. But it costs money.

The increase in fees will provide only a fraction of the amount needed, but it will permit us to meet some of the most pressing demands on us.

Each student at Mines receives education which costs the taxpayers of Montana about a thousand dollars per year in addition to what the student pays. Is this proper? Should not the student, especially in prosperous times like these, pay a larger part of the cost of his education? The Board of Education has long felt that he should; hence the increased fees. They compared Montana fees with those of other states, and decided on a higher fee schedule, but one which is still among the lowest in the country. They also made provisions for some exemptions or reduced fees in hardship cases, similar to programs in many other schools where financial need is carefully considered in awarding scholarships.

What will be the effect of these fees at Mines? Elsewhere in this issue you will find the new fee schedule. In return for the added income, you will receive an education even better than the excellent program now available to you.

AMPLIFIER SAYS

Editor

The Gas - Hubcap - Fender Skirts - stealing problem has been brought to the attention of the student council. Ed Westerman will endeavor to have the following facts publicized in the local papers:

Students of the School of Mines will apprehend any suspicious persons loitering in the parking areas.

Police will be notified and action taken if these persons were actually in the act of stealing.

Fellas, if we all stick together on this problem, we can reduce gas loss to a minimum. When you catch somebody stealing from cars on the campus, notify the police. If you saw him steal gas or something and couldn't get him, get his license number.

CONVOCATION COMMITTEE

The Convocation Committee has been trying to provide the student body with some type of entertainment. Dr. Koch tried to arrange for the Montana State University Glee Club to sing during a convocation period, but because it is possible to get them only on a Friday afternoon, this possibility had to be ruled out. Another attempt to provide entertainment was through the procurement of several movies which were to be diversified so as to provide part of the period with a technical subject and the rest of the period with a comical movie or else a musical. Our first attempt to acquire these movies has ended in failure but maybe our next attempt will be more successful.

We are attempting to get the FBI to send a man up to the School to give a talk. This will undoubtedly be a very interesting convocation, so watch the bulletin boards for an announcement of this particular event.

We are still open for suggestions, so anyone who has a constructive idea, please inform some member of the Convocation Committee. The committee members are: Faculty - Prof. R. I. Smith, Dr. Edwin G. Koch. Students - Russell M. Dugdale, Jerry Weber, Barry Hansen, and Alan McIvor.

THETA TAU NEWS

Mr. C. W. Britzius, a national officer from Minnesota, attended one of our recent meetings.

Professor Douglas H. Harnish, Jr. was initiated as an honorary member at a formal initiation ceremony a week ago last Wednesday.

The Taus presented the second of their movie hour series Wednesday. The feature movie was on the mining of nickel. Short subjects were also shown.

Three Tau teams were entered in intramural volley ball which started this week.

We recently had a skill pool table set up in our lounge and would like to welcome everyone to come down and make use of it.

SIGMA RHO NEWS

With the advent of the skill pool table in the Rho lounge, we're going to have a pretty crowded lounge. Everyone is invited to play.

Sigma Rho has made plans for another party in the near future.

Frank Martinich, Sigma Rho, won the seventh annual St. Patty's Singles 5-game bowling championship with a score of 1,057.

Sigma Rho volley ball team has been chalking up wins. Team 1 and Team 2 both have 0 losses and 2 wins to their credit.

KID IN THE KORRIDOR

The Kid is getting so that he hates to go into Main Hall, there are so many distractions there these days.

The English department has a prof. who wears such a bright tweed suit, it hurts the Kid's eyes. Then of course, there is the brown pinstripe suit next door, which reflects from its shiny surface into the Kid's line of vision so he can't see through the keyhole into the Coed room. The Kid is simply over-awed by the blue striped shirt being worn by a member of the Math Department. He thinks it is beautiful. Then the Kid is set into a trance by the Geology Department's fashion plate. He will have to start using the tunnels, but then he might be distracted by the propeller's heads in the basement of Main Hall. The Kid is being forced to avoid Main Hall.

The Kid heard a familiar echo coming from the Engineering Building the other day; some freshman was sternly being chewed out, "Now, son, if you were in industry, you wouldn't put your cigarettes out on the floor." The answer was, "I'm going to switch to cigars when I get out into industry, Daddio." The Kid understands from the registrar that a drop card was obtained by this student that very afternoon.

The Kid was wondering why Diekman and Lavis were making like racehorses last week at Lydia's. Ask Kerr, you say?

The Kid wonders what is being brewed in the kitchen the last few days. He prefers the odors in some of the chemistry labs. He is, however, reminded of D. Gait's fundamental law of home economics, "From bad smells come wonderful things." The Kid has his own theory, "From iron you can't make gold."

Foreign woman customer (in bank): "I would lika to maka da loan."

Bank official: "You have to see the loan arranger."

Woman: "Who, Plizz?"

Official: "The loan arranger."

Woman: "Oh, you mean da one who say 'Hi Ho Silver!'"

INDEPENDENTS

by Russ Dugdale

In a little over a month elections will be held for offices in the Associated Students of the Montana School of Mines. If the men and women who are not fraternity members want a voice in the selection of candidates for the offices in the Student Body, I suggest that the Independents organize soon and select candidates of their own to compete for these offices. It is all well and good to say that the Independents do not have a chance against the Frats, but there are men on the campus that can tell you when the Independents organize they get men in office. Next week I will put an announcement on the board stating a time and place for a meeting of the Independents so that we can organize and put someone in office to represent the majority of the school.

The organization of an Independent Party should be of particular interest to the Freshman students. Only those students that are not on probation are allowed to belong to a fraternity. The remainder of the men have no voice in the politics of the school. Organization of an Independent Party will give the men who are not part of a fraternity a chance to be in on the goings on in the school. Throughout this article, I have neglected to mention that it would be possible to include the coeds in on this organization.

Another thing that is quite obvious is that as long as fraternity members run the school, there are few all-school dances sponsored by the ASSM. This is understandable under the circumstances because the Frat members that are running the school are perfectly satisfied with the number of dances and all-school affairs because they supplement these dances with their exclusive Frat and inter-Frat dances and get-togethers. This necessarily leaves all the non-Frat members out in the cold. I believe that more all-school functions would be planned if there were more members of the Student Council from the Independent Party.

I do not mean to infer from this article that the members of the Student Council are totally indifferent to the non-Frat members, for they are far from that. But I do believe that a strong Independent Party would motivate better all-school spirit.

GLEE CLUB

by Russ Dugdale

A performance was executed for the Marion White Arts Society as I stated in the last issue of the AMPLIFIER. At this performance there was a question brought up by one of the ladies of the Art Society questioning the veracity of the identification of the new member that was tagged "Charlie Chan" by our director, "China" Smith, alias Potential Smith. (E = R.I.) as any fool can see, and I can see. Anyhow, this old doll said that all during the performance she was trying to figure out my nationality and said she decided I was a Russian when the Club sang the "Volga Boat Song". This is a case of mistaken identity, pure and simple.

A new identity will have to be established for me now because you are not allowed to wear a beard or mustache while taking mine rescue training. Consequently, I was forced to remove the beard (sob-----moan--).

On Wednesday, March 21, 1956, the Club sang for the American Legion. The performance was apparently well received and we hope to be able to have a repeat performance next year. This date was important for still another reason. My wife and I celebrated our sixth anniversary, (six month that is).

We will sing for the hospitals at Galen and Warm Springs on Sunday, March 25, 1956. This should be a gala affair with nurses, nurses, nurses, etc. The entire Club will be treated to a meal in Meaderville after the performance.

Alan McIvor informed me that Darien's mother doesn't understand what the "L.L." stood for in the last issue. I believe it will be sufficient to say that a curvacious beauty that worked at the 45 Club as a shimy shake dancer had the initials "L.L.". If this needs further clarification, the first name was "Lotus."

More remarks in the next issue.

There is some cooperation between wild creatures. The stork and the wolf usually work in the same neighborhood.

College girl, making conversation on her first date: "So your name is Tom. I know that George means 'lover of horses,' and Phillip means 'beloved', but tell me, what does Tom mean?"

"Business, Baby, business."

DRAMA CLUB

The Drama Club of Montana School of Mines will present the three-act comedy *The Silver Whistle*, by Robert McEnroe, Tuesday and Wednesday evenings, March 27 and 28, at 8:00 P.M., in the Library-Museum Building. There is no admission charge.

Included in the cast and the character played by each are Art Morris, Kalispell, Mr. Beebe; Betty Whelan, Butte, Mrs. Hammer; Myrna Vivian, Butte, Miss Hoadley; Glada Ann Nichols, Whitehall, Miss Tripp; Gordon Parker, Union of South Africa, Reverend Watson; Veda Kendall, Butte, Mrs. Sampler, Delmay Hash, Butte, Mrs. Gross; Ben Huber, Butte, Mr. Cherry; Bob Dorman, Bismarck, North Dakota, Oliver Erwenter; George Cloudy, Juneau, Alaska, Emmett; William Lees, British Columbia, the Bishop; Andrew Mular, Butte, Father Shay; John Cashell, Butte, Mr. Beach; Michael Perko, Butte, Mr. Reddy; and Alan Kerr, Great Falls, a policeman.

Lighting is under the direction of Rod Foster, Dillon. Stage managers are William Lees, and Moshe Sheinken, Holan, Israel. Prop managers are Hugo Pulju, Menahga, Minnesota, and Alan Kerr. Mrs. Elny Chance is in charge of make-up.

Lou Boyer of the School's maintenance staff, designed the set. Smiley Secomb painted the scene.

The play is under the direction of Professor William W. Chance of the Department of Humanities and Social Studies.

OVERHEARD AT MINE RESCUE

by R. Westerman

"No, Dugdale! Not the by-pass, the main valve! The MAIN valve! Anybody got any adhesive tape?"

"Gosh darnit, Jeff, you might want to double time, but I sure as heck don't!"

"Awright, McCarthy, don't wise off. I said one sewer pipe, not three."

"If you pick a little pipe, you'll have to do more laps."

"Did the water main break, or did Berthelote push his spit valve?"

"I don't care if that is your air filter! Shave it off!"

"It's a bird! It's a plane! No, it's Garvin!"

"It melts at 94° Centigrade!"

"Since youse guys is a good buncha guys compared to da bunch I had last week, youse can go home early."

ROOM 114

Yes, March 9, 1956, the theme of Room 114 was "Diamonds Are A Girl's Best Friend." The reason? Veda Kendall was proudly, but coyly, displaying that hunk of rock on the third finger of her left hand. (It's commonly known as a diamond). The lucky fellow is Ken Siler, a former student at M.S.M.

It's a beautiful ring and we all want to say, "We always hope you have the luck of the Irish." (She got the ring on St. Paddy's Day).

Well, fellows, how did it seem to see one hundred strange?????girls roaming around the halls of M.S.M.? (Perhaps you'd better not answer that!)

By the way, this article is about the Senior Tea, given by the Coeds for the high school senior girls of Butte and neighboring vicinities. It was quite a success because the senior girls enjoyed themselves, too.

Coed thanks to the student body of M.S.M. for the "Sunday Best" manners and the genteel language put on for the occasion. (Oops, what happened over in one of those labs?)

NOTES FROM THE OFFICE

Welcome to Helen Allen who has joined our staff here at M.S.M. Helen is working in the Central Typing Office, Main Hall.

In the limelight this week we have Miss Erma Button. This cheerful miss is recording clerk in the registrar's office. Erma is our walking information bureau--whenever anyone wants to know anything about students, we just ask Erma. It was a year ago in February that Erma joined the staff at M.S.M., coming here from the Telephone Company. This change has proven very profitable for Erma, for it was here that she met Bobby Loucks. They dated for a few months, then at Christmas, Bob popped the fatal question, and now he's hooked--they're engaged. The wedding date is definite, and Erma's head is buzzing with wedding plans. One thing she is sure of--there are only 285 days left!

STUDENT COUNCIL NEWS

Ed Westerman

STUDENT FEES

	ANNUAL COST			
	Montana Student		Non-Res. Student	
	1955-'56	1956-'57	1955-'56	1956-'57
Registration Fee	\$ 15.00	30.00	15.00	30.00
Incidental Fee	45.00	90.00	45.00	90.00
Student Activity Fee	25.00	25.00	25.00	25.00
Library Fee	5.00	5.00	5.00	5.00
Health Service Fee	7.50	7.50	7.50	7.50
Student Year Book	5.00	5.00	5.00	5.00
General Deposit	10.00	10.00	10.00	10.00
Non-Resident Fee	—	—	75.00	150.00
Totals	\$ 112.50	172.50	187.50	322.50

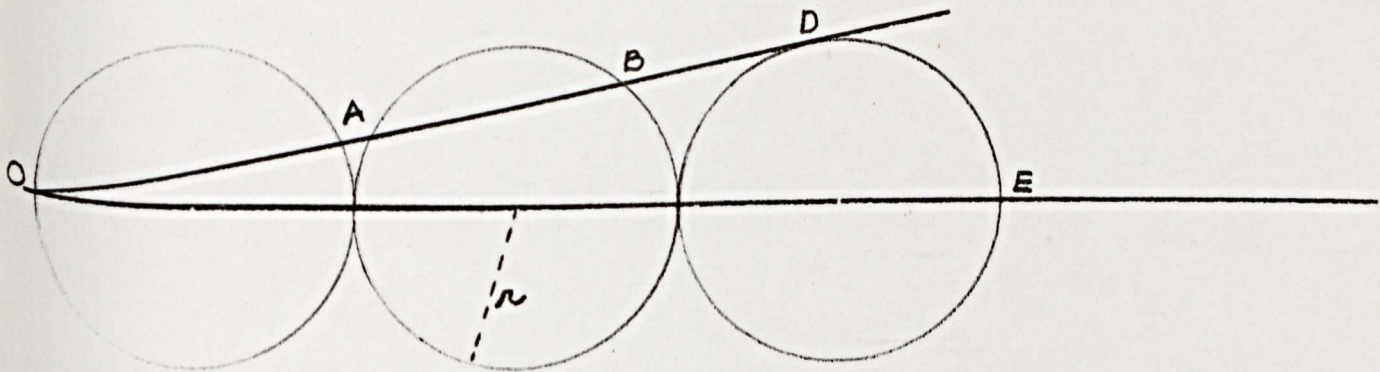
Because of a continual rise in the salary, equipment, and maintenance expenses of Montana's University System, the State Board of Education recently voted to raise some of the fees of students enrolled in the System. The fees for state and non-resident students, before and after the changes, are shown in the table above. The registration fee, incidental fee, and non-resident fee are standard throughout the University System, whereas the other fees are determined by the individual schools comprising the system.

Previous to these changes, the University of Montana was charging lower fees than 49 of the other 51 land grant colleges in the United States and its possessions. Even after this increase, Montana's University is still far from the most expensive. We're not trying to attract students with the least expensive education, but with the highest quality education.

Some students wonder what the "incidental fee" pays for. Instead of charging \$10.00 for a chemistry course, \$5.00 for a physics course, and so forth, the University lumps all of these course charges into one fee, the "incidental" fee. This fee pays for reagents, gas, water, light, and so forth.

CONTEST PROBLEM FOR SOPHMORE STUDENTS ONLY

Nobody answered the last problem. The solution will not be printed; unless, of course, someone submits the correct answer. The two dollars from last issue will be added to this weeks prize so the total this week is four dollars. C'mon you sophs, win it!



Three tangent circles of equal radius r are drawn, all centers being on the line OE . From O , the outer intersection of this axis with the left-hand circle, line OD is drawn tangent to the right-hand circle. What is the length, in terms of r , of AB , the segment of this tangent which forms a chord in the middle circle?

RESEARCH LAB



"— When Mac wakes up, tell him it wasn't an explosion — Smiley's just painting in here —"