Enrollment Hits New High

Four New Faculty Added

When registration closed on October 5, the total number of students at Montana School of Mines was 412. This figure represents an all-time high for first semester registration. In 1946-1947 the combined total for both of the semesters in that academic year was 414, but first semester figures were below this semester's 412.

**Four New Faculty Added**

Two changes in the present staff were announced by Dr. E. G. Koch, President. Dr. Keith Easley, and Mr. Joseph Murray joined the department of Mining Engineering and Geology. Mr. Robert Geach, in the Montana Bureau of Mines and Geology. Dr. Keith Easley, who received his B.S. degree at Western State College, Gunnison, Colorado, and his Ph.D. at the University of Colorado will teach Physical Chemistry. After working for the Minnesota Mining and Manufacturing Company he undertook post-doctoral research at The University of Utah. He is also a member of The American Chemistry Society.

Mr. Joseph Murray, also a member of The American Chemistry Society received his B.S. degree from Puget Sound College, Gunnison, Colorado and his Ph.D. at the University of Minnesota. He is also a member of AIME and the Montana Society of Engineers, he replaces Frank C. Johnson. Mr. Murray was employed as an assistant professor, received his B.S. degree at Montana School of Mines and has done graduate work in mining engineering. He has worked for The Anaconda Company during his school summers and after his senior year as an assistant mining engineer and mine geological engineer. He was involved in petroleum and mining explorations as an engineer for the core drilling on Montana Mines. He is also a geologist for the core drilling on Montana Mines and has done graduate work in geological engineering. He has worked for The Anaconda Company as a sampler and has served as assistant mining engineer, research and ventilation engineer, geologist and shift boss. A member of The Montana Society of Engineers, Mr. Murray has served as assistant mining engineer, research and ventilation engineer, geologist and shift boss. A member of The Montana Society of Engineers, he was elected to the Important Meeting of the Year, was scheduled to allocate funds for the various campus organizations. Students were present to justify the appropriations requests made by various groups.

**Appropriations Are Made by ASSM**

Student body President Dave Bivio called the first meeting of A.S.S.M. to order on October 3 in Room 10 of the Petroleum Building. The student council, our elected representatives, serve us in the important function of budget directors. This, the most important meeting of the year, was scheduled to allocate funds to the various campus organizations. Students were present to justify the appropriations requests made by various groups.

After a lengthy discussion, the following appropriations were approved:

<table>
<thead>
<tr>
<th>Organization</th>
<th>Requested</th>
<th>Granted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Football</td>
<td>$2,700.00</td>
<td>$2,700.00</td>
</tr>
<tr>
<td>Basketball</td>
<td>$2,105.00</td>
<td>$2,105.00</td>
</tr>
<tr>
<td>Minor Sports</td>
<td>$1,200.00</td>
<td>$1,200.00</td>
</tr>
<tr>
<td>Anderson-Carlsbad</td>
<td>$90.00</td>
<td>$90.00</td>
</tr>
<tr>
<td>Associated Women Students</td>
<td>$90.00</td>
<td>$90.00</td>
</tr>
<tr>
<td>Junior Class</td>
<td>$150.00</td>
<td>$150.00</td>
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<tr>
<td>Mineral Club</td>
<td>$255.64</td>
<td>$240.00</td>
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<tr>
<td>Freshman Class</td>
<td>$125.00</td>
<td>$125.00</td>
</tr>
<tr>
<td>Special Days</td>
<td>$100.00</td>
<td>$100.00</td>
</tr>
<tr>
<td>International Club</td>
<td>$200.00</td>
<td>$200.00</td>
</tr>
<tr>
<td>Copper Guard</td>
<td>$125.00</td>
<td>$125.00</td>
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<tr>
<td>Photo Club</td>
<td>$100.00</td>
<td>$100.00</td>
</tr>
<tr>
<td>Amplifier</td>
<td>$1,300.00</td>
<td>$1,300.00</td>
</tr>
<tr>
<td>Debate</td>
<td>$150.00</td>
<td>$150.00</td>
</tr>
<tr>
<td>M-Club</td>
<td>$125.00</td>
<td>$125.00</td>
</tr>
<tr>
<td>ASM</td>
<td>$30.00</td>
<td>$30.00</td>
</tr>
<tr>
<td>Glee Club</td>
<td>$100.00</td>
<td>$100.00</td>
</tr>
<tr>
<td>Sophomore Club</td>
<td>$100.00</td>
<td>$100.00</td>
</tr>
</tbody>
</table>

Appropriations were made by A.S.S.M. for the following: Football, Basketball, Minor Sports, Anderson-Carlsbad, Associated Women Students, Junior Class, Mineral Club, Freshman Class, Special Days, International Club, Copper Guard, Photo Club, Amplifier, Debate, M-Club, ASM, Glee Club, Sophomore Club. The total amount for these appropriations was $10,526.67. This figure represents an all-time high for first semester registration. In 1946-1947 the combined total for both of the semesters in that academic year was 414, but first semester figures were below this semester's 412.
WELCOME

To you whose most important educational years coincide with the "space age", when words such as "automation" and "astronaut" seem to be indicative of the kind of life we face, we hope the time you spend and the contacts you make here will create for you lasting impressions which will influence your lives in this growing new world. These important impressions, of the greatest consequence to you, will be composed of many seemingly inconsequential influences and "every day" events. We think the composite of your impressions is one of which you may be proud.

In order to get the most satisfaction out of college life, it is important that you make plans for fulfilling obligations to your parents, teachers, friends, school, and most of all to yourself. Be ready to recognize the helping hands which will be extended to you, but don't forget that your own performance is the one thing which will establish your worth.

The Montana School of Mines exists solely for the purpose of providing necessary educational opportunities in certain fields of study to young men and women who realize the importance of a college education and who are sufficiently motivated to surmount the difficulties. Our aim is to provide education of the highest possible quality, so that student sacrifices and efforts can create productive and satisfying results.

We welcome you to our campus and hope you will make your own-day your expectations be surpassed only by your accomplishments and may your days here be happy and fruitful.

CAN WE COMMUNICATE?

As school resumes and the routine begins, MSM'ers begin to anticipate the Amplifier. They wonder if the Amplifier will be utilized by students, faculty, and the school's administration as a prime means of communication.

PLEASE . . .

A well-kempt campus should be the interest and concern of all. For a good part of each weekday we attend classes, busy ourselves in laboratories, use the facilities of the campus, have conferences with instructors, etc., and the rest of the time we do not. The organization of the staff has been made with the intent of serving all students at the Montana College of Mines. We hope the Amplifier will be utilized by students, faculty, and the school administration as a prime means of communication.

COMING EVENTS

(Observable Change)

October

20-Mines vs. Rocky Mountain (there)
23-Newman Club-Class, Room 8, Pet. Bldg., 7:00 p.m. Regular Meeting, Copper Lounge, 8:00 p.m.
24-30-Newman Club-Class, Room 8, Pet. Bldg., 4:15 p.m.
26-Convocation-Library-Museum Hall, 8:00 p.m.
29-Newman Club-Class, Room 8, Pet. Bldg., 7:00 p.m. Regular Meeting, Copper Lounge, 8:00 p.m.
31-Newman Club-Class, Room 8, Pet. Bldg., 4:15 p.m.

November

2-Homecoming, Mines vs. Northern
4-Faculty Dinner Party
5-Butte Civic Orchestra Concert, Library-Museum Hall, 8:30 p.m.

CAMPUS CALENDAR

One of the many progressive programs at MSM is the maintenance of a master calendar of scheduled events that are to take place on the campus. The Dean's Office is given the responsibility of maintaining this calendar. The attempt to show the important problem of conflicts in the scheduling of various activities will depend upon the continued and growing cooperation of all in providing information for this office on the coming events that should be included on the master calendar.

The correct procedure for reserving a date on the school calendar is to first consult the Dean's Office to see if the date can be made available. If it can, the Dean's Office will reserve the date and notify the organization concerned.

The organization may then reserve meeting rooms in classroom buildings or making other special arrangements for the meeting. As many meetings and functions as possible should be scheduled in the Copper Lounge instead of in classrooms or in the Residence Hall.

DOROTHY RETIRES

For over 20 years Dorothy Albers has served Montana School of Mines as a waitress in the Union Pacific Coal Company

can now be interviewed by the students, faculty, and the school administration as a prime means of communication.

MRS. DOROTHY ALBERS

Dorothy will be missed by those to whom she is a favorite and her kindly quips have become a byword. Her "keep the customers happy" philosophy will be sorely missed from the dining room.

The Albers residence is located in Butte. Dorothy's".......

PLACEMENT OFFICE

Under the chairmanship of Dean D. C. MacAuliffe, a committee of Professor Donald W. McGlashan, Douglas H. Haranish, Jr., William A. Vine, and Mrs. Marva Powell, operates a very efficient Placement Office to look after the interests of both students and alumni. Mrs. Marva Powell, secretary to Dean MacAuliffe, takes much of the responsibility for the placement service's smooth functioning.

The college conducts its office in conformity with the principles and procedures announced by the Placement Office. It is necessary to acknowledge and make plans for fulfilling the requirements, act with punctuality and in a business-like manner, not try to be a prospective employer if he will not accept an employment offer.

A Placed student will be given the Placement Office notification of the status of his employment negotiations.

INTERVIEWS FOR OCTOBER

On October 23, 1962, Mr. R. E. Tate and Mr. L. B. Myers of Continental Oil Company will interview Petroleum Engineering graduates (BS, MS) for positions in the Production Department and the Production Research Division. Professor Haranish is in charge of the afternoon interviews, which will be held in the Petroleum Building, room 208.

Mr. D. T. Hunter and Mr. K. E. Tanner of Texaco, Inc., will interview Petroleum and Geological Engineering graduates (BS) for positions in the Domestic Production Division. Professor Haranish is in charge of the interviews, which will be held in room 108 of the Petroleum Building.

On October 30, 1962, Mr. L. D. Johnson, representative for the Conoco Inland Steel Company will interview Metallurgical Engineering graduates (BS, MS) for positions in the Domestic Production Division. Professor Haranish is in charge of the interviews, which will be held in room 108 of the Petroleum Building.

Interviews are scheduled for one-half hour interviews beginning at 5:00 p.m. and ending at 7:30 p.m.

MRS. MARVA POWELL

Mrs. Powell was born in Kenner, Wyo. and attended schools in Rock Springs, Wyo. Upon graduation Mrs. Powell was employed by the Union Pacific Coal Company where she worked the coal mine. After this Mrs. Powell went to work for the U.S. Maritime Commission in Long Beach, Calif., being employed as the Assistant Purchasing Agent. She later went to work for the E. H. Fenton Stock Exchange Company in Las Vegas.

Mrs. Powell came to Butte to visit her mother and while here decided to stay. She began work here in April, 1955, working part-time for the Butte and part-time for Dean MacAuliffe. Although this was a time of being "borrowed" back and forth and a time of hard work, Mrs. Powell seems to have enjoyed many interesting and humorous experiences.

A few of Mrs. Powell's jobs include—taking care of the meter, typing job applications for students and alumni, answering registrations, Who's Who and job placement requests. Some of the more recent of her numerous jobs Mrs. Powell has done is as a member of the National Secretaries Association.

Mrs. Powell enjoys league bowling, liking to knit, paint and play the piano. She also enjoys pet parakeet very much.

When asked what impressed her most about her work at the School of Mines, Mrs. Powell replied, "The wonderful faculty, the staff and the complete cooperation of the students".

AMPLIFIER STAFF

Editor._.--------------------------.--_.Mary Pat Tidd1
Make-Up Editor_.-----------------.-.Brenda Brophy
Feature Editor _____________________________-.L. Estey,
Sports Editor ______________________________-.William Talby
Women's Sports Editor _______________________.George Steele
Reporters ________________________________.Patricia Beam, Beverly Phillips,
                William B. Arnold, Carol Griffith, Doreen Shieh,
                L. Estey, L. Garcia, A. Gutfeld, D. Johnson, J. Lenevar, G. Stiver
Business Assistant ___________________________.Philip Nettling
Business Ad Solicitors _______________________.George Steele

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Club News
The new officers who will lead the Glee Club for the school year are President, Don Hruska; Vice President, Janice Roberts; Secretary, Sharon Breen. The Glee Club meetings are held every Wednesday at 7:00 in the auditorium off the Library Museum Building.

Don Hruska, Janice Roberts, and Sharon Breen will serve as officers for the Mineral Club for this year. This club, open for any interested rockhounds and geologists, and the meetings are held every Thursday in the basement of the Mineral Building. The group also held a field trip to the Delno Lake area on October 7.

The Wesley Club, a religious organization sponsored by the Methodist Church, held a dinner for students at the School of Mines, Business College and Young people working downtown on Sunday, October 14. This organization is open to any interested protestant students.

The Freshman Class elected the following students to head the class: President, Thomas Bumgar; Vice President, Mary Pat Tiley; Secretary-Treasurer, Mike Lyman. All the students are from Butte.

President of the Coed Club for this year is Carol Moor. The Coed Club is backed up by Vice President, Lee Ann Peterson; Secretary-Treasurer, Ketty Keane, and moreover elected by the executive board, Dorothy Phillips, Carol Dunstan, and Sandy Skender.

The Newman Club officers for this year are: Ken Arne, President; Vice President,raft Hagenson; Recording Secretary, Jean Parker; Corresponding Secretary, Brenda Brophy; Treasurer, Dan Stover. The club offers religious courses to any interested student for the coming year. The credits from these courses are transferable to Carroll College.

The campus favorites: 1962
Popularity, poise, intellect. It takes all three to be a National College Queen.

Naturally, these lovely coeds show regal taste in engagement rings. The Artcarved diamond ring styles they prefer are now on display at our diamond counter.

The campus favorites: 1962
Two of the lovely designs chosen by America's College Queens. From $100.

LaVern's FASHION SHOP
135 W. Park
Keeping your service your best bargain is everybody's job at the MONTANA POWER COMPANY

WOMEN'S NEWS
By CAROL GRIFFITH and DOREEN SHEA
IN MEMORIAM
"Honorable age is not that which standeth in length of days, nor number of years. Having fulfilled her course in short time . . ."

The entire Amplifier staff wishes to express its sincere and heartfelt sorrow on the death of Vesna Burns, former Co-editor of the newspaper and always a native of this fine city. She was killed in an automobile accident on June 23, 1962. As we think of Vesna, we shall always remember her sincerity, cooperation, friendliness, and goodness.

Mamma Goes to College
Not many co-eds attending the Montana School of Mines have two daughters in college. But Mrs. June Quane, M.S.M. Freshman student, and her daughter, a sophomore at Western Montana College of Education at Dillon, the other attends Carroll College in Helena, where she is currently a freshman.

"I just can't wait until we get together for a basketball tournament," says Mrs. Quane.

Her college career began, she says, as an idle thought, but her family urged her on. She is taking a general course, and plans to graduate, although she may have to finish by taking summer classes. She may remain at M.S.M. for two years, and may even come back for a third year.

Asked how she likes it here, Mrs. Quane replied, "I love it."

WOMEN STUDENTS ENJOY ENGINEERING
Four freshmen women students have entered Montana School of Mines in the engineering course. They are Doris Banney, of Alberton; Sandy Sturmler of Fairfield, Montana, and Paulette Kandelberg of Butte.

Doris is interested in becoming either a geologist or a metallurgist. She decided while in grade school that she should pursue engineering as a career. So far her reaction is "I love it." Sandy has not decided definitely which branch of engineering she will choose, but is considering either petroleum or geology.

Paulette is interested in becoming a metallurgist. She plans to graduate in geological engineering with a petroleum option. Paulette is a 1961 graduate of Butte High and attended Montana School of Mines last year as a general student.

Four Students Receive Awards
Four students at Montana School of Mines have been awarded a Student Membership Prize Award for the year 1962-1963 by the American Society for Testing and Materials. The awards to Cam Brown, Graham Cadwell, John Dowis, and H. David Greenberg are made in recognition of their demonstrated interest and meritorious work in the courses related to the activities of the American Society for Testing and Materials.

The Old Timer
"Most men don't bring their boss home for dinner because she's already there."

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Prime Rib Every Wed., $1.98

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TRAFFIC GRANTS AWARDED FIRST 1000 APPLICANTS

Please see your Placement Officer for complete details. The School also plans to send you 20 cents for complete 20-page brochures. For Application or Job Application to:

DEPT. M, AMERICAN STUDENT INFORMATION SERVICE
22 Avenue de la Liberte, Luxembourg City, Grand Duchy of Luxembourg

Geology Summer Camp Is Held
Six weeks of professional training in geologic field methods and mapping were held in the latter part of the summer in the upper Gallatin Valley with headquarters at the Almira Lodge.

The initial two weeks work was supervised by Professor Cox and consisted of mapping in the use of the Jacob's Staff, Brunton Compass, and measuring tape in accurately measuring and scientifically describing the various formations in the area. Palisade Ridge, Snowflake Springs, and Porcupine Ridge are among the treacherous heights surrounded by the students during this period in their inattire thirst for knowledge. Luckily, Werner Rasch carried a climbing rope and pitons for when the going really got rough.

During the second two weeks, Dr. Hall instructed the class in the preparation of a geological and topographical map of an area using the plane table and the alidade. The area selected for this exercise was noted for having the steepest slopes and highest peaks of any similarly sized area in the vicinity. Dr. Earl and Dr. Fisk each supervised one week of the final two weeks work during which the technique of making a geologic map from aerial photos was taught.

THE WOMAN WHO SEWS
By Liberte, Luxembourg City, Grand Duchy of Luxembourg

Four Students
The International Club has elected Raif M. Zacca as President for the coming year. Other newly elected officers are: Lee Superstein, Secretary; Janice Roberts, Secretary; and Donald Hruska, Treasurer,

PARK & EXCELSIOR SERVICE
OPEN 24 HOURS Close to the School

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

The campus favorites: 1962

Two of the lovely designs chosen by America's College Queens. From $100.

HORD'S JEWELRY
79 W. Park

THE MONTANA SCHOOL OF MINES AMPLIFIER
Page Three
Conference Chatter

M-Club Plans Homecoming

President Brad Bilyeu announced that the annual homecoming will take place on November 3. The Orediggers will play on the football field on this day, and a pre-game ceremony will highlight the event.

As was the case last year, a parade on the downtown streets of Butte will be a part of the pre-game activities. During the second quarter, the Queen will be presented a bouquet of roses.

To round off the day's activities, a coronation ball at about 10 o'clock will be held in the Queen Lounge. At the dance, the Queen will be officially crowned and along with her court, will take over as the head of Butte homecoming the best ever.

First Convocation Spreads Optimism

Big Ed Comments:

"With this squad we could develop a tough nucleus; however, much will depend on the help we will receive from the freshmen and men who have reported for practice. At this time we can see that there will be some help giving the veteran liners some rest, replacements for our backs. The success of our season will be determined by good conditioning and the minimum of injuries to the squad, especially where we are short in depth."

The Mines opened their season Saturday, October 6 against Eastern Montana College of Education, one of the toughest, if not the toughest, teams in the Conference. The remainder of the schedule is as follows:

- Western Oct. 13, at home
- Rocky-Oct. 20 there
- Carroll Oct. 26, there (night game)

Northern-Nov. 3, home, 1:30 p.m.

These frosh women will join Jerri Kankelborg, Paulette Rovig, and Sherrie Egdahl as members of the cheering squad for the '62-63 season.

Sherrie Kishgahd, 18, who is a graduate of Butte High School, plans to transfer to Eastern as a freshman major in Physical Education and history. Her favorite pastimes are sports and dancing. Sherrie is 5'7" with blonde hair and brown eyes.

Vicki Markovich, 17, also a graduate of Butte High School, hopes to attend Montana State University where she will major in physics and education. Vicki, who is 5'7" has brown hair and brown eyes. Her favorite pastimes are weightlifting and swimming.

Sandi Sanderson, 18, a graduate of Girls' Central High School, plans to transfer to MSM and major in Education. Sandi is 5'7". Her favorite pastimes are sports and dancing.

This Advertisement Worth $1 Call Tom

Fuller's "Bush Man"

CLARENCE A. BOAL

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Come in and See

BILLS' MEN SHOP

29 WEST PARK

For the latest in Men's Apparel

MINERS IN ACTION—George Sever wings as Dale Fellows carries the ball.

SCORE BY PERIODS

Mines 0 0 3 6

Eastern 0 6 0 6

Butte's line of backs, led by seniors Evans, Hines, and Miller, played a strong game in both halves, the Mines turning in a 6-6 tie. The Miners had several opportunities to score in the final period, but were not able to take advantage of them. The Mines outscored the Yellowjackets 6-6 in the final period, the game ending in a tie.