The Amplifier - v. 8,(a-10) no. 10

Associated Students of the Montana School of Mines

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Lie News...

Dr. Sheridan L. Groves of the Montana Bureau of Mines and Geology will attend the 1963 Ig- nite Symposium at Grand Forks, North Dakota. He will attend the meeting on April 30 and May 1.

The Butte Civic Orchestra and the Butte Civic Chorus will present a music week concert Sunday, April 28, at 2:00 p.m. The concert will be held in the SUB.

Professor Stolz will present a music week concert Sunday, April 28, at 9:00 p.m. The concert will be held in the SUB.

Fall Magma Announced

Ed Shumaker, yearbook editor, has announced that the 1963-64 M-Day will be held on September 27-28. The theme for the event is "Kangaroo Court at 1:00. A sports meeting will also be held.

Correction

The scholarship announced by the Continental Oil Company for 1963-64 was incorrectly stated in the last issue of the AMPLIFIER. The scholarship is for $500.00.

New MSM Policies

New policies for advanced placement in college of higher learning are as follows:

1. Students who have completed high school courses in college may be accepted for advanced placement.
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MAGMA

It has come to our attention that the staff of our yearbook, Magma, has decided to publish the 1962-63 annual in the fall of the 1963-64 school year. We question the wisdom of this move. We feel that in all ways this book will have more meaning to the students who read it if it is published current with this school year.

Although the staff claims that by publishing in the fall they are including all of this year’s activities, we feel that a spring publishing date would not circumvent very many school activities. After all, isn’t it possible to write about these activities before they occur? Many of them are set and arranged well in advance.

We are afraid that it is too late in this year to change the publishing dates, but we hope that in the future the annual will be published when it is most newsworthy.

VOTE

On May 1, M-Day, we are going to vote for the officers of the Associated Students, School of Mines. Let us remember that by our turn-out we are showing our support for our student council.

There are those who contend that this election, that our student council, and that all do they have no meaning. They are wrong. It is up to us to disprove them by supporting these elections, and by electing competent, interested, and energetic officers.

PARKING II

A recent event on campus has once again brought into sharp focus the parking problem that exists here. Not too long ago, approximately fifty cars were tagged with warning tickets because their owners had failed to register them. We applaud the Dean for this and his other efforts to solve our parking problems. What we are inquiring about are the material efforts that result from, or go into this parking matter.

For instance, a certain amount of money is accrued from parking, in the form of fines. In the November 30, 1962, Amplifier Dean McAllistre stated, "From September 1957, to the present, $180 in fines has been set aside in a parking fund that may be used for the control of parking." We were wondering if this money would be used to purchase needed stop signs; or it will be used towards painting, or to provide any other craze has become prominent on campus. The latest "Brew Madness" is the parking? He’ll learn to make parking. Problems will still be a feature.

PUG

Pug was in Butte and atten August 10, 1957: to the present, $108 in fines has been set aside in a parking fund that may be used for the control of parking. "We have to be head hunters," muttered one despairing officer.

Professor McCaslin has been under fire from the dean's office for two years. It was not until this spring that he began to take action. Since then he has managed to keep the problem of parking under control. We are grateful to him.

Dorm News

Have you a pleasant Easter vacation? Just think, in another month or so you will be heading home for the Summer holidays. Some of you will be working here for six years now. May we express to you our grateful appreciation for your cooperation in the summer of 1963? We have felt that the problems you face are the same as those of the Student Council. We have felt that they are problems of education, not of leisure. We have felt that if you had the right to make your own decisions, you would be able to do so without interference from others. We have felt that you would be more active in your work if you were allowed to do so without interference from others.

Dorm Council has been working on the problem of telephones. We have been working with the phone company, here's a story about the phones.

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**ASSM CANDIDATES**

**Sigma Rho**

David R. Rogiv, Kalispell, is the candidate for student body President. Dave, a Junior in Mining Engineering, graduated from Flathead County High School with honors in 1960. He was Copper Guard Chancellor in his Sophomore year at M.S.M. as well as President of the Sophomore class. Among other activities, Dave was on the 1962 Magma team, a member of A.I.M.E., and Residence Hall Council Chairman. This year Dave is serving as A.S.S.M. president and was also Sigma Rho Archon.

**Non-Fraternity Candidates to Run**

Lee Saperstein, Don Hruks, and Frank Trusk have announced their intention to run for office in the ASSM. Each of these men are running by their own choice, and have no political or social affiliations. Their only obligation is to the student body as a whole. Saperstein is running for Secretary-Treasurer, Hruska and Trusk are running for delegate-at-large.

They do not have many funds for putting up fancy posters and must depend upon your attendance at the election convocation in order to present their platform.

**Delta Rho**

Rho's candidate for Student Body Vice-President is Robert M. Shonka, from Anaconda. Don graduated from Columbia High School, Richland, Washington with honors. He is a Junior in Metallurgical Engineering and has a scholastic average of 3.00. Bob belongs to Newman Club, is active in the American Society for Metals and A.I.M.E., and was president of the Residence Hall Council. In Sigma Rho he has held the offices of Vice-Archon and Sergeant-at-Arms.

**Theta Tau**

Jim Conway, a Junior in Mineral Dressing, is Tau's candidate for vice-president. Jim has a 3.74 scholastic average and has been awarded the Rotary Club Scholarship and a High School Honor Scholarship. He has been a member of the Copper Guards, has lettered in baseball and basketball, and has held the offices of secretary-treasurer of the M-Club and corresponding secretary of Tau. Presently, Jim is Regent of Theta Tau and an active member of the Newman Club and A.I.M.E.

**Calvin J. Strobel**

Calvin J. Strobel is Rho's candidate for Secretary-Treasurer. Cal, from Terry, Montana, is a Junior in Petroleum Engineering and has a grade average of 3.30. He has been awarded a $500 Freshman Scholarship, a $300 Cobb Foundation scholarship, plus two advanced scholarships. Cal is a member of A.I.M.E., Sigma Rho, and "M" Club. He lettered in football his first year at the Mines and in track he holds the Montana Intercollegiate record for the two-mile run. Cal is also an A.S.S.M. Delegate and Photo Club Secretary.

**Theta Tau's other candidate for Delegate-at-Large is Ed Simonich. Ed has maintained a 3.66 scholastic average in one and a half years and is a two-year letterman in football. He has been awarded a High School Honor Scholarship and a Freshman Honor Scholarship from the school. He presently holds the offices of secretary-treasurer of the M-Club, president of the Copper Guards, and president of the Sophomore Class.**

**Bob Shogren**

Bob Shogren is the candidate for Delegate-at-Large is Don "Pod" Podobnik from Anaconda. Don graduated with honors from Anaconda Senior High School in 1961 and was awarded a $500 Freshman Scholarship. He is a Sophomore majoring in Metallurgy. Don is a member of A.I.M.E.

**Ray Hyyppa**

Ray Hyyppa from Whitehall. Ray graduated from Whitehall High School where he was student body president his Senior year. At M.S.M. Ray is a Junior in Mining Engineering. He was a Copper Guard Duke, is vice-president of the Anderson-Carliuse Society, and is a member of Sigma Rho.

**Joe Bates**

Joe Bates, candidate for delegate, is a sophomore majoring in Metallurgical Engineering. An honor graduate from Anaconda High School, he has a 2.50 grade point average at the Mines. Joe has participated in intramural sports, was a member of the Dorm Council, and has received a Freshman Honor Scholarship and the Women's Auxiliary of A.I.M.E. Scholarship. At present, he is vice-president of the Theta Tau pledges and a member of ASM and A.I.M.E.

**VOTE for the CANDIDATE of YOUR CHOICE**

**REQUEST**

All candidates should have a representative to assist in counting the election ballots immediately following the Kangaroo Court. The counting will be done in room 101, Engineering Building.
PREAMBLE:
This association, composed of the students of the Montana School of Mines, hereby does hereby declare its existence in order to promote a greater efficiency in the management of student affairs of general concern, to promote the welfare of the students by fostering the growth of worthy new ones, to develop better acquaintance between students and other friends, among those directly interested in this institution, and to advertise more fully the worth of their school and its graduates.

ARTICLE I
Name and Membership
Section 1. The name of the association shall be, "The Associated Students of the School of Mines." The accepted abbreviation for this name shall be "A.S.S.M."  
Section 2. All registered students of the Montana School of Mines are eligible for active membership. The Alumni of the School of Mines are eligible for honorary membership, and the governing body of the association shall be entitled to the payment for the same fee as the student and shall enjoy all the privileges of active membership, except that of voting.

Section 3. A student's membership is gained at time of registration by the payment of the student activity fee for that semester. Payment of the activity fee shall enable the student to attend all meets, contests and other events held under the auspices of the A.S.S.M.
Section 4. No student may represent the student body in any way who has not been a member of the A.S.S.M. for at least two academic years excluding the one during which a student is attending the School.
Section 5. The student activity fee shall be fifteen dollars ($15.00) for each semester. This fee is subject to change by the A.S.S.M. only by constitutional amendment.

ARTICLE II
Officers and Their Duties
Section 1. The officers of the A.S.S.M. shall be: president, a vice-president, a secretary, a treasurer, a student manager, two delegates-at-large, an executive committee and a faculty student advisory committee.

Section 2. The president shall preside at the meetings of the A.S.S.M., be ex-officio chairman of the executive committee, and shall have the power to appoint delegates-at-large, secretary and other members of the executive committee. The president shall call meetings of the executive committee at least twice a month. When occasion demands, he shall act as the official representative of the association, and may delegate this power to the vice-president. The president must have attended the School of Mines for at least two academic years. He must be elected and must have obtained sufficient credits to be a junior or senior in standing.

Section 3. The vice-president shall preside at meetings when the president is compelled to be absent. He may, when so delegated by the president, act as the executive vice-president at committee meetings or other special occasions. He must comply with the same conditions as the president before he may be elected to office.

Section 4. The secretary shall keep a record of the proceedings of the A.S.S.M. and the executive committee. He must have been in attendance at the School of Mines for at least one year and must have attended at least two academic years prior to his appointment. He shall be appointed by the Director of Athletics and the appointment shall be subject to the approval of the President of the School of Mines and the faculty student advisory committee. He shall cooperate with the coaches and the faculty student advisory committee in the proper functioning of the association. He shall be a member of the faculty student advisory committee selected by the President of the School of Mines, who shall cooperate with the coaches and student manager in arranging schedules, contracts, or other matters of like nature.

Section 5. The student manager shall have served as an assistant student manager for at least one year and shall have been in attendance at the School of Mines for at least two academic years prior to his appointment. He shall be appointed by the Director of Athletics and the appointment shall be subject to the approval of the President of the School of Mines and the faculty student advisory committee. He shall cooperate with the coaches and the faculty student advisory committee in the proper functioning of the association. He shall be a member of the faculty student advisory committee selected by the President of the School of Mines, who shall cooperate with the coaches and student manager in arranging schedules, contracts, or other matters of like nature.

Section 6. No debts shall be incurred over and above the budget allotment without the approval of the faculty student advisory committee; and in the event of a dispute the same shall be subject to arbitration. All contracts, or schedules, appeal shall be made to the executive committee, which shall have final power.

Section 7. All receipts for all contracts, contracts for the same, and a statement of the funds necessary for these shall be submitted by the student manager to the executive committee of the A.S.S.M. If approved by this committee, they shall be submitted to the President of the School of Mines for his approval.

Section 8. No contract shall be considered valid and binding upon the A.S.S.M. until signed by the student manager and the ex-officio treasurer of the A.S.S.M. and approved by the executive committee. At the time of the election each year, there shall be appointed by the Director of Athletics, two assistant student managers, who shall assist the student manager in the performance of his duties. They must be in at least their second semester of attendance at the School of Mines and in good standing at the time of selection.

Section 9. The business manager of the School of Mines shall be the ex-officio treasurer of the A.S.S.M. He shall:  
(a) Be the custodian of the A.S.S.M. funds.  
(b) Honor all duly signed requisitions up to the amount of the budget.  
(c) Keep proper accounts of the A.S.S.M. funds.  
(d) Prepare a financial statement of the A.S.S.M. at each regular meeting of the executive committee.

Section 10. All A.S.S.M. funds shall be deposited in a local bank, and shall be drawn upon only on a check signed by the treasurer of the A.S.S.M. Requisitions for checks shall be presented to the treasurer signed by both the student manager and the faculty student advisory committee.

ARTICLE III
Election of Officers
Section 1. Any person who is not an active member shall be eligible to hold office, subject to the approval of the executive committee. 

Section 2. Only active student members shall be granted the privilege of voting at any meeting or the executive committee of the A.S.S.M.

Section 3. The president and the secretaries shall be elected by a majority vote of the members present at the M-Day meeting of the A.S.S.M. The two delegates-at-large shall be elected on M-Day, the first Wednesday in May. The term of this officer shall be the last two weeks of April. No member having signed a petition nominating one person for an office may be counted as a signature for another nominating petition for the same office. The names of all candidates for offices for the first time shall be posted on the bulletin board at least five days before the election.

Section 4. Voting shall be carried out according to the Australian ballot system, and the election of a special committee appointed by the president of the A.S.S.M.

Section 5. The executive committee of the A.S.S.M. shall have general charge of all business of the election.

Section 6. It shall require a majority vote to effect the election of any officer.

(a) Candidates for president, vice-president, secretary and two delegates-at-large must be nominated by a petition bearing the signatures of at least ten active members of the A.S.S.M. and of the candidates as they propose, not later than three days prior to the meeting of the A.S.S.M.

(b) Any member of the A.S.S.M. who has completed his present requirements and is in good standing at the School of Mines, is eligible to hold any elective office of the A.S.S.M. except president and vice-president. Freshmen are eligible for office only, provided they are not on probation or suspension as of April 1.

(c) In the event of a dispute over the scholastic qualification of a candidate for office in this organization, the question shall be referred to a special committee appointed by the president which shall carry full power to determine said question.

Section 7. Should any officer resign or leave college before his term of office is completed, a successor shall be elected by ballot at the next regular meeting of the A.S.S.M. such election shall be held within one month following the resignation or departure of the office holder. No offices shall be installed a week after election, and shall fulfill their duties if their successors are installed.

ARTICLE IV
Impeachment
Section 1. Any student office, elective or appointive, may be impeached, or any student member may be removed from office, by a majority vote of the members present at any meeting of the A.S.S.M. 

Section 2. Impeachment proceedings may be instituted by a petition signed by ten percent (10%) of the members.

ARTICLE V
Meetings of the A.S.S.M.
Section 1. The standing committees of the A.S.S.M. shall consist of the executive committee as may be formed by a majority vote of the members of the A.S.S.M.

Section 2. The executive committee shall consist of the president, the secretary, the treasurer, the student manager, the ex-officio chairman of the executive committee, and the two delegates-at-large. Any student member of the executive committee who, from three consecutive meetings is considered, unless granted leave of absence, to have vacated his office, and the committee shall call for nominations and a special election for his successor.

Section 3. The faculty advisory committee shall consist of the faculty advisory committee appointed by the president of the School of Mines of the School of Mines and the student manager.

Section 4. The executive committee shall hold regular semi-monthly meetings at time and place determined by the committee. The meetings shall be open to all members of the faculty of the School of Mines.

Section 5. Meetings of the A.S.S.M. shall be held on the second and fourth Mondays of each month of the academic year. Sessions of the A.S.S.M. shall be regular or special as determined by the executive committee.

ARTICLE VI
Meetings of the A.S.S.M.
Section 1. Regular meetings of the A.S.S.M. shall be held once each month. The president shall preside or appoint the executive committee. The president shall call a special meeting of the executive committee. Two school days notice shall be posted on the bulletin board at least two days prior to the meeting.

Section 2. Fifty per cent of the active members of the A.S.S.M. shall constitute a quorum.
Research Dept., Mineral Dressing

In this issue of the paper, an effort was made to acquaint its readers with some of the research which is being carried out at the Montana School of Mines' Mineral Dressing Department. Bob Burns, who is presently engaged in the fundamentals of comminution, has written the following article.

**Fundamentals of comminution**

As a long term which means the investigational and theoretical nature of the distribution of crushed, brittle materials which is being carried out in two parts, analytical which was completed last year, and the experimental. The experimental part of this work is the verification of the analytical, and is the part Mr. Burns is doing now. The analysis is very complicated, but as simple as possible is based on the paper by L. Bert Bergstrom. A similar approach to the theory in solving used cards or the "games of chance".

This is a relatively unknown field of research. Some work was done previously by Dr. Gilvary who was a physicist at the All-Chalmers; however, his work was very broad and did not make his calculations correlate. Mr. Burns, who was loaned a jaw crusher while working for Butte Manufacturing Company, will get the same results from a single machine, which is unique in that it can do the same work as the two previous machines and his results will be relative.

Most of the calculations are very complicated so most of the results will be computed in Bozeman. The All-Chalmers Corporation will publish his results at their main office in Milwaukee. Mr. Bert Bergron is working in liaison between Mr. Burns and All-Chalmers.

Murray to Do Research

Professor Joseph Murray has recently been chosen by the Nevada Bureau of Mines and Geology to carry on research this summer at Oregon State University. The Summer Research Program is sponsored by Oregon State University and is designed to attract college juniors, seniors and graduate students.

The song that attracted most of his attention was "The Friendly".

Campus Organizations

International Club

In the spring of 1957 the International Club was organized. The Club is open to students from every nation, and its purpose is to encourage friendship and better understanding among foreign and American students. The Club holds two or three open meetings each year. When these meetings are held, the students of their country which gives the public a chance to learn more about other countries. The Club sponsors a model United Nation's Conference which annually has a dance. In the spring a picnic is held for the members of the club, particularly students of foreign nations, present talks to different civic groups and organizations around Butte.

Mineral Club

The Mineral Club is composed of students who are interested in the study and collection of minerals. Monthly meetings are held in the basement of the library, the place of meetings. A new society is organized each year. The members of the club are interested in the study of minerals.

Stoltz to Teach at O. U.

J. B. Stoltz, Jr., consultant and professor of Petroleum Engineering at Montana School of Mines, is to be professor of the United States Bureau of Mines, and engineering educators in the United States is to be professor of the United States Bureau of Mines and geology.

The announcement was made by the President of the United States. Stoltz has been appointed to the position of Professor of Petroleum Engineering at the United States Bureau of Mines and geology.

Graduate Research Department

Mr. Youd, Yukon, Canada, has been chosen to teach at the University of Yukon, Canada, the spring semester. He will be the first person to be chosen to teach at the University of Yukon, Canada, in the spring semester.

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Infielders Return for Fourth Season

This month the Amplifier would like to pay special recognition to Tom Leibisch and Frank Quillig who are playing for their fourth consecutive year with the Montana School of Mines Baseball team.

Tom, a junior, has had a lot of experience in baseball. He played two years with the Helena American Legion team, and four years in the Copper League. Of these years, he played three with the East Helena team and last year with the McQueen Athletic Club. Tom is active around the Campus in many clubs and organizations. Among these are the Copper Guards, Theta Tau, M-Club, A.I.M.E., and he is Vice-President of the Student Council.

Frank, also a junior, has played for McQueen Athletic Club for two years in the Copper League and for two years in the Intermediate League. Frank is a member of A.I.M.E., M-Club and the Newman Club. He played football for one year and has been active in the Intramural Program.

Frank and Tom are both juniors in Petroleum Engineering.

Handball

In close and hard-fought games, Bill Tidby and Frank Panisko defeated Earl McCarthy and George Sever in the handball doubles championship. Sever and McCarthy took the first game, 21-14, while Tidby and Panisko took the second two, 21-16 and 21-17.

Keeping a secret from someone people is like trying to smuggle daylight past a rooster.

ANACONDA®

"A PARTNER IN MONTANA'S PROGRESS"