

11-17-1972

## The Amplifier - v. 18, no. 3

Associated Students of the Montana College of Mineral Science and Technology

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

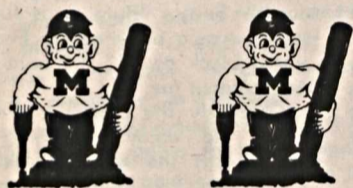
---

### Recommended Citation

Associated Students of the Montana College of Mineral Science and Technology, "The Amplifier - v. 18, no. 3" (1972). *Amplifier (1955-1977)*. 220.

<http://digitalcommons.mtech.edu/amplifier/220>

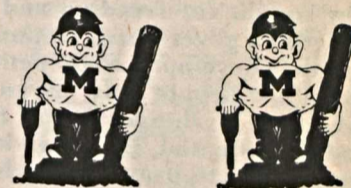
This Book is brought to you for free and open access by the Student Newspapers at Digital Commons @ Montana Tech. It has been accepted for inclusion in Amplifier (1955-1977) by an authorized administrator of Digital Commons @ Montana Tech. For more information, please contact [sjuskiewicz@mtech.edu](mailto:sjuskiewicz@mtech.edu).



# The AMPLIFIER

Montana College of Mineral Science and Technology

BUTTE, MONTANA



Vol. 18, No. 3

Friday, November 17, 1972

## Library Pays Tribute to E. J. Renouard

On display in the library are pictures, medals, and awards honoring the devotion of Edward J. Renouard to Montana Tech, the mining industry and the community. The exhibit was donated to the college by Renouard's wife Agnes.

It was largely through the leadership and financial aid of Renouard that Montana Tech's Alumni Coliseum was constructed. For his service to the college he was elected to the Montana Tech Alumni Hall of Fame.

Renouard was born in 1898 to an early-day Butte family. His father was a pioneer of the Butte mining district and for many years was foreman of the Badger Mine.

Renouard was still in high school in 1914 when he became a miner on the Butte Hill. He was graduated in 1916 and continued to work in the mines to put himself through college at Montana Tech. He received his degree in mining in 1920. In 1953 the college awarded him a professional mining engineering degree in recognition of his achievements in the field.

After college, Renouard became shift boss, sampler and safety engineer for The Anaconda Company. By age 26, he was assistant foreman of the Mountain Con Mine, and five years later he became foreman. In 1941 he became assistant general superintendent, in 1952 he was manager of mines, and in 1959 he was elected by The Anaconda Company's Board of Directors to the position of vice-president.

In 1966 Renouard retired after more than 50 years of service to The Anaconda Company and the mining industry. For his achievements in the industry, the American Institute of Mining, Metallurgical and Petroleum Engineers awarded him its highest metal mining honor, the William L. Sanders Gold Medal.

Former Butte Mayor Tom Powers recognized Renouard's "great contribution to his City, State and Nation" by proclaiming June 2, 1966 Edward J. Renouard Day.

Until his death in 1971, this loyal, energetic man continued to support the organizations in which he believed. He was a member of the AIME and in 1959 was national program chairman for the American Mining Congress.



Sigma Rho Fraternity House - 847 W. Park

## Sigma Rho Frat Attempts to Burn Down Present Living Quarters

Fireman answered a call at 4:45 p.m. Monday, November 6, at the Sigma Rho Fraternity house. The three story building was filled with smoke, and a number of guys lost their cool. Luckily, the fire caused little permanent damage, and the residents were not forced to move. The building is presently occupied by student fraternity members.

The trouble began when a main floor fireplace was put to use as a heating unit. The heating system in the house had not been working properly, so the boys utilized the fireplace to keep warm. The new heating apparatus backfired and began using the underneath floor beams as firewood. The result was near disaster.

Firemen quelled the blaze after two hours of labor. Local contractors will be hired to restore the damaged floor.

The Rho house fire did not put smiles on anyone's face, but it at least aided in breaking the monotony of one more day. The restoration will give the Rho boys another project to utilize their time.

## Public Events Committee Ponders

The Public Event Committee met to decide what should be done with the 1972-73 allotment of money. The committee is allotted \$1,000.

Plays were quickly ruled out since the school has lost money on them in the past, and students fail to show an interest in them. The most difficult problem was deciding just what the students would be willing to attend. The committee concluded to check with the student body.

Speakers were discussed. The problem here is that most well known or worthwhile speakers would charge over the allotted amount. Some kind of compromise would have to be made in this area. It was decided that a committee member would check with MSU and U of M to see if some sort of agreement could be worked out with one or more of their speakers. The meeting ended on this note.

The committee welcomes any suggestions a student or students may have. The members of the Public Events Committee are: professors Catenaro, Holdsworth, Albertson and Griffiths. Other members include Mr.

## ASMT Labors

by Kim Bowden

At the first November meeting of the Executive Committee of the ASMT held on November 1, the results of the student poll taken the same day were announced. The poll was to determine whether more student financing should be made to athletics, whether the amount should remain as it is, or if student financing of athletics should be decreased.

One hundred and four students voted for the increase; one hundred nineteen voted for a decrease; and one hundred and fifty-nine students voted to remain the same. A total of 46.8% of the student body turned out for the poll.

In other business, the Executive Committee voted to approve the appointments of the Magma staff as recommended by Charles Herndon, Magma advisor. The staff consists of Mary Ann Carling, Editor, receiving a salary of \$30.00 per month from October to June; Dan Daniels and Rand Rafish, Business manager, receiving no salary by request.

John Likarish was appointed as a student delegate to the FM Advisory Board being set up. The other student delegate, chosen last spring, is Doreen Williams.

Before the meeting was adjourned, Jack McCarthy requested that in the future, any information pertaining to student affairs have the name of the individual or group responsible printed on it. This, he stated, is to aid in determining the credibility of such information.



## Contest

\$25.00 prize for designing the reverse of the coin to appear in the Commemorative Book.

Design must reflect when and where the seed was sown leading to the creation of this institution. 1864 1st strike on Silver Bow Creek. Coin is same size as silver dollar. Designs to be submitted to Magma Office (SUB 119) no later than Nov. 27th. Winner will be announced before Christmas break.

"A man is known by the company he keeps. Kindness and honesty are contagious."

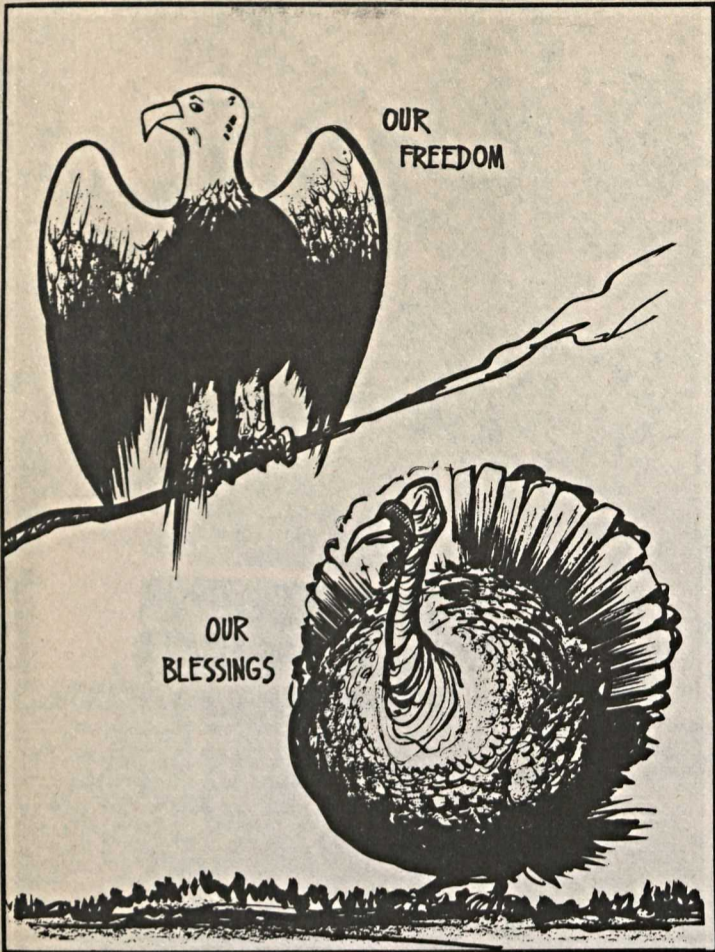
## Creativity Wanted

So you're creative — with pen or camera — and no one cares.

Send your articles to the Amplifier. We'll treat them with respect. If they're good, we'll print them.

Mr. Taylor's office, Main 117, will be the collection point.

Howell, Kelly and Dr. DeMoney. Student Representative is Irene Rogers, and the chairman for the committee is professor Ralph Smith.



**THANKSGIVING, 1972**

All of us can be proud of and thankful for our remarkable heritage, our many blessings, and our hopeful future.

With hindsight we can quibble about some of the actions of our forefathers, but we should be forever grateful that they fought for freedom and won, that they sought and achieved a government responsible to the public will, and that they developed a competitive economic system under which our people have grown and prospered.

George Washington's call for "humble thanks" in his first Presidential Thanksgiving Proclamation asked his countrymen to pray for forgiveness of "our national and other transgressions," for performance of their duties "properly and punctually," and for a "government of wise, just and constitutional law, discreetly and faithfully executed and obeyed."

The Father of our Country urged his people to pray for other nations "to bless them with good governments, peace, and concord; to promote the knowledge and practice of true religion and virtue, and the increase of science among them and us; and generally, to grant unto all mankind such a degree of temporal prosperity as He alone knows to be best."

**What is our School Song?**

The following are Tech's school song and school fight song. They are dull, dry and boring. Why doesn't someone compose a few new songs. They are badly needed. Doesn't Tech have any musical talent at all?

**"Forward Tech"**

SING:  
Forward Tech!  
You've gotta go forward Tech!  
Let's make this game a  
Vic — tor — y.  
Rah! Rah! Rah!  
Hail to the Copper  
Hail to the Green  
Hail to the Orediggers  
Whose praise we sing.  
It's forward Montana Tech  
We'll win this game.

YELL:  
Yea Copper!  
Yea Green!  
Come on Orediggers  
Beat that team!

SING:  
Forward Tech!  
You've gotta go forward Tech!  
Let's make this game a  
Vic — tor — y.  
Rah! Rah! Rah!  
Hail to the Copper  
Hail to the Green  
Hail to the Orediggers  
Whose praise we sing.  
It's forward Montana Tech  
We'll win this game!

\*—To the tune of "South Rampart Street Parade" (pepped-up version)

**School Fight Song**

Sturdy as the mountains,  
dauntless as the tide  
Hail all you Miners,  
fearless and tried:  
from mountain peaks to foreign shores  
famed in conquests wide  
Hail all you Miners, All Hail All Hail!

Lift the loyal chorus,  
loud their praises ring  
Hail all you Miners,  
to thee we sing,  
On ev'ry field of battle triumph,  
Alma Mater dear:  
Hail all you Miners, All Hail All Hail!  
and from the Rockies comes the echo,  
Thund'ring back again:  
Hail all you Miners, All Hail All Hail!

**Want Ad**

2—800x14 studded whitewall, recap snow tires. Complete with Chevy wheels. Only \$40.00. Call 792-6525.

**Film Schedule**

Engineering Science Department film schedule.

These will be here all week and are available to anyone who wishes to use them.

They are listed by week, title, sponsor and running time.  
Nov. 27, "To Be Forged", Forging Industry Assoc., 25 min.  
Dec. 4, "Fury of the Winds," Bethlehem Steel, 30 min.  
Jan. 2, "The Body Builders," Fisher Body, 35 min.  
Jan. 8, "One At A Time," Remington Arms Co., Inc., 25 min.  
Jan. 15, "Skylines," Bethlehem Steel, 30 min.

**Movie Schedule**

Movie	Date
Trog	12-8
Taste The Blood of Dracula	12-8
Frozen Dead	12-8
Eva—Everything But Legal	2-9
McCabe and Mrs. Miller	3-9
Upwind, Down Under	3-23
Summer of '42	3-23
The Devils	4-13
Billy Jack	5-11

This is a tentative schedule of the movies coming this school year.

**Hi! With a Smile**

Our friendly Spurettes are spreading happiness on campus from the enthusiasm they got from the Spur's Region I Convention at the College of Great Falls November 3 and 4. The Spurettes earned a day and half vacation from their fall projects! During football games the Spurettes worked in the concession stand and for homecoming made cupcakes to sell at the game. The Spurettes helped during Freshman Orientation and put many hours in at registration. Pumpkin greetings for the faculty and spooky Halloween letters to Freshmen girls made the Spurettes' Halloween complete.

Even sophomore girls couldn't escape a retapping letter from Spurettes and a come as you are breakfast party for the tappees. It's been a busy and fun Spurette fall with much more still to come.

**Mobil Oil Corporation Presents \$1,000 Grant**

Mobil Oil Corporation has presented a \$1,000 grant to Montana Tech's Department of Petroleum Engineering.

The grant was approved by Mobil's Scholarship and Fellowship Committee and use of the grant is unrestricted. The award is in accordance with the practice of making departmental grants rather than student scholarships.

In accepting the grant Dr. DeMoney stated, "I am delighted to learn of this grant to the petroleum department. In these times of financial stress for all colleges, such material aid is of inestimable value to us."

**Metal Content Of Fish**

The atomic absorption spectrophotometric analysis of heavy metals in fish was the topic of a Sigma Xi lecture at Montana Tech.

Dr. Wayne Van Meter, professor of chemistry at the University of Montana, addressed the Sigma Xi Club in Room 216 of the Metallurgy Building. His talk was open to the public.

Van Meter's talk dealt with findings which indicate that fish from the upper Clark Fork River Basin contain higher than normal concentrations of certain heavy metals. These fish, he noted, often occur at sites which have a history of mining activity.

**Tech Graduate President Altana Exploration Co.**

D. K. Percival has been named president of Altana Exploration Company, a subsidiary of the Montana Power Company.

Percival, a petroleum engineer, is a 17-year veteran of the Montana Power Company. In that time he served as an engineer in Cut Bank and Butte and recently has been an administrative assistant in the gas department. Percival's new offices are in Calgary.

A graduate of Montana Tech, Percival also attended Miami University and the University of Mississippi. He is a member of the Montana Society of Engineers, the Society of Petroleum Engineers and has been active in Presbyterian church affairs.

**New Pop Wines Ousting Beer**

The type of drinking that takes place up on the Tech Hill is slowly changing. The so called pop wines are taking the place of the staple beer. Although beer is still at the top of the list, pop wines are rapidly moving in.

One of the first pop wines on the market was Bali Hai. It reached its peak in the mid 60s selling 2 million cases annually. Bali Hai now has competitors Key Largo, Annie Green Springs and Boone's Farm Strawberry Hill.

Boone's Farm is quite popular at Tech's social events. It has a low alcoholic content and an exciting taste. Boone's Farm can be purchased in any local bar for \$1.65.

Total pop wines account for about 17 percent of all U.S. wine production. These wines are of great importance to vintners because they serve as introductory beverages for young adults who later tend to become table-wine drinkers.

**Campus Bars Gain Popularity**

In the age of smoke-filled rooms, there are still college students who feel they should be allowed to drink on campus.

The student senate at Keene State College recently passed a resolution calling for an on-campus "over 21" club in which alcohol would be served. The proposition is expected to be presented to the president of the college in about a month, then to be passed on to the college senate and finally to the Board of Trustees.

The sentiment among the trustees is favorable to the proposal, according to David Gagne, KSC student and Board of Trustees member.

The Plymouth State College Student Senate passed a similar proposal last year which was tabled by the Board of Trustees. Debbie Neuhauser, president of the Keene State Student Council, reported that discussion between PSC, New England College and the New Hampshire State Liquor Commission has shown the commission in favor of the on-campus clubs.

"They see it as curbing drunken driving of some college students," she said.

She also said that the commission favored the "non-profit aspect of the clubs." The money made in the clubs, according to the current proposals, would help fund the student unions of the two schools.

Sources at Keene State College say that the only real conflict is where the pub will be located, as there is some objection to placing the club in the "already over-crowded Student Union building."

Possibly, this problem will be worked out when the proposition is sent to the Student Union Board prior to its acceptance or rejection by the college president.

**FM Radio Station Starts Digging**

Sunday, November 5, students involved with the campus FM station dug in and did their job. A trench was dug to connect the FM studio, located in the SUB, to the transmitter, to be located in the attic of the gym.

Fifteen students showed up to dig the nearly 200 foot trench. Those participating were Trick West, John Storrud, Dale Williams, Gary Compton, Kim Bawden, Linda Rossmiller, Mary Ann Carling, Alan Hutt, Harvey Krebs, Mike Garverich, Richard Flynn, Joe Rohan, Andy Chadwick and Steve Ziegler.

Crews worked from nine that morning until five that afternoon digging through the pavement and the dirt.



Prof. Tom Lester

**The Mystery Man**

by Toni Kornec

The similarity of scribbling down football plays and writing a dissertation is about as remote as a football coach and a professor with a doctorate in education. Yet, there is a man among us who has struggled down that long, nerve racking road from a football coach to a professor working toward his doctorate.

By struggle I mean three hot summers living with four children and a wife in a 15 foot camp trailer in Missoula while attending classes at the University of Montana. By nerve racking I mean Christine, 13; Dennis, 12; Mike, 9; Steve, 5, and a wife, namely Betty. "But it was fun. The shower was a block away. Everything was a block away!" the man-among-us informed me.

Obviously the professor loves children. He enjoys watching spook shows with the kids or taking the whole gang, including the neighbor kids, fishing on weekends. Our professor likes to fish for relaxation because there are no telephones in the sticks to disturb him.

Besides teaching philosophy, education, English comp and sociology our superman supervises cadet teachers in Butte. This is strictly on a voluntary basis. Also, much time is spent by our mystery man writing his dissertation which he has slaved over for two years. In spite of all his activities the man-among-us finds time to play chess. "I'm not good at it, but I like to play," he claims.

If you can't catch him running from class to class on the campus, the professor can be found in his office bugging his partner, Mr. Maney. Now can you guess who our mystery man is?

Good luck with your dissertation Mr. Lester!



BARBARA HAYES - Sophomore Class 1972 HOMECOMING QUEEN

## Recommendations On Financial Matters

- The ASMT shall not be responsible for any deficit spending of any class, club or organization when that deficit spending has not been approved by the Executive Committee of the ASMT.
- To facilitate control of appropriation monies, the following steps are to be taken:
  - No class, club or organization shall spend any amount without a "properly endorsed" requisition.
  - "Properly endorsed" shall mean:
    - Upon request, the MCMS&T Business Office shall determine if the balance of the class, club or organization is adequate to cover the amount desired.
    - Having affirmed sufficient funds, the Business Office will encumber the requested amount from that class, club or organization's appropriation and indicate said figure under "Approximate Amount" on the requisition sheet.
  - Upon receipt of the exact amount of the debit, the Business Office shall adjust that class', club's or organization's appropriation balance accordingly.
- The Executive Committee shall poll the student body of Montana Tech to determine which one of the three minor sports (basketball, track, or wrestling) should be funded.
- Because football and basketball schedules were established prior to the convening of this committee, and; Because these two varsity sports have suffered severe cuts in requested amounts, and; If gate receipts do not exceed expected amounts; then; The Executive Committee shall cooperate with the Athletic Department in determining a source of revenue to offset any deficit spending resulting from contracts signed prior to the Executive Committee's approval of these recommendations.
- Three policy changes should be made to improve CIC operations:
  - A CIC Chairman should be appointed in the spring to facilitate planning of CIC activities.
  - A reasonable amount should be appropriated to the newly elected CIC Chairman each spring to allow booking of concerts, lectures, movies, etc.
  - To defray the rising cost of rental movies, the admittance charge to said movies should be raised from 25c to 50c per student.
- Under the basketball budget, a sum of \$2600 is enumerated for Civic Center rent. This amount is to be set aside under the special heading "Civic Center Rent" and is to be used for no other expenditures.
- A sum of \$300 will be appropriated in amounts up to \$25 for the use of any club, organization, or class in purchasing decorating materials for floats or cars entered in Montana Tech's Home Coming Parade October 28. Any unappropriated amount will revert to the General Fund.
- The total appropriation for the intramural program (\$300) will be used as a salary to be paid to a certified lifeguard who will be employed by Montana Tech to perform his or her duties as assigned. This recommendation is based upon advisement by Coach McMahon that no additional funds are needed to fund the Intramural program at this time.
- All classes, clubs and organizations wishing to sponsor a dance will do so in conjunction with the Dance Committee. Expenses in addition to band and police will be defrayed by the sponsor.
- This committee would suggest that the Handball Club be well received by the Executive Committee in its request of funds for revamping of the handball courts.

As can be seen by the totals for Amount Requested and Amount Available this committee was charged with the task of trimming \$24,642.66 from 35 budgets. This committee feels all concerned have been treated fairly and should any questions be forthcoming, this committee will be more than willing to respond.

For the Committee: Joe Holland, Chairman Appropriations Committee  
 Members: Ed Pettigrew, Tom Sikes, Bill Rickard, Norman Giese, Janice Bossard, Dan McElroy, Kermit Behnke, Steve Szehura, Rich Merideth, Mike Bowman, Dan Mahoney.

Club or Organization	Request Submitted	Recommended by Committee
ATHLETICS:	\$29,175.61	\$15,222.00
Football	14,808.61	3,722.00
Basketball	7,867.00	1,500.00
Minor Sports	6,500.00	4,000.00
CIC	7,898.00	1,750.00
DEBATE	1,953.00	308.00
CHEERLEADERS	520.00	50.00
FRESHMAN CLASS	90.00	25.00
SOPHOMORE CLASS	540.00	25.00
JUNIOR CLASS	35.00	25.00
SENIOR CLASS	425.00	50.00
SKI CLUB	100.00	125.00
SPURETTES	100.00	300.00
CLIMBING CLUB	769.00	50.00
CIRCLE K	300.00	450.00
COPPER GUARDS	750.00	250.00
AWS	1,170.00	200.00
TREES	500.00	175.00
BAND	603.00	50.00
MINERAL CLUB	209.65	350.00
AIME	850.00	2,500.00
AMPLIFIER	3,500.00	75.00
ASM	200.00	200.00
BIOLOGY CLUB	501.50	100.00
WRA	300.00	125.00
HANDBALL	500.00	1,600.00
DANCE COMMITTEE	—	300.00
INTRAMURAL	802.90	500.00
ASMT	1,000.00	50.00
SEG	70.00	25.00
CHESS CLUB	255.00	50.00
INTERNATIONAL CLUB	270.00	25.00
GLEE CLUB	100.00	25.00
HISTORY CLUB	155.00	600.00
BUSINESS OFFICE	600.00	2,600.00
CIVIC CENTER	2,600.00	300.00
HOME COMING	300.00	20.00
COMMITTEE EXPENSES	—	—
<b>TOTALS</b>	<b>\$57,142.66</b>	<b>\$32,500.00</b>

"Some people are so anxious to make a living that they've forgotten how to live."

"To be born a gentleman is an accident, but to die one is an achievement."

## There is Future Hope for Cafeteria Food

Tech's new cafeteria shares a food problem with a number of other state and American colleges. The food just cannot compare with what mom used to cook at home. Cafeteria food fails to contain even a trace of TLC (tender loving care).

Institutional food carries a low financial priority, and cooks are hired to cook in quantity, not quality.

Jokes emerge about the chicken delight which may be chicken but sure is not a delight, the roast beef that is roasted, but where is the beef?

At Yale, a whole new guessing game has begun. The dining halls have introduced "meat analogs," vegetable proteins which supposedly look, smell, and taste like meat.

Dietary consultants report that meat substitutes such as "soybean steak," boast an impressively high protein content. Yale also hopes to save "thousands of dollars" on its meat bill while providing optimum nutrition.

Albert Dobie, director of Yale's dining hall, has held "tasting parties" to test his meat analogs in the proper spirit, and the results have been positive.

So cafeteria food problems can be solved one way or another. The courses of action that can be taken are limitless. Food does not always have to be expensive to be tasty. A food imagination is all that is needed.

## Food for Thought

by Mary Ann Carling

Pamphlets distributed by student wives during Oct. 28th Homecoming Parade read— SEEING IS BELIEVING —Drive to 1221 West Porphyry and See... You'll believe!!! It is true most of these people will not be around this campus to live in new married student housing, but it would be NICE to have something available for their children should they ever consider gracing these hallowed halls. It is truly possible in this day of Rockets to the Moon, Air Conditioning and Running Water, that there are only a few people who know or realize that the temporary housing built almost 30 years ago is still being used and has not actually been condemned by the State Board of Health. For many years this school and its students have been at the bottom of the pecking order, let's face it, its time for a change. MAKE A POINT TO FIND OUT WHAT'S GOING ON AND TAKE PART...

Another closely guarded secret on this campus is the outcome of Doman vs. Montana State Board of Regents. The case apparently is waiting appeal, but at the sound of the first bell Dr. Doman had won the first fall. It would be of interest for any student, or for that matter anyone interested in the future of this institution to read the transcript of the trial just to see what policies have been put forth. Pretty shaky for any person to venture forth under any banner let alone that of truth and beauty without the security blanket of TENURE...

NOTE — once again, the apparent losing battle we have been having with our nickname, it's now being flung about the airways. This reporter was appalled to hear a local TV sportscaster refer to us as BUTTE TECH. It is just possible he needs to be enrolled in some course of stacking beebes at Butte's Vo-Tech if they'd even take him. Otherwise, forty lashes with a broom handle on his jelly head.

Please tell this reporter if arrangements are or will be made to keep all the cement which was planted last spring between the buildings free from mounds of snow. It stands to reason that the less snow tracked inside, the easier to keep those buildings CLEAN.

... It is of some note to CAMERA BUGS, save all your pictures... both on and off campus stuff and activities. The magma office is running another contest for the very best first and second place pictures. All pictures used will be granted a photo BYLINE. The actual prizes will not be announced until sometime in March. The pictures are needed now, so share them with others, turn them into the Magma office (SUB 119) as soon as possible...

From the Dean of Students office... A notice of Room and Board for a woman student in a private home in exchange for help with household chores. For further information, check in the Dean's office.

See you in the funnnnnys...MAC



## Man on Wheels

"These bladder-wheeled devices of the demon of darkness are contrivances to trap the feet of the unwary and skin the nose of the innocent. They are full of guile and deceit. When you think you have broken one to ride and subdued its wild and satanic nature, behold it bucketh you off in the road and tearth a great hole in your pants."

This opinion of the bicycle, expressed in a Sunday sermon in Baltimore in 1896, did not reflect public consensus. This is shown, conclusively and oftentimes hilariously, in A Social History of the Bicycle by Prof. Robert A. Smith (American Heritage Press, \$9.95).

What began as an attempt to discover the sources of the bicycle craze of the Gay Nineties evolved into a lighthearted but scholarly study of the

impact of the cycle on American culture, and the extensive heritage the "craze" left behind. A professor of Social Sciences at California State College in San Bernardino, the author treats the origins of the two-wheeler, impact of the machine on the economy, morals, transportation, sport, highway improvement, dress reform, communications — the whole thing.

"The primary value of the book for the reader is twofold, I hope," says Prof. Smith. "First, it will bring pleasure, an occasional laugh, and maybe a better understanding of the lives of our grandfathers or great-grandfathers. Second, it may provide a better understanding of the reader's own times by showing how a machine influenced our contemporary lifestyle."

Some 100 illustrations enhance the witty, stimulating text.

## Mexican Mining Profs Visit Tech's Mining Dept

Estanislaw Zarate, director, Escuela De Minas De Universidad De Guanajuato, and three other professors of mining engineering from the Mexican school are conducting a 17-day tour of mining districts and mining engineering schools in the United States and Canada. Accompanying Zarate are Antonio Nieto, Eduardo Villasenor and Jesus Baltierra.

"Our purpose," stated Zarate, "is to see the organization of schools of mines, the way you teach here in the United States and in Canada, the techniques of mining engineering and to see your laboratories and equipment and what you are researching now and to learn about your classes and future plans in mining engineering."

In touring the mining districts, the professors are seeking out kinds of mines that Mexico does not have. In Canada, for instance, they visited an asbestos mine where they were able to study the process used to concentrate this mineral. In Mexico, asbestos mines are nonexistent. Nor does Mexico have chromite mines, added the spokesman who said the professors hoped to see one while in Montana. The Mexican educators probably viewed the chromite mine south of Big Timber.

By taking this tour, Zarate explained, the group hopes upon its return to Mexico to be able to "try to make some improvements in our school. Our school, which is the principal school of mines in Mexico, is about 140 years old, and our conditions are very different — also our metals."

One of the areas in which the professors particularly hope to put to use the knowledge they take home is research. According to Zarate, the university at Guanajuato does not have the equipment to carry on much research but "we are trying to grow up in that way."

A memento was left in Butte by the Mexican mining professors. They gave to the Montana Tech Mineral Museum a small collection of mineral specimens. Dr. Richard Berg, curator of the museum, described them as "very nice — well-cared-for and unbruised." Among them are samples of quartz, amethyst, pyrite and the fairly rare adularia, a variety of feldspar. Within the next month the collection will go on display in the museum.

In return for the graciousness of the Mexicans' gift, the museum will send to the Universidad De Guanajuato a collection of minerals typical of the Butte area.

**AMPLIFIER STAFF**

**EDITOR—IRENE ROGERS**

**REPORTERS—MARY ANN CARLING, SUSAN SORICH, PHYLLIS STOUT, TONI KORNEC, KRIS WILLIAMS, CATHY MULHOLLAND, KIM BAWDEN**

**PHOTOGRAPHER—KENNETH STOCKS**

**SPORTS EDITOR—JOE MENICUCCI**

**ADVISOR—ROBERT T. TAYLOR**

Published fourteen times during the academic year by the Associated Students of Montana College of Mineral Science and Technology, Butte, Montana 59701. Opinions expressed in this issue are not necessarily those of the general student body.

Entered as second class matter on January, 1960 at the post office in Butte, Montana 59701 under the act of August 12, 1970, Section 3685, Title 39.

Printed by Associated Printers, Butte, Montana

## Support of Athletics Students Favor

Students at Montana Tech have voted in favor of continuing support for athletics at the college.

Of the 46.8 per cent of the student body that voted, 69 per cent indicated they are in favor of maintaining or increasing student fees for athletics. The vote was taken in conjunction with similar elections at all of the Frontier Conference schools. According to Tech student body president John McCarthy, each of the colleges reported results much the same as those at Tech. No school indicated a lack of student support for athletics, according to the elections.

A further breakdown of the results at Tech showed 104 students demonstrating a desire to see athletic fees increased, 119 wanting a decrease in them and 159 voting to maintain the present student fees for athletics. This means that 263 of the 382 voters seem to be in favor of Frontier Conference sports at Montana Tech.

McCarthy noted that the student money is used for incidental expenses associated with athletics and not for such items as scholarships. He said that the recent vote will be taken into consideration by the appropriations committee when it meets next year. This year's athletic programs will not be affected in any way by the vote. He also mentioned that Tech is the only school in the State that does not designate certain percentages of its funds for certain extra-curricular programs. "However," he said, "we feel that everyone is dealt with fairly."

## Incurable Disease Sickle Cell

Over two million Americans have been born with sickle cell disease, an affliction which has no cure, is difficult to detect, is treated with limited success and has tragic sociological and psychological effects. Despite all these strikes against them, scientists are learning how to cope with the long-neglected illness, says the October SCIENCE DIGEST. Genetic counseling, mass screening and new treatments using urea and cyanate offer some hope until the day when microgenetic engineering—chemically changing the makeup of genes—will eliminate this and all genetic diseases.

## Artificial Ocean Tests Oil Spill Cleanup

An "artificial ocean"—complete with its own wavemaking machinery—will be built in New Jersey by the U. S. Environmental Protection Agency, to test equipment for cleaning up spills of oil and other hazardous materials.

The \$1.8 million concrete test tank—measuring 600 feet long and holding more than two million gallons of water—will be the only one of its kind in the world.

The test facility, to be completed by May, 1973, will be built on a five-acre marshland site leased to EPA by the Earle Naval Ammunition Depot in Leonardo, New Jersey, located on the south shore of Raritan Bay.

Known as OHMSETT (Oil and Hazardous Systems Environmental Test Tank), it will test new types of booms, skimmers and other devices used to contain and clean up spills.

In order to test the various devices under realistic conditions, the OHMSETT facility will be equipped with a wave generator, to produce regular, irregular and "confused" waves up to two feet high.

The tank, 65 feet wide and 8 feet deep, will contain about 2.6 million gallons of water drawn from Raritan Bay. A tracked bridge spanning the tank will tow test equipment lengthwise down the tank at speeds of up to six knots.

Data will be transmitted to a small control building for recording and processing. Some water quality analyses will be done in a small laboratory near the tank.

The data collected from OHMSETT will help EPA reduce the harmful inorganic pollutants upon beaches and pact of accidental discharges of hazardous marine environment. Such spills have become a problem of major dimension for America's lakes and coastal waters.



Bottom left to right: Steve Stevens, Chuck Myers, Scott Lyng, Byron Spoor, Ted Ackerman, George Wood, Scott Wood, Jeff Kline. Top: Asst. coach Jeff Kester, Paul Appel, Mark Dooley, Gerald Kenczka, Gary Weber, Paul Pryor, Glenn Patrick, Pat Foley, Gary Becker, and Coach Terry Battenberg.

## Dinosaurs Rumbled and Lost

The Montana Tech Oredigger basketball team opened their 1972-73 season with a pair of victories over the Dinosaurs of the University of Calgary. The "new look" Orediggers blitzed their way to the victories using a pressure defense and fast moving offense which caused many Dinosaur turnovers and fouls.

In the Friday night game Ted Ackerman led the team in scoring with 19. He was followed by Steve Stevens and Paul Appel in the double figures each with 14. The Orediggers had a narrow two point lead at half-time but increased it by seven in the second half for the 77-68 win.

In the Saturday game Tech was able to take a large early lead and coast to a 95-75 win over the Calgary school. Leading scorers in the Saturday game were Paul Appel with 18, Pau Pryor, 15, Ted Ackerman 13, Steve Stevens with 11 and Gary Weber with 10.

## A Pill for a Pigeon

Victoria, B.C., recently began using an experimental chemically-treated corn containing a birth control substance to deal with an alarming rise in pigeon population. In response, one pigeon-loving bard penned these lines: "Victoria pigeons, beware, Of the corn that is fed in the Square! Don't fly in to get it, It's estrogenic, And soon there'll be none of you there."

## Ruthless Paradise is Destroyed by an Ardent Digger

One day God made an inventory of all the activities in Heaven—a kind of celestial Domesday Book. He was shocked to discover that General Digger of the Corps of Engineers and his colleagues were draining and damming a section of Paradise.

God called them up immediately: "Digger, what are you doing up here?"

"I've got my orders, God. Me and the boys are improving Paradise."

"But how can you improve Paradise, Digger? And who sent you up here?"

"The Devil did. We're just following orders."

God immediately called the Devil: "Aren't you a little out of your territory?" He asked. "What's Digger and his crew doing up here?"

"They're bringing progress to Paradise," replied the Devil.

"You can't bring progress to Paradise, Devil! I won't allow it!"

"Sorry, God. You let a few folks in who want to improve the environment up there, and we're just the bunch to do it. As long as there's a demand for more dams, my boys will carry out the bad work."

"All right, Devil," sayeth the Lord. "I was hoping we could settle this like two mature Spirits. But I see you want a fight. I'm bringing legal action, and I'll start with an injunction against Digger's draining operations."

Evil laughter came from far below.

"Is that so, God? And just where do you think you're going to get any lawyers."

## 7 Returning Letterman Basketball Team

The Montana Tech basketball team will revolve around the nucleus of seven returning lettermen. The lettermen include Senior Gary Weber from Deer Lodge, Juniors Steve Stevens, Butte, Ted Ackerman, Great Falls, Chuck Meyers, Hingham, Glen Patrick, Hingham and Sophomores Paul Prior, Great Falls, and Jeff Kline, Fort Wayne, Indiana.

The Basketball team is coached by Terry Battenberg and Jeff Kester.

## Coca-Cola Substitute for Beer in Poland

Coca-Cola may be insidiously capitalistic, in the eyes of most communist country governments but the Polish government views Coke as the answer to a growing alcoholism problem in that country.

The Polish government recently asked Coca-Cola to sell their product in that country as a competitor for the large teenage beer and vodka market. Pepsi-Cola will also be sold, but as the official organ of the Polish Communist Party explained, "It just doesn't taste the same."

## Support is Needed "Project Recycle"

The community and area-wide project for recycling tin cans and newspapers has been underway at the college for two weeks, but help is needed to make it a success. Mark Bossard, Cam Balentine, Bob Blakely and Bob Stump, Tech environmental engineering students conducting the recycling program, remind Tech students that a marked truck is parked around Butte during the week to collect the cans and papers.

Between 9 a.m. and 5 p.m. on Mondays, Wednesdays and Saturdays the truck will be parked at various spots in town for the convenience of persons with cans and paper to drop off. It will be in Albertson's parking lot on Mondays, the Butte Plaza on Wednesdays and at the Montana Tech football stadium parking lot on Saturdays.

Students request that the newspapers be bundled and that the tin cans be free of paper labels, clean and crushed. Only newsprint and cans made of tin may be accepted at the present time.

After the cans are collected they will be purchased by The Anaconda Company which will use them in its copper precipitation plant. The newspaper will be sent, for instance, to a paperboard plant.

The environmental engineering department at Tech plans to break even on its newspaper recycling, and money from the sale of the cans will be used to assist other projects under development by Tech's environmental engineering students.

Say the four working on "Project Recycle," "This is our response to a social need."

## Season Completed on a Gay Note

The Montana Tech Orediggers finished the 1972 Frontier Conference season with a last second victory over Rocky Mountain college Saturday, October 28. The Orediggers came from behind to win the homecoming game on a 21 yard field goal by Freshman Danny Baisa, 16-14. Tech's two touchdowns were scored by Junior Bob Blakely from one yard out and by Buford Waterhouse on a 68 yard pass play from quarterback Chris Showers.

The win gave the Orediggers a tie for the Frontier Conference crown with Carroll College. Both teams ended the season with 3 wins and one loss in Conference play

## Orediggers Score Again

The Montana Tech Orediggers defeated the Dickenson State Savages in Dickenson, North Dakota Saturday, November 5, by a score of 20-3. Quarterback Chris Showers led the Orediggers to victory running for two touchdowns and passing to split end Buford Waterhouse for another. The Tech defense held the Savages to 172 yards total offense while intercepting four passes and recovering two fumbles.

The Orediggers will close out their 1972 season Saturday, November 18 against Oregon College of Education in Monmouth, Oregon.

## Basketball Schedule

xNov. 10-11	University of Calgary
xNov. 21	College of Great Falls
Nov. 24-25	Lewis and Clark
Dec. 1-2	University of Calgary
Dec. 7-8	Columbia Basin College
Dec. 16	College of Great Falls
xDec. 18	Vaughn Reality
Dec. 19-20	University of Alberta
Dec. 28-29-30	Chadron St. Tourna
xJan. 8	Western Montana
Jan. 12-13	Eastern Montana
xJan. 20	Northern Montana
xJan. 25	Carroll
Jan. 27	Carroll
Jan. 30	Rocky Mountain College
Feb. 2	Western Montana
xFeb. 8	Eastern Montana
xFeb. 10	Carroll
Feb. 13	Western Montana
xFeb. 16	Rocky Mountain College
xFeb. 17	Rocky Mountain College
Feb. 23-24	Northern Montana

x—Denotes Home Games

1	2	3	4		5	6	7	8	9		10	11	12	13
14					15						16			
17				18							19			
20				21					22	23				
			24					25						
26	27	28					29					30	31	32
33						34						35		
36						37					38			
39				40							41			
42			43						44					
			45					46						
47	48	49					50					51	52	53
54						55	56				57			
58						59					60			
61						62					63			

By EDWARD JULIUS

### ACROSS

- Arabian Ruler
- Movable Helmet Piece
- Wise Man
- Headland
- Pygmy Antelope
- Journey
- Theatrical
- Anger
- Yoko
- Skin Ailment
- Works with Dough
- Young Kangaroo
- On the Ocean
- "Caesar" Conspirator
- Moorish Palace
- Coral Island
- Laurence
- Women's
- Talk Wildly
- South American Parrot
- Gainsay
- Prefix: Over
- Cupolas
- Book of Old Testament
- Shut Off
- Haphazard
- Imitated
- Demolish
- Poor One
- Sheet Music Term
- Japanese Coin
- Poisonous Snakes
- Improve
- Brake Part
- Wearies
- Dr. Frankenstein's Aide
- Take Care of
- Live
- Part of Body (Sp.)

### DOWN

- Reverberate
- Water Pipe
- Facto
- Soak
- Expresses
- Sarcasm Device
- Trigonometric Ratio
- Japanese Sash
- Oriental Carriage
- of Consciousness
- Operatic Solo
- Castrate
- Out a Living
- Wan's Name
- Close to
- Reject
- Otherwise Called
- Ventures
- Troop Encampment
- Section
- Curved
- Harmonize
- Beagle
- Bottomless Pit
- Well-known
- Preside Over
- Eat
- Cheat
- Toy Musical Instrument
- Became Forfeit
- Bigoted
- Functions
- Bygone
- 1968 Tennis Champ
- Atop
- Mythological Elf
- Tale
- English College
- Roman Emperor
- Cowboy Tom
- Basketball Hoop