1-10-1963

The Amplifier - v.8,(a-5) no. 5

Associated Students of the Montana School of Mines

Follow this and additional works at: http://digitalcommons.mtech.edu/amplifier

Recommended Citation


http://digitalcommons.mtech.edu/amplifier/112

This Book is brought to you for free and open access by the Student Newspapers at Digital Commons @ Montana Tech. It has been accepted for inclusion in Amplifier (1955-1977) by an authorized administrator of Digital Commons @ Montana Tech. For more information, please contact sjuskiewicz@mtech.edu.
Late News

On Friday, January 11, the International Club will hold another open meeting. The subject of this meeting will be British Guiana and the speaker will be Michael Benn of that country.

Donald J. McMillan '61 has been selected to attend the Anaconda Aluminum Plant as an intern at Columbia Falls, Montana. Don received his bachelor's degree in Metallurgy.

Our congratulations go to Joe Cady on his winning the 1963 Tempest.


Senior Trip?

The annual debate or discussion concerning the possibilities of a senior trip is underway. Should we go? Where should we go? How long should we take? What are the expenses and so forth? It appears rather definite that some trip will travel this spring.

The Petroleum and Geology seniors plan to travel to Denver and Great Falls. During their stay, they intend to tour some of the areas and observe some of the operations and procedures mentioned, and maintenance. These increases for all units of the University are uniformly based and are in

EXAMINATION SCHEDULE

First Semester 1962-1963

First Semester 1962-1963

Friday, January 25, 1963

9:00 to 11:50

1:15 to 4:05

Saturday, January 26, 1963

HIS 101-Albertson Eng. 104
HIS 102-Hariday Eng. 104
HIS 101-Chance Met. 115
Chem. 201-McLeod Met. 216
Phys. 301-Nile Pet. 10
Mech. 311-Stout Eng. 101
Geol. 405-McBride Eng. 115

Saturday, January 26, 1963

HIS 201-Laity Eng. 104
Math. 606-Staff Main 103
Chem. 401–East Main 200
Math. 707-McMullen Main 200
Chem. 201–East Main 214
Math. 707-McMullen Main 200
Chem. 401-East Main 214
Math. 606-Staff Main 103

Monday, January 27, 1963

Math. 007–Staff Eng. 104
Math. 101–Staff Eng. 104
Phys. 201–Staff Eng. 104
Chem. 331–Stout Eng. 216
Phys. 201–Staff Eng. 104
Chem. 331–Stout Eng. 216
Math. 101–Staff Main 200
Chem. 401–East Main 214

Tuesday, January 28, 1963

Chem. 101–McLeod Main 216
Chem. 201–East Main 200
Math. 201–Staff Main 200
Math. 301–Staff Main 103

College Enrollment Reached 412

In 1962 the college enrolled over 400 students. When final figures were reported to the executive secretary of the university system at the close of registration on October 5, the first semester became numerically the largest in the college's history. More than sixty girls were registered in the college's physics offerings. The addition of so many young women has added a noticeable effect about the campus.

The Electrified M

On Wednesday, May 1 Governor Tim Babcock threw the switch that gave Butte a lighted M. The project which had been undertaken with the cooperation of the alumni, students and faculty created a beautiful sight for the entire community.

The M which measures 90 feet by 90 feet was built in 1910 atop Big Butte. The placing of retaining walls and reshaping of the letter gave it the rigidity needed for the installation of wiring.

The change in the color of the background from various holidays and seasons has made our M the pride of Butte. Red, white and blue will light the Fourth of July and red and green bulbs adorn

Charles Olson Wins Election

On Thursday, December 13, an election was held to select a new Delegate-at-Large for the Student Council. Three candidates indicated their willingness to run; they were Wayne Lenton, Charles Olson, and Frank Tempest.

The final tabulation showed that Olson had a majority of the votes, with 104, that Lenton was second with 67 votes, and that Tempest was third with 32 votes. A total of 203 votes was cast, or approximately one-half the student body.

Almost ready to throw the switch.
OUR ATHLETES
All persons connected with Montana School of Mines are proud, and we are proud for a just reason. Two of our more able football players have been honored by the National Association of Intercollegiate Athletics with honorable mentions regarding their Agate Football Team. We are further elated by the fact that no other athlete or school in the Montana Collegiate Conference has been so honored.

Charles "Fuzzy" Olson and George Sever are the two that, by dint of their football prowess, brought glory to MSM. This nationwide recognition proves to us, beyond the shadow of a doubt, that people who participate in sports for the love of the game are among the best of athletes. It is a notable fact that our players at MSM play ball for no more remuneration than the possibility of being adored with a figurative olive wreath. We feel that this fact may be one of the reasons that our players were selected over others in our conference.

Contrary to some people's beliefs we are certain that this is one of the highest honors that could be accorded to these players and to our school. We hope that in the future, the continuation of our present sports policy will bring many more such honors to our campus.

PARTICIPATION
An election was held recently on the Montana School of Mines campus and people were completely apathetic over it. The candidates hardly went to the trouble to make themselves or their platforms known. Only one went to the trouble of putting up posters identifying himself, but his appearance, for he made no attempt to have his identification placed on campus. This candidate, did, however, list his platform and qualifications, which was an exemplary act. The last candidate made no attempt whatsoever at campaigning. The election became a popular contest. However, the electorate is to share its milch of the unknowns in the new rock (hidden) to the Montana School of Mines.

During past years Mrs. Nile worked in various libraries back East and was a computer to the Mathematics and Physics Department at Princeton University. This is her nineteenth year of service at the Montana School of Mines.

The book store entails a lot of work. One of a few of the jobs that have to be done: ordering books and supplies and counting and selling them, Mrs. Nile also runs a verifax copying machine, binds reports and laminates things in plastic. Mrs. Nile, an avid photographer, spends a great deal of time in her hobby, photographing anything that catches her eye. In addition, she occasionally takes photographs on campus. In addition to photography, Mrs. Nile finds time for her hobbies, skiing and mountain climbing.

CAMPUS ORGANIZATIONS
SIGMA RHO FRATERNITY
In 1894, at the Michigan School of Mines, the Alpha chapter of Sigma Rho was established for the purpose of aiding and bringing the members more closely together, and helping each other in every way possible to pass their college days. The fraternity was established for undergraduates in the mineral industries and was named Sigma Rho.

In 1927 a chapter of Sigma Rho was established at Montana School of Mines and has been an active chapter of the Phi chapter of Sigma Rho Fraternity since 1927. In addition to the Sigma Rho chapter is the Fraternity House, which was purchased in the spring of 1962.

In Recognition

MSM TO HAVE FREEDOM SHRINE
Montana School of Mines will soon have a Freedom Shrine. Twenty-eight historic documents symbolizing freedom in the United States. This collection, called the Freedom Shrine, can be seen in both the Copper Lounge and the Copper Club.

After five years of indecision as to where this display would be located, it was finally agreed by the Student Council and the Board of Control of the student union building to display it in the study room of the Copper Lounge. Early in January the book display will be held with the National Exchange Club which provided the Shrine. The students have not yet been notified of the completion.

A list of the documents in the collection follows:

- Declaration of Independence
- Bill of Rights, "Rough Draft" Declaration, Franklin's Epitaph for this party were made by Joseph Story.
- Declaration, Franklin's Epitaph for this party were made by Joseph Story.
- Bill of Rights, "Rough Draft" Declaration, Franklin's Epitaph for this party were made by Joseph Story.
- Bill of Rights, "Rough Draft" Declaration, Franklin's Epitaph for this party were made by Joseph Story.
- Bill of Rights, "Rough Draft" Declaration, Franklin's Epitaph for this party were made by Joseph Story.

WOMEN'S NEWS
BY CAROL GRIFFITHS
Christmas Tree Party Held
A Christmas tree party was held by the Associated Women Students on the evening of December 15 in the Copper Lounge. All co-eds and their dates and the Sigma Rho fraternity members were invited. Soft drinks, punch and various desserts were served. Peggy Davis acted as chairman of this activity.

CO-ED CHRISTMAS TEA
The A.W.S. of Montana School of Mines held a tea in the Co-Ed dormitory on Christmas Eve. Salads, tea and cookies were served. All girls attending exchanged gifts. Among the treasures received were one live gold fish and one live turtle. Ask Kim Chambers and Barbara Rauch about this. Mrs. Louise McBride, advisor to women students, will also present. All arrangements for this party were made by Beverly Phillips.

The Sugar Plum Fantasy
Despite the unfavorable comment of many members, the feature chosen for the selection of a theme for our dance this year is "The Sugar Plum Fairy." The selection was made after much discussion, and it is quite sure to be a success. The Sugar Plum is certainly true spirit of Christmas. Those of you girls interested in dancing dusted to the music provided by the Black Knights of Butte.

Mrs. Koch Offers Open House
Mrs. K. G. Koch invited all the co-eds at Montana School of Mines to her open house, in her home on Friday, December 21. It was her home. This was her way to extend holiday greetings to the women students on campus. All the girls would like to express their appreciation to Mrs. Koch for her graciousness and hospitality.

Young Speaks in Utah
Mr. Francis M. Young, Montana School of Mines Department of Mechanics and Electricity, presented his paper "The Secondary Breaking Effect of High-Frequency Electric Energy Applied to Rock Fragments," at a December 15 meeting of the Utah Section of AIME.

The meeting, at which Mr. Young spoke, was held in Salt Lake City, Utah. He described the work conducted under a research grant to Montana School of Mines by the Anaconda Company, which was held in the Newhouse Hotel, Salt Lake City, Utah. He described the work conducted under a research grant to Montana School of Mines by the Anaconda Company, which was held in the Newhouse Hotel, Salt Lake City, Utah. He described the work conducted under a research grant to Montana School of Mines by the Anaconda Company, which was held in the Newhouse Hotel, Salt Lake City, Utah.

AMPLIFIER STAFF

EDITORIAL STAFF

Make-Up Editor--Lorrie Sapirstein
Feature Editor--Brenda Brophy
Sports Editor--William Tidd
Assistant Sports Editor--Carol Griffiths, Doreen Sheskey
Women's News Editor--Brenda Brophy

BUSINESS STAFF

Business Ad Solicitors--Patricia Baum, Beverly Phillips

George Steele

Subscription Rate $1.50 per year

Published bi-monthly during the academic year by the students of Montana School of Mines. Entered as Second Class matter on January 21, 1929, at the Post Office at Butte, Montana, under the Act of March 3, 1879, as amended.
Club News
Sigma Rho Fraternity
Sigma Rho Fraternity members have been participating in the practice of inviting several friends for Sunday dinner. On December 16, we were pleased to have Marvin Sene, Regent of Theta Pi; Frank Arne, Paul Komarz, and Kent Taylor for dinner. For future Sundays the fraternity plans to be at the homes of clubs and organizations, students, and faculty members.

The weekend before Christmas vacation we made a major addition to the beautiful furnishings of the house. Using Dave Rovig's brick, and help from the building crew, a new active member of the fraternity, Denny Smith, moved in an upright piano. Earlier in the week the fraternity voted to purchase the instrument. The piano, formerly a player type, is in good condition, and it reduces the bareness of the large living room.

Glee Club
The officers are Don Brunk, President; Janice Roberts, Vice-President, and Sharon Breon; Secretary-Treasurer. Club officers are Aretha Harris, Sid Engleking, Sam Higginbottom, and Bill Cougill recently forwarded the names of the officers for the coming semester. The present glee club is planning some programs following the holidays.

Chess Club
The Chess Club, held its first meeting on Monday, December 8. Officers are Bob Norton, President; and Carol Anne Steven, Secretary. These upcoming officers are the students of Professor Adam J. Smith. This chess tournament is being planned following the semester examinations.

International Club
On January 11-12 the Third Annual Montana Model United Nations will be held at Rocky Mountain College, Billings. Ornie Smith, Dean of Men's of Mines delegation, which will include Massour Awan and Don Muska. The MNSM delegation will represent the Philippines.

Theta Tau Initiates
 theta Tau Initiates Theta Tau is the fourth fraternity on the campus. It was the scene of the initiation of three new active members on the eve of the Christmas holiday. They are John Cusenar, Metallurgy, Ken Hendrickson, Mining and Bill Watkins, Petroleum Engineering. Following the ceremony, the new members were entertained to dinner and an impromptu limbo performed at one of Butte's popular night spots.

Scholarship

Although the cost of an engi-

neer's education at the Montana
School of Mines is low, many students with high ability need assistance in the form of a schol-

arship or loan.

Advanced scholarships are awarded to undergraduates in attend-
ance at the Montana School Building for this school year. As student manager, he is responsible for the school's financial aid fund and is usually on hand if the organizations sponsoring the events need additional help. Managing the game room and occasionally "setting down on Dave's duties," often he is called upon to assist with general maintenance work. The fact that the home in which the SUB offers him is very near to school is an added advan-
tage of the post.

Dave was recently honored by being elected a member of "Who's Who," Despite the long hours devoted to his work, he has maintained a 9.0 grade average and is the recipient of the American Oil Company Scholarship and Fulbright Scholarship of $600.

Another person in the SUB is Dave's wife, the former Agnes Howe of Butte. She was graduated from Elmhurst College and after graduation plans to work in British Colum-

nia.

The first seven presidents of the African Republic of Liberia were all born in the U.S.A.

The Student's Best Friend
THE
Miner's National Bank
Special Student Checking Account

Alumni Group Is Formed
At an initial gathering of Mines graduates in Billings, Mon-
tana, plans were formulated to organize an alumni group in the Billings area. The main purpose of such an organization will be to promote the Mines of Mines and particularly the Petroleum Engineering Department.

Bill Pickard '62 who has been instrumental in organizing the alumni in the area reports that the following graduates attended the initial gathering: Dick Sigauw '71, Howard E. Lowe & Assn; Gus Coolidge '69, Hum-
ble; Doug Wadhams '66, Humble; Joe Rato '69, McAlester Fuel; Art Taip '65, Humble; Dick Englebrecht '59, Pan American; Jack Nordquist '45, Consultant; R. C. Rockwell '49, Mod Control Labs Inc.; Arden Blair '48, Con-
sultant; R. G. Monk '50, Shell; and Gary Riley '50, Schlumberger.

The organization meeting will be held in the Petroleum Club in Billings on the second Tuesday of January. Once organized, the meetings will follow a regular monthly schedule.

Additional graduates in the Billings area who have expressed interest in joining the alumni club but were unable to attend the initial meeting are John Leidholdt, Sigma Rho Fraternity; Paul Komarek, Theta Tau Fraternity, Mike Arne, Sigma Rho Fraternity members and Bill Coughlan recently rejoined the campus from the mining district.

This year the Mines of Mines has had a painting by the late famous Charles Russell. The value of this nameless painting has been estimated at approximately $3,000. The painting was finished in 1902 and is a water color original. It hangs in the main lounge of the Resi-

dence Hall.

It was given to the college in memory of the late John Gillie, 1858-1941, one of the founders of the school and a distinguished Mining Engineer who devoted his life to the development of the mines in Butte. It was presented by his wife and daughters.

They say Venice will be covered by water in a century.

This Advertisement Worth $1
Fuller Brush Man
CLARENCE A. BOAM
Phone 723-3866

BILL'S MEN SHOP
29 WEST PARK
For the latest in Men's Apparel

KOPR
The Varied Sound of Music in
Southwestern Montana

Compliments of
THE FABRIC SHOP
EVERYTHING FOR THE WOMAN WHO SEWS
Phone 792-7800—77 West Park St.
Butte, Montana

THE MONTANA SCHOOL OF MINES AMPLIFIER
Thursday, January 10, 1963
Page Three

KOPR

CHILDREN'S SHOE SPECIALS

The first seven presidents of the African Republic of Liberia were all born in the U.S.A.

The Student's Best Friend
THE
Miner's National Bank
Special Student Checking Account

Alumni Group Is Formed
At an initial gathering of Mines graduates in Billings, Mon-
tana, plans were formulated to organize an alumni group in the Billings area. The main purpose of such an organization will be to promote the Mines of Mines and particularly the Petroleum Engineering Department.

Bill Pickard '62 who has been instrumental in organizing the alumni in the area reports that the following graduates attended the initial gathering: Dick Sigauw '71, Howard E. Lowe & Assn; Gus Coolidge '69, Hum-
ble; Doug Wadhams '66, Humble; Joe Rato '69, McAlester Fuel; Art Taip '65, Humble; Dick Englebrecht '59, Pan American; Jack Nordquist '45, Consultant; R. C. Rockwell '49, Mod Control Labs Inc.; Arden Blair '48, Con-
sultant; R. G. Monk '50, Shell; and Gary Riley '50, Schlumberger.

The organization meeting will be held in the Petroleum Club in Billings on the second Tuesday of January. Once organized, the meetings will follow a regular monthly schedule.

Additional graduates in the Billings area who have expressed interest in joining the alumni club but were unable to attend the initial meeting are John Leidholdt, Sigma Rho Fraternity; Paul Komarek, Theta Tau Fraternity, Mike Arne, Sigma Rho Fraternity members and Bill Coughlan recently rejoined the campus from the mining district.

This year the Mines of Mines has had a painting by the late famous Charles Russell. The value of this nameless painting has been estimated at approximately $3,000. The painting was finished in 1902 and is a water color original. It hangs in the main lounge of the Resi-

dence Hall.

It was given to the college in memory of the late John Gillie, 1858-1941, one of the founders of the school and a distinguished Mining Engineer who devoted his life to the development of the mines in Butte. It was presented by his wife and daughters.

They say Venice will be covered by water in a century.

This Advertisement Worth $1
Fuller Brush Man
CLARENCE A. BOAM
Phone 723-3866

BILL'S MEN SHOP
29 WEST PARK
For the latest in Men's Apparel

New copper and zinc ore concentrators . . . deep level mining program . . . new pumping and exhaust ventilation systems.

The New Year finds The Anaconda Company going ahead with all of these projects. Their success will be measured in jobs, taxes and the other items which add up to economic growth for our state.

These new ventures, requiring large investments, are proof of our faith that the Montana minerals industry can be placed on a solid, competitive basis. They also express confidence that Butte, even after 100 years, is still young as a mining district.

THE ANACONDA COMPANY
A PARTNER IN MONTANA'S PROGRESS
TOP STORIES (Continued from page 1) announced the Christmas season. The M became a V for victory with the success of the football team.

The Football Victory

The victory which the Mines team achieved over Northern has been one of the most publicized football successes in the United States. November 3 will long be remembered in athletic circles in Montana.

After 44 losses, the Mines football team ended a streak that had plagued it for almost a decade. Credit for the achievement goes to Coach Simich and his assistants and the players of a team which plays ball for the love and interest in a competitive sport.

For the Love of a Bed

Be it known that during the first semester of some sixty students who demonstrated on the evening of March 13, Sigma and a bonfire were further evidence of unhappiness over the condition of the sleeping facilities in the Residence Hall.

Interestingly enough the demonstration had proceeded without knowledge that on that very afternoon a contract had been signed with the Montana Mattress Company by the Hall with some 70 brand new mattresses and beds. Dr. Koch indicated that he had previously informed one of the Hall leaders that beds would be ordered. Walter M. Brown, business manager of the college, had stated that a requisition for the purchase of the new beds had gone to the state purchasing department as early as January 19, almost two months before the demonstration.

All students now living in the Residence Hall have new beds.

Grants totaling almost $130,000 had been granted during 1962 for research to be undertaken by the Metallurgy Department and the Mineral Dressing Department.

The Metallurgy Department received a grant of $44,500 from the National Science Foundation for a three-year study entitled, "Non-ferrous Smelting and Refining Formations." A two-year grant for $44,212 was given by the Office of Naval Research to investigate the thermodynamic properties of oxides. The grant was received in honor of Professor Harnish was the grant recipient.

The National Research Foundation Study of the Northwest Department of Mineral Dressing for work in "asphalt-aggregate reactions," was approved with a grant of $41,000. Professor Donald W. Mc-

Glashan is conducting the research for this two-year study. The Ailsa-Chalmers Company, Milwaukee notified the department of its selection for a grant of about $9,500 for work on "The Flotation of Brittle Materials."

West Virginia celebrates its Centennial next year. Both Robert Winfield and Thomas Jefferson died on July 4, 1826.

A new carriageless electric trolley car can nap out 186 words per minute.

THE MONTANA SCHOOL OF MINES AMPLIFIER

Thursday, January 10, 1963

LITTLE MAN ON CAMPUS

RAYMOND’S

The Toggery

NORTH MAIN PHONE

BUTTE, MONTANA

RAIF ZACCA

December 10

Tau I defeated Rho III 28-16. Gott was high-point man of the game with 7 for Rho. Maynard’s Mob outlasted Tau I 41-38, in a close hard-fought game. Madision and Strobel scored scoring honors with 10 and each Koper dropped in 12 for the losers.

December 12


Rip’s Five outplayed Tau IV, and came out on the long end of a 56-28 ball game. Trengrove and Johnson, the foursome two, paced the winners with 14 apiece, while Nellis and Lindstrom added 10 for Tau IV.

December 13

In a hotly contested game the Chippa Choppers knocked out with a 29-28 victory over Rho II. Finley and Money paced the winners with 8 apiece. Kehoe failed to aid the Chippa Choppers for the 3rd straight game. Beattie netted 12 for the Rho team.

Rho I trounced Rho III 72-37. Shogren scored 22 big points for the winners while Jenks netted 18 for Rho III.

January Interview

Dr. E. H. Harnish descended upon the well-organized classroom of Dr. K. C. R. Harshman, dean of the College of Mines, for his interview.

January 16

The U. S. Atomic Energy Commission, Idaho Falls division will interview all interested senior and graduate students on January 10, 1963.

For Quality Appliances See GEO. STEELE CO.

• Maytag
• Admiral TV. Radios. Refrigerators
• 42 West Broadway

BUTTEY'S

FASHION CENTER

119 North Main St. Ph. 7344

TAYLOR'S

39 West Park Street

Roblee Shoes for Men

P.O. News Stand

43 West Park

9:00 A.M. to 9:00 P.M.

SUNDAYS