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Associated Students of the Montana School of Mines

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Crnic Is Awarded Rotary Scholarship

Richard L. Crnic, son of Mr. and Mrs. Leonard Crnic of Butte, has been awarded the Butte Rotary Club Scholarship of $250.

Mr. Crnic, majoring in petroleum engineering at Montana School of Mines, is an honor graduate of Christian Brothers' High School, Butte.

He is a graduate of High School Honors Scholarship when he entered Montana School of Mines. A member of the American-Carliole Society, Theta Tau Fraternity, the Capitol Club and the "Mr. Club," Mr. Crnic is a three-year letterman, having been active in varsity sports. He has also participated in intramural volleyball and basketball.

Crnic has worked for Victor Metals Company, at Malad Rock, the Northern Pacific Railroad, the Highway Grocery and Silver Fox County.

He attended Butte High School in 1966.

Signa Sigma Holds Initiation and Dinner Dance

The Butte Copper Club was the scene of the recent Sigma Sigma initia-
tion held Saturday, March 18.

Luncheon was served at 11 a.m. in the Copper Lounge. The dinner affair which started about 7:30 p.m. with a delicious turkey dinner.

Seated at the head table were the officers of the Butte Copper Club. Also present were: Dr. and Mrs. S. L. Groff, special guests; Dr. S. L. Groff, guest speaker, and Mrs. G. V. C. Thompson, president of the fraternity, and Miss Lois Car-
lott, member of the executive committee.

Presentations are being stepped-up since E-Day is fast approaching. The Anderson-Carlisle Society and the E-Day committee chairman are hoping for the continued full coopera-
tion of the student body so that we will again produce a successful E-Day.

McMillan Presents Metallurgy Seminar

On Wednesday, March 22, Mrs. G. L. McMillan, a resident of Central Montana, presented a seminar entitled "Hydrometallurgy." This Mrs. McMillan, presented an introduction to the metallurgical process and the various steps involved in the production of metal.

Hydrometallurgy is the process of extracting metal from its ore or from concentrates. In this process, the metal is dissolved in a solvent and then precipitated as a solid metal. The solvent used for this process is usually an aqueous solution of a strong acid or base.

In hydrometallurgy, the metal is dissolved by chemical and electrochemical reactions. The chemical reactions involve the addition of reagents to the ore or concentrate, while the electrochemical reactions involve the passage of an electrical current through the solution.

There are two main steps in the hydrometallurgical process: the extraction step and the precipitation step. The extraction step involves the dissolution of the metal from the ore or concentrate, while the precipitation step involves the deposition of the metal from the solution.

Preparations are being taken to make a full-scale plant for the chemical treating process. The plant will be located in Butte, Montana, and will be operated by the Butte Copper Club.

The preparation of the metal from the ore or concentrate is usually accomplished by a combination of physical and chemical processes. These processes include the use of leaching and precipitation techniques.

Leaching is the process of dissolving the metal from the ore or concentrate, while precipitation is the process of depositing the metal from the solution. These processes are often used in combination to produce a high-purity metal.

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The preparation of the metal from the ore or concentrate is usually accomplished by a combination of physical and chemical processes. These processes include the use of leaching and precipitation techniques.
I wonder if we can see our own little world at MSM is only a smaller scale of life "out in the cold, cold world," then is it any wonder that we find the world situation tense and unhappy. If we cannot "coexist" and get along, then we do not see that the difficulties, hates, and fears present in the whole world are only extensions on a much larger scale of these things, the social level.

Happiness, which is perhaps self-satisfaction, or unhappiness seem to directly result from the relations between persons, or the cooperation, forces or ideas derived from a person, or a question which should dominate, whether or not to compromise, or to avoid conflict, or should exist. In the final analysis the causes of problems seem to boil down to "not getting along with others", or the lack of understanding or willingness to understand, or the desire and want to understand the Soviet Russians or females?

Certainly it is a wise person who knows who to laugh at. It is the laugh of those of others and their systems. "The best laid schemes of mice and men go astray," It is most difficult to tell when one of our plans have failed. It is so easy to see other people's failures and deeds. Therefore, we welcome constructive, not destructive, criticism.

On the brighter side of group relations, spring appears to be brewing good influences here. The coeds and student-nurses are planning to co-sponsor a picnic—sounds promising. "Shouldn't we, together?" Though seemingly petty to some, the traditional friction between coeds and men is being resolved, and many coeds "friction" benefiting someone. By supporting a co-ed picnic, the entire student body could have a "blast." Besides, it is a great way to introduce some new recruits, and we all can enjoy the scenery, can't we?

Another example of the good results obtained from cooperation is the fact that enrollment was down 11.0 percent, April 15 and 16. A lot of thought and hard work is going into making this year's E-Dance a success.

A belated congratulations to the Copper Guard for their fine work paving out programs at the party the other night. This was the result of the winging of the campus organizations get together and let's have a dance. Boys, get out your western shirts and boots and girls, you too.

I wonder if I got "spring fever."
Simionich To Coach South All-Stars

Ed Simionich, coach and athletic director of the Montana School of Mines, has been selected to coach the South Team in the Butte Jaycees annual South-All-Star basketball game. The game is scheduled in the Butte High School gym on June 10.

Hugh Welsch, Herman Baltezar, and Bob McPherson, co-chairmen for the game, announced the selection of Coach Simionich. He will coach the North Team and the Montana State Synchronized Swim Meet which will be held in the School of Mines pool April 29.

Coeds Fete St. Patrick

On St. Patrick’s Day, Friday, March 17, the Coed Lounge sponsored a large green and white stripe party. The scene of a mixer sponsored by the Coed Club under the direction of Pete Atkinson.

Conns Makes All-Star Team

Jim Connors, Mines center, player for the Montana State Synchronized Swim Meet held in Tooele, Utah, from March 17, the Copper Lounge was the scene of a mixer sponsored by the Coed Club under the direction of Pete Atkinson.

Know Butte

GEORGETOWN BEGAN IN 1868

Prospectors of the Butte area established the town of Georgetown near the present lake by that name west of Anaconda.

It began to be a mining camp in 1868, one year after reports of the fabulous richness of the Cable mine, just west of Georgetown near the present lake by that name west of Anaconda.

About 1872 the placer mines began to peter out. Hydraulic mining was tried for a time and then the prospectors turned to quartz mining, but the ore proved to be too low for profitable operation. However, mining on a small scale continued in the area until recent years.
School of Mines Graduate To Become AIME President

Roger Vorn Pierce, Salt Lake City mining consultant and graduate of Montana School of Mines, will become president of the American Institute of Mining, Metallurgical and Petroleum Engineers in 1966.

He has been nominated by the students of the AIME to head the largest organization of engineers in the nation. He is an expert on the metallurgy of the copper and gold deposits of the AIME alternate in the United States and is a native from Butte.

Pierce, who becomes president of the AIME on June 1, will become the first School of Mines graduate to hold the position.

R. R. C. McNaughton, Trail, B.C., is the current AIME president, having been nominated by the metallurgical society.

Was Graduated in 1935 Paving colleges now known to Montana mining men, received a bachelor of science degree at the School of Mines in 1935, following his graduation in 1935, he received a master of science degree the following year, also from the School of Mines.

NDEA Program Loans Students Nearly $8 Million

The U. S. Office of Education has reported that 140,381 loans totaling $89.6 million were made to students attending colleges and universities last year.

The first two advances mentioned are particularly advantageous to those who plan to become teachers and who wish to acquire the necessary qualifications in science, mathematics and physics.

Another point made was that the Chinese are behind the Western World in engineering and mathematics, and Japanese commerce has risen to $15 a day plus travel allowances.

Student loan holders pay neither tuition nor room. The more than 650 participants will receive stipends of up to $50 a day plus travel allowances.

The program of Summer Conferences for College Teachers is patronized by the Swing Institute for High School and College Teachers, which operates nearly 400 Summer Institutes this year.

Achievements in that area will not be slowed down by the Communists, but the Communists can speed up the production of industrial goods, engineers emphasized that at Electronics Research Laboratories.

AIME President Should Help Speed Trade

The AIME president should help speed trade between Mexico and the United States, according to the panel of experts.

The panel was headed by Dr. T. C. Tono, Senior Research Engineer at Columbia University's Electronic Research Laboratories.

Participating were Dr. Lewis L. Tjhung, Mr. Pao, and Mr. Edward K. Nish.

Conferences for College Teachers Supported by NSF

The National Science Foundation has announced grants totaling approximately $956,000 to colleges and universities in support of twenty-three Summer Conferences for College Teachers of Sciences, Mathematics, and Engineering. The conferences are designed to strengthen teachers' mastery of junior developments in science and mathematics and to help increase the number of college teachers in these fields. The conferences will be held at various locations from 12 to 18 weeks in duration, following the academic year.

The program of Summer Conferences for College Teachers is patronized by the Swing Institute for High School and College Teachers, which operates 350 Summer Institutes this year.

They are conducted at such places as the University of North Carolina, the University of Southern California, and the University of California at Los Angeles.

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