Our Presidents Speak

DAVID ROVIG
President of Associated Students School of Mines

Open Letter

Dear Mr. Beam:

In the January 6, 1963 Billings Gazette, which states that the Montana School of Mines should be converted to a trade school. You were absolute in your valid reasons for your wishing to study elsewhere, lead me to be glad that you possess adequate knowledge of the School of Mines.

Since I am a mining engineering student, I appreciate your effort to help me continue my studies. Here is WHERE! No other school of mines in the country has the advantage of being located in one of the great mining camps of the world. One other question I would like to ask. What do you propose to do about my friends enrolled in Petroleum Engineering, Geological Engineering, Metallurgical Engineering, and other programs? I judge from your statement that either you are not interested in them or that you do not even know they exist.

Again I advance any more comments regarding the abandonment of one of the world's best known and well-known (talk to a few people in the mining industries) programs. I believe this to be the oil industry's command due to the situation at the Montana School of Mines that you try to inform yourself more fully. Moreover, since Montana's economy depends greatly on its mineral resources (coal, oil, phosphate, copper, zinc, etc.), I think you owe it to the state which you help govern to investigate more fully before you call off one of its lifelines—the men in the minerals industry.

In order to help you realize that we should encourage as many students as possible to become mining engineers, I wrote an informal "Engineering Days", which are beginning, and "Engineering Days" is a two-day, open house sponsored by the school. Displays and exhibits which I have observed will you find very interesting, and informative. I feel that you owe it to the state to explain to the students of Mines to visit our campus on "Engineering Days". I believe that "Engineering Days" was March 16 and 17, 1963. We shall use every means to provide you, as well as all other students, with some of the many aspects of the engineering and general training available at the Montana School of Mines. I am very much looking forward to seeing you in March.

Name changes for various units of our University System currently are very much in the news. Legislation has been introduced to the 1963 Sessions. Legislation and forthcoming. HB 37 proposes that the name of Montana State University be changed to University of Montana, that the name of Montana State College be changed to Montana State University, and that the University of Mines become Montana State University, and that the University System of Higher Education. The new name (system) is to be changed to University System of Higher Education. The name change is the new name for the State College reproduces exactly the present name of Montana State University. Another possible objection is that the new name proposed for the State College indicates an expansion beyond the common concept that we teach mining. It would create greater duplication of offerings between these two units than now exists. Although not an objection, either 

Rand Professor Gives Lectures

A series of lectures was given at the Montana School of Mines January 7 and 8 by Professor R. A. L. Black, head of the Mining Engineering Department at the University of the Witwatersrand, Johannesburg, South Africa. In all, these lectures were given in the問題 of mining in the Witwatersrand to 1963. The class will meet from 7:00 to 9:00 p.m. in room 300, Main Hall, on Tuesday, February 19, and continue for 16 weeks.

Dr. John Guilbert, research geologist, will be the guest lecturer presenting this course. Dr. Guilbert's lectures will cover much of the basic information common to beginning courses in geology, but will place emphasis on the rocks and geologic features to be found in and around Butte.

In traductionary Geology will carry 2 semester hours of extension, working for a total of $2.00 per student. A minimum enrollment of 15 students will be required. This course will not carry credit toward the Montana School of Mines curriculum.

Registration Day, Second Semester

February 4, 1963, is registration day for the second semester of 1962-63. Mr. Brown announced that registration will be from 8:00 a.m. to 5:00 p.m. on Tuesday, February 19, and Wednesday, February 20.

Since at M.S.M there are two divisions for registration. The upper division includes juniors, seniors, and graduate engineering students. The lower division takes in freshmen and sophomore engineering and general students.

Amplifier Staff

Students interested in Journalism are encouraged to enroll in HSS 112. Journalism is a 2 credit course with flexible hours, and the students enrolled in it help to put out the Amplifier. Accordingly, the continued success of the newspaper depends upon the enrollment of interested students in HSS 112.
PLAYTHING? Accompanying the opening of the new legislative session in Montana was a small political furor over the status of Montana School of Mines. We are of the opinion that this situation was politically motivated with no apparent intent of educational betterment. It is a shame that the talents and reputations of fine educational institutions must be dragged through mud in order to boost political ambitions.

Along with Mr. Wayrynen, House Minority Leader, we feel that the basic worth of Montana School of Mines stands evident over any disparaging remarks that might be thrown at it. Anyone who has any exact knowledge of what is offered at the School of Mines, both to engineering and arts students, will realize that our school is irreplaceable.

SCHEDULES

It has come to our attention that certain elective courses offered at Montana School of Mines have been scheduled to exclude completely all engineering students from enrolling in them. One course, in particular, HSS 334—Shakespeare, is being offered to 215 in the afternoon in direct conflict with all laboratory courses. Inasmuch as every engineering and many general students have at least one laboratory Source, this scheduling limits the student who desires to enlarge his horizons.

We realize that with the number of instructors and classroom facilities, it becomes difficult to program courses offered at Montana School of Mines so as to satisfy all. However, we feel that the students in the degree-granting departments should not be neglected.

THANK YOU

Recognition of those who work on a school's publication is often limited, delayed, or ignored. There is interest in the end product but frequently not in those who make that product a reality. Both the Amplifier and the Magma would be impossible undertakings were there lacking the solid and substantial student help that has been evidenced so frequently this year.

Sincerely do I say thank you to those who without fanfare and notoriety have accomplished a basic and vital job in making us all aware of news about each other.

Included in this expression are Ray Blewett, Patricia Boam, Bryan Boyle, Sharon Brenn, F. Mada Brophy, Ed Davis, Carol Dunstan, Conrad Engelhardt, Lynn Estey, Ellis Greiner, Carol Griffith, Ric Garcia, Bob Good, Harder, James Holling, James Jenkins, Douglas Johnson, Frank H. Kelly, Jerry Leveyre, Ray Markwald, Clifton McLaughlin, Katherine O’Connell, Frank Panisko, Bee Phillips, Doris Bollingen, Frank Schichman, Mary Seno, George Sever, Doreen Sheen, John Sheen, Manley Stallings, George Steele, Bill Tiddy, Mary Pat Tiddy and June Webing.

The same expression must include a mention of those members of the faculty—Willard Cox, Gus Stolz, Frank Young—who have undertaken additional responsibilities in the interests of the students at Montana School of Mines and who have assisted immeasurably in making these publications active, pertinent and worthwhile.

Thanks to you all.

—Frank H. Kelly

COMING EVENTS

(SUBJECT TO CHANGE)

FEBRUARY

1. Mines vs. Eastern (here)
2. End of first semester
4. Faculty Women’s Club
5. Registration Day
7. Young Women’s Bridge Club, Copper Lounge—7:30 p.m.
8. Mines vs. Eastern (there)
9. Mines vs. Rocky (there)
13. Student Wives Meeting, Copper Lounge—7:30 p.m., room 207
14. Valentine’s Day Dance
15. Mines vs. Rocky (here)

Professor Donald W. McGlashan recently underwent surgery. We wish him well in his recovery.

In Recognition...

by BRENDA BROPHY

FRANK LAVELLE

There are many hard working but unwarranted staff members.

Frank Lavelle, campus foreman, is a native of Butte. He attended the Immaculate Conception grade school and Butte High School. Frank is married and is the father of six children.

In January 8th Frank celebrated his seventh year of working on the Montana School of Mines. Before working here, Frank was employed by the Anaconda Company. In past years he has worked as an employee and the maintenance staff and now he is campus foreman in charge of thirteen men. Frank is responsible for maintenance of the buildings and campus and has the power to hire and fire as he pleases. Frank enjoys hunting and fishing and is also an ardent sports fan. He is a member of the Knights of Columbus Round Table. The men working in the carpenter shop say that, “Frank has never worked with a better bunch of people.”

"36" License Registration

All new car licenses are to be registered in the Dean’s office. They must be submitted to the Dean or the maintenance section while the car is still on the road. A one-hour appointment must be made in advance.

Interviews Scheduled For February

Shell Oil Company will interview seniors and graduate students in geology, metallurgy, mining, and petroleum engineering as of February 12, 1963.

On February 15, Geophysical Services will interview seniors and graduate students in geology. Mr. Marvin Waggoner will present Geophysical Services.

Continental Oil Company will interview juniors, seniors and graduate students in petroleum engineering on February 26.

Magma

Mr. Young, faculty advisor, has announced that all students wishing to have their pictures taken in the yearbook should either give a past photograph of themselves or have the student photographer take a picture immediately.

Ed Shumaker also said that receipt of pictures relating to school activities will also be appreciated by the Magma staff.

Book Project

The International Club will sponsor a book project for the books for Asian Students project beginning January 25, it was announced by Jerry Grau, president. This project is to supply Asian students with much needed textbooks. When students are ready to dispose of textbooks, boxes will be placed at strategic points on campus. Books must be in good condition and published after 1945. Standard, academic, basic works in older editions are acceptable. Quality payments may also be obtained or donated from bookstores overstocks, library duplicates of textbooks, and used and under reading, personal libraries of faculty and students, lost and found departments and by public appeal. Most urgently needed are books pertaining to anthropology, art, crafts, English Literature, American, music, classics, economics, business, education, English grammar and expression, geography, government, law, social welfare, journalism, philosophy, psychology, political science, sociology, statistics, (including mathematical and nursing) and technology.

The Montana School of Mines and Geology was established in 1884 as an official state agency. Although the Bureau of Mines is a department of the Montana School of Mines, its primary goal is set by the Bureau of Mines to disseminate knowledge of education of people within the mineral industries. A program of research by the Bureau will increase the recognition of this cooperation and the efficiency of the management of the mineral industries.

The Bureau’s main purpose is to assist in the development of the metal industries and to increase the safety and efficiency of mining operations.

The programs carried out by the Bureau include conductor and depressor mineral deposits, and ground water behavior. The Bureau also conducts research in mineral beneficiation, extractive metallurgy, and economic geology, and is responsible for the mineral industry in the Montana. The results of these studies are published for general distribution to the public.

As a public service agency, the Bureau considers itself to be the voice of the Bureau to serve Montana.

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The Amplifier Staff wishes to express its sorrow to Al Rahil on the death of his father on January 5 in Terry.
Theta Tau Fraternity

"Whatsoever thy hand findeth to do, do it with thy might." This quotation, from Ecclesiastes 9:10, has been adopted as the motto of Theta Tau fraternity.

Theta Tau is a national professional engineering fraternity of college students. It was founded at the University of Minnesota on October 15, 1904. Since that time, the Fraternity has published twenty-five active chapters.

The Theta Tau fraternity, which unites its members in a strong bond of brotherhood and the common bond of professional interest, has been a source of representative interest. These chapters are kept in touch with each other by frequent contact with each other by means of their publications, the Student and the Pathfinder. Theta Tau has rigidly adhered to the principles set down by its Founding Conventions and Regional Conferences of the Professional Interfraternity Conference, which today, in 1963, is a national organization. Theta Tau is not large in comparison to the largest (as well as the oldest) national professional fraternity in the general-engineering field, but it has initiated over 17,000 members since the time of its inception.

Theta Tau believes that quality, not quantity, is the hallmark of Theta Tau. This is expressed in the memories of thousands of men who have been encountered at' depths up to 11,500 feet in the Rand. Rock support for the prevention of rock failure is a major problem, but the limiting factor for the depth of the problem is the cost of ventilating such a deep structure.

LATE NEWS

(Continued from page 1)

A School of Mines alumna, Du- Reinhardt Schuhmann, Jr., was among the ten eminent metallurgical scientists elected to the newly established grade of Fellows of the American Institute of Mining, Metallurgical, and Petroleum Engineers. Dr. Schuhmann, who received his B.S. degree from Montana State University and his M.S. in the spring semester of 1947 by instructing a course in Spanish, at the present time he teaches two English classes and also an elementary Spanish and German class. For five years, Mrs. McBride devoted a great amount of time and talent to the publication of the Amplifier and Magma. She is also the advisor of the Associated Women Students of Montana School of Mines, and has given much of her energy to the operation of this organization and to the formation of a constitution for the club. Each and everyone of the co-ed think of her as a symbol of sincerity and devotion to one's job and we all wish to express our gratitude and thanks for a job extremely well done.
Conference Chatter
By BILL TIDDY
Professional or amateur? Where is the line drawn to distinguish between the two?
Over the Christmas holidays, the TV was full of pro football and basketball games and also pro basketball games. Except for a difference in size, it was hard to believe that the college amateur games were played by students, while the pro games were played by professional athletes. The games are usually seen only in a pro game.

The men playing on these student teams were all on full-ride scholarships. These same men have some of the nicest clothes and cars on campus, and never seem short of spending money. I am not saying that these men are given cash to pay as the pro's are, but aren't some of these jobs hard to hold for their money of a million dollars? These so-called jobs could be held down by any eighth-grade student.

The recruiting for teams as a big business as obtaining pro players. Colleges go all over the country trying to cut big one after another for a top player. In some cases, the prospective amateur is offered everything except the keys to the school.

In my opinion, many of the top colleges (sports-wise, not grade-wise) have some of the most sincere attempts at intercollegiate competition. These schools no longer play sports just for sport. Colleges enter these competitions for big business.

While on this subject, I would like to mention a somewhat related fact in our M.C.C.-conference. State University was also on a full-ride scholarship basis. We were one of the first to realize the importance of such a system in Montana. We have a good team and are competing well.

Miners Lose
The inexperienced, newly Mines squad opened their Montana Colleage Conference season against the a c a r e, well-conditioned Western Montana Bulldogs. The Monday night game of January 8, was played in Dillon. The Mines, who had just resumed practice after a vacation, were unable to compete with the Bulldogs, who had just participated in tour Hey during the vacation. Frank Sopko was high scorer for the Bulldogs and had 15 points. High man for Western was Larry Schmaus with 21 points, eight of which gave Dillin an 8-2 lead in the opening minutes of play. halftime was 55-20. The Mines were able to his only 27 per cent of their field attempts, hitting on 44 per cent of their charity tosses. Other Mines beside Sopko who saw action were Watson, Bieg, Paul, Bayliff, Gutfeld and Sullivan. The Mines lack of height, practice and experience was evident by the 105-45 score. The Bulldogs hit 59 per cent from the field and 68 per cent on free-throws.

A Miner left Eastern and returned to Montana. He was an intramural team from Western and one from the Mines. The Mines ended in defeat of the Miners.

Club News International Club
The Montana Institute of Art in cooperation with the Monta
gaic department and the Interna
tional Club, will sponsor today (Saturday) Day celebration readings to be held in the Library-Museum building.

The Montan Security Council was postponed because of bad weather and will be held Febru
ary 9-9 at Rocky Mountain College.

Delegates Gutfeld, Trukana and Awan did not mind spending $45 in a span of twelve hours going to Billings, meeting all the clubs. In Eastern. They went to thank Doreen Shon for practically saving their lives when they froze their respective noses one infu
mous Friday.

About 25 persons brave the 30 below weather and were treated to an informative entertaining speech by Michael Brown on British Guiana. Refreshments were served by Janice Roberts and Brenda Brophy.

Sigma Rho News
Werner Raab, the house man
ager, reported the following for the Sigma Rho House during the vacation. The remaining meet
ning play during the vacation. The remaining member
in.

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9:00 A.M. to 6:00 P.M.
SUNDAYS

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The Varied Sound of Music in Southwestern Montana

Singles Handball Tournament '63
McCarthy vs. J. Badovinac
E. Panisko vs. J. Moosey
J. Cerean vs. M. Dykman
Siver and O'Brien drew byes
E. Panisko vs. M. Mattix
B. Tiddy vs. N. LaHood
P. Perry vs. J. Mulcahy
J. Moosey defeated E. Panisko 21-16, 21-18
P. Perry defeated J. Mulcahy 21-10, 21-22

Support Your Advertisers

Whites Attend Olympic Trials
Two former School of Mines students, Sylvia and Martin White are presently representing the United States to be held on February 1, 2, and 3. Sylvia and Martin, along with Judy Morstein, another Butte girl, left for Minneapolis, January 10, on a skating trip which would end with the Olympic trials. On January 12 and 13, they competed in the Great Lakes Championships on January 19 and 20. If Sylvia is among the top three in the Olympic trials, she will qualify as a member of the U.S. Team entered in the World's Championships to be held in Japan. Shortly before they began their trip, the group raced in the Monta

Danish Speed Skating Association Championships held in Butte.

At this meet, Martin captured two first places and in doing so defeated former Olympic trains
gold medalist, Jack Disney, and broke one national record. Sylvia also captured two first places, breaking two national rec
ords. Judy entered the win column, too, with one first place, and one national record.

After the tryouts, Sylvia and Martin hope to return to the School of Mines for the second semester.

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113 W. Park

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GEO. STEELE CO.

Admiral TV, Radio, Refrigerators
42 W. Broadway
Butte

Lehman Barber Shop
Where Mines Students Get Clipped
42 W. Broadway
Butte

The Montana School of Mines Amplifier
Friday, January 25, 1963

The two friends were looking at the map and discussing the best route to take. The friend asked, "What is the difference between these two routes?" The other friend replied, "Well, one route is shorter, but the other route has more scenic views." The first friend said, "I think I would choose the scenic route." The second friend agreed and they decided to take the scenic route. As they drove, they saw beautiful mountains, forests, and lakes. They stopped at a scenic spot to have a picnic and take in the views. They talked about the beauty of nature and how lucky they were to be able to experience it. As the sun began to set, they realized they had made the right choice, as the sunset was breathtaking. They drove until they reached their destination, grateful for the adventure and the beautiful views they had experienced along the way.