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The New Greenhouse


greenhouse germinates
The completion of a new greenhouse will enable biology, zoology, ecology and genetic classes to be explored to a greater depth.
Within the 74 feet by 20 feet building, various exotic and native plants will be grown and studied. The high humidity enclosure will include a water fall and a fish tank. The Biology Club gathered to build a rock waterfall, from which will be grown native algae and mosses from local mountain areas.
If completed by this summer, the construction will be conducted in the greenhouse in reclamation of mine tailings. Knuckey Construction is in charge of building the facility, which has an estimated cost of $38,000.

Walks nets $9,000 Plus
Bills have been mailed to sponsors of the recent walk for mankind, and those who agreed to make contributions are encouraged to make their payments as soon as possible in order to facilitate bookkeeping procedures. Of the $13,000 pledged, about $8,000 has been received. Checks may be made payable to Project Concern, Walk for Mankind, and sent to Walk Treasurer Laura LaPalm at 240 Gladstone, Butte. Cancelled checks will serve as receipts.
Ten percent of the money collected will go to the Project Concern, a non-profit medical-dental organization which operates clinics and hospitals in this country and in several foreign nations, including Vietnam.

Graduation Free, If You're Fast
This year, for the first time, tickets will not be necessary to attend commencement exercises at Montana Tech.
Seats for the June 4 graduation ceremonies will be available on a first-come-first-served basis.
Activities will begin June 2 with a dinner for graduating seniors and their fathers. Seniors are asked to make reservations for the banquet by May 20 to the President's office.
The following afternoon will be the senior luncheon, pictures with caps and gowns and commencement exercises. That evening Montana Tech alumni will have their annual banquet.
Commencement will be the afternoon of June 4 and will be followed by a reception for graduates and their guests.
Hollis Dole, Assistant Secretary of the Interior for Mineral Resources, has served as acting director, state geologist and director of the Department of Geology and Mineral Industries of Montana.
Dole received his Bachelor of Science in geology from Oregon State University in 1940 and his Masters in the same field two years later. In 1954 he was awarded a Ph.D. in geology from the University of Utah.
Since March of last year he has been Assistant Secretary of the Interior for Mineral Resources. He has served as acting director, state geologist and director of the Department of Geology and Mineral Industries of Montana.
Dole has served on numerous publications, including government documents, and testimony presented to United States House and Senate Interior committees.
Dole is a member of the American Institute of Mining, Metallurgical and Petroleum Engineers; the American Association of Petroleum Geologists; the Association of American State Geologists; Sigma XI, and the Oregon Academy of Science.
Dole has served on many committees and advisory boards for state and Federal governments as well as regional and National associations connected with the minerals industry.

News and Views
Of Student Council
by Kim Bawden
The newly elected officers of the Associated Students of Montana Tech were installed in their offices at the Student Council meeting held May 10, 1972.
John McCarthy is the new president; John Likarish, vice president; Coleen Ward, secretary; Tad Dale, delegate A; Tom Hohn, delegate B; Mark Bossard, justice A; and Gary Munson, justice B. Tad Dale was selected to be the sergeant at arms for the council meetings, while Tom Hohn was selected as the parliamentarian.

Holliis Dole To Launch Tech Graduates June 4
"Minerals for the Second America" is the title of the commencement address to be given June 4 at Montana Tech by Hollis Dole, Assistant Secretary of the Interior for Minerals.
Sixty-four students are expected to receive degrees in undergraduate and graduate fields, five men will be awarded professional degrees and two honorary doctorates will be presented during Tech's seventy-second commencement exercises.
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Dole has served on many committees and advisory boards for state and Federal governments as well as regional and National associations connected with the minerals industry.
Five Alumni Will Receive Honorary Degrees Next Week

Honorary Professional Engineering Degrees will be presented to five alumni during June 4 commencement exercises at Montana Tech.

Leo Abell, consultant, Beech Technical Corporation, Hollandsworth, Michigan, is a self-employed mining consultant; Thomas Janic, manager, mining planning, Denver, Colorado, a consultant, U. S. Army Tank Automotive Command, and Frank Trask, Jr., chief geologist, new mines, The Anaconda Company, will receive the professional degrees.

Honorary Doctorate Degrees also will be awarded to Unoma Ndungu, distinguished editor for the Montana Bureau of Mines and Geology, and Hollio Dale, assistant secretary of minerals, for the U. S. Department of the Interior, who is the commencement speaker.

Abell, a native of Benning South Australia, attended Southern Australian School of Mines, graduated in 1925 from Adelaide University. Between 1934-35 he attended Montana Tech. He will receive the degree of Mining Engineering.

Abell is especially interested in mineral dressing investigations, operation and engineering problems. He was the first to head the American Institute of Mining, Metallurgical and Petroleum Engineers, the Australasian Institute of Mining and Metallurgy, and the Engineers’ Club of San Francisco.

Adelstein, a native of Tremonton, N. U., graduated in 1922 with a mining engineering degree. Between 1922 and 1932, with the exception of one year during which he attended Montana State University, Adelstein was employed by the U. S. Engineers. From 1922-1975 he was chief mining engineer for the U. S. Securities and Exchange Commission. In this position, Adelstein was involved in drafting rules and regulations and admitting policies, conducting mine examinations and investigations and determining whether the mining securities had taken place and if so making recommendations as to procedures. He will receive the degree of Engineer of Mines.

He is a member of the American Institute of Mining Engineers. He is president of the Montana Mining Association. He has served as president of the Montana Mining Association.

Trask was born in Deer Lodge working at Montana Tech in 1936 with a geological engineering degree. He also attended Ohio State University. He will receive the Geological Engineering degree.

In addition to his employment with The Anaconda Company, for which Trask has held positions in Montana, Chile, and Australia, he has worked for Compania Exploracion Company in Ecuador, Neptune Gold Mining Company in Nicaragua, the American Institute of Mining Engineers, the Mining Association of Montana, the Northwest Mining Association, the Idaho Mining Association and the Arizona Small Mine Operators Association.

Graduates Listed

Students planning to grab the sheepskin June 4 at Tech tentatively include:

- Charles N. Anderson
- Jack E. Barnes
- Creighton J. Barry
- Craig H. Beck
- Lawrence C. Baxter
- David W. Bennett
- William G. Blake
- Mary M. Bultman
- Guiseppe A. Caffarelli
- John V. Corra
- Gordon H. Crawford
- Mary C. Davis
- Terrence L. Davis
- Arthur L. Degenhart
- Mary Ann Dillon
- Joseph M. Doren
- James L. Fenton
- Antonette D. Freeman
- Stephen G. Galasso
- Victor F. Garrett
- Craig S. Garman
- Charles Gofford
- Edward P. Kavran
- Gary L. Knudson
- Peter C. Larson
- Steven C. Martin
- Anilkant G. Mehta
- Darrell D. Metz
- Tally G. O’Connell
- Robert D. Osman
- Frank J. Quilici
- George A. Rider
- Charles S. Roberts
- James L. Fenton
- David M. Knudsen
- Allan K. Solberg
- Michael J. Sullivan
- John N. Thompson
- Richard F. Taylor
- Anton J. Waldon
- Susan A. Walker
- Robert N. Worber
- Theodore Williams
- David O. Wittman
- Timothy Wood
- Michael P. Zora
Pet. Engineers Receive Grant

The Schlumberger Foundation of Houston, Texas, according to Clifton Iverson, executive secretary to the managers, has announced continued support of Montana Tech for 1973.

The Schlumberger grant was established last year through the efforts of Tech's Department of Petroleum Engineering. The 1973 grant will provide $1,200 for student aid and $600 for use as an unrestricted grant, reports Dr. William G. Halbert, head of the petroleum department. These amounts, he notes, represents a $300 increase relative to the Foundation's initial grant last year.

In his reply to Iverson, Tech Acting President Dr. Kenneth M. McLeod, "These grants will be most welcome since budget restrictions continue to be one of our major problems."

The Foundation is a division of Schlumberger Limited, a world-wide organization which provides services to the oil industry.

What Is A Boy?

by Mark Bunn

(Editor's note: Mark Bunn is a student in the new photography course being taught by Frank Young and William Howell. Mr. Howell stated that the course will be implemented into the regular curricula as a semester course beginning this fall. Mark Dunn, freshman, intends to pursue a photo-journalistic related field. His work is representative of that of the class.)

Between the innocence of babyhood and the dignity of manhood we find a delightful creature called a boy.

You can lock him out of your workshop, but you can't lock him out of your heart. You can't get him out of your mind; you might as well give up—he is your captor, your jailer, your boss and your master—a fun faced, pintsized, snow throwing, bundle of noise.

Boys come in assorted sizes, weights and colors, but all boys have the same creed: To enjoy every second of every minute of every hour of each day until they are packed off to bed at night.
APPLICATIONS WANTED FOR FALL SEMESTER

Students planning to enter college in the fall are reminded by Montana Tech Registrar Frank-Kohler that it is not too soon to begin preparation.

Because of the length of the time it takes registrars' offices to process applications, review transcripts and assign majors and I.D. numbers, the sooner students can begin in to the college of their choice completed application form, the easier the fall rush be- comes for the students and the registration offices.

High school seniors from Butte and the surrounding area who intend to enroll at Tech in the fall are reminded by Kelly that applications can be submitted at any time. Kelly says, also should request that their high school send a transcript of grades with the actual date of graduation and rank in class at the conclusion of this term.

Tech students are required to take the American College Testing examination. These scores also must be on file in the Registrar's office.

Students or parents with questions concerning the admission procedure at Tech should direct their inquiries to the Registrar's office.

Speech Scholarship

Awarded to Davis

The second Floor Store
Speech Scholarship, worth $100, has been awarded to Mark Davis, Butte High School junior, for second place in golf at Montana Tech this fall.

Davis, whose parents are Mr. and Mrs. Carroll Davis of Butte has won a number of awards in extemporaneous speaking at the high school. Mrs. Lucile Alt faculty advisor to Tech's speech and debate team, says the Davis youth comes highly recommended by his high school coach Mike Sullivan.

Davis also an excellent student, notes Mrs. Alt. He plans to participate in debate and in individual events at Tech next year.

The Floor Store award is the only speech scholarship available at Tech. Last year, when it was first awarded Ken Latych, Butte, was the winner.

A fresh man this year, Latych has compiled a good college record in speech and debate.

According to Mrs. Alt, "We are grateful to Mrs. Musgrove of the Floor Store for providing Montana Tech with this scholarship again. This year we have a fine group of begin- ners in speech and debate. They have made a good show- ing in nearly every meet. This scholarship is important to the caliber of new students attrac- ted to Tech and it supplies the rest of the speech and debate students with added incentive.

"The ability to communicate verbally is essential to each one of us, no matter what our field. We at Tech feel that we are developing an excellent forensics program for the ben- efit of all students."

Golfers Put
To Third Place

by Steven M. Daniel

On April 15 the Tech golf team competed for the Frontier Conference Golf Champi- onship against Northern, Western and Eastern.

The tournament consisted of thirty-six holes stroke play. Unlike all the other teams com- peting, this was the only golf meet for Tech this year. De- spite Tech's limited experience, the team still managed third place.

This year's team members are Don McCarthy, Steve Dan- iel, Don Sullivan, Phil De- Glicker and coach-player Greg Sheridan. Coach Riley has ex- pressed that he will try to get thirty-six holes stroke play.

Western and Eastern.

CIVILISATION'S Relative
Slated for Things Like Tech

The National Endowment for the Humanities has made a grant of $54,481 to the National Gallery of Art for distrib- ution of the film "Pioneers of Modern Painting," a film, series of ten prints and a book. The series of ten prints of the film was written and narrated by Ken- neth Clark, to community and audiences in the United States through the Endowment's network of smaller colleges and universities with enrollments under 2,000 and larger art museums throughout the nation. The grant was made by Dr. J. P. Malott, Vice President of the National Endowment for the Humanities.

The film, in color and 45 minutes in length, is a visual interpretation of the works of Monet, Cezanne, Seurat, Rousseau and Munch. They were originally produced for TV-London. The news con- ference was also the occasion for the first United States pre- view of two films from the series, those on Monet and Munch.

The Endowment's grant to the Gallery will be used to purchase and distribute prints of "Pioneers of Modern Painting" through a distribution concept which offers them free of charge to small colleges and museums and neighboring communities which might not otherwise be able to afford to rent or buy the film.

Since 1970 the National Gal- lery has been distributing prints of Clifford Clark's widely- acclaimed 13-part Civilisation, in a similar manner un- der a $10,000 matching grant from the National Endowment for the Humanities and the Xerox Corporation. "This success of this pro- gram," said Dr. Berman, "has encouraged the National En- dowment to engage in a sim- ilar program with respect to films on "Vanishing Painting."

Specifics of this second joint pro- gram for distribution of Lord Clark's films were outline- ed by J. Carter Brown, Di- rector of the National Gallery of Art, following Dr. Berman's announcement of the grant. "The National Gallery is espe- cially pleased to be able to continue its partnership with the National Endowment for the Humanities to reach the students and the community for the arts across the country," said Mr. Brown. "Through our initial program sponsored also by the National Endowment, Lord Clark's Civilisation films have already been shown on more than 600 campuses and their community screenings in the United States and Canada. The cooperative screen- ings of "Civilisation" have been ex- phorically received by the colleges and have proved to be a most useful formula in reach- ing a broad community audi- ence."

One of the broad goals of the National Endowment for the Humanities is to bring out- side to serve more fully the needs of broad citizen audi- ences at the reduced unit costs which such technology makes possible. Dr. Berman stated at the conference that "in films it offers the opportunity to bring education and interest in great art and art history to a place yet with the extraordinary economy which this medium makes possible. In Pioneers of Modern Painting, as in Civilisation, we have on film a gifted teacher and interper- ter. Through Lord Clark's vi- sualization of citizens and students now may gain a deeper insight into the work, life and events of six major artists who profoundly affected the direction of modern painting."

Green Gold
Black Gold

Two internationally-known oil companies have announced their 1973 grants to Montana Tech Department of Petroleum, Engineering, according to De- partment Head Dr. William G. Halbert.

From the Shell Companies Foundation has come the an- nouncement that it will make a $1,000 grant to the college. Of this amount, $500 will be allocated for gen- eral faculty development, and another $500 will be used for student aid in the department.

Charles E. Parker, secretary, that a $1,000 grant will be made available to the college. Of this amount, $500 will be allocated for gen- eral faculty development, and another $500 will be used for student aid in the department.

President of Continental Oil Company, has announced that his company will grant $4,000 to the Department of Petroleum Engineering at Tech. This grant will purchase scholarships of $700, $800, $900 and $1,000 to freshman, sophomore, junior and senior petroleum en- gineering students, respectively.

The balance of the grant, accord- ing to Halbert, is an unrestricted supple- ment to the department.

Sahinen To Be Doctor of Eng.

The degree of Doctor of En- gineering, J. Carter Brown, will be awarded to Uuno M. Sahin- nen, retired director and State Geologist for the Montana Bu- reau of Mines. It was announced during commencement exercises June 4 at Montana Tech.

Sahinen, who retired from State service last spring, serves nearly his entire career with the Bureau of Mines. He served as chief of information and service and as chief geologist for the state from 1962 until his retirement. Sahinen was associate director and then director of the Bu- reau.