NMHFM Receives Freeport-McMoRan Grant

The NMHFM has received a $29,000 grant from the Freeport-McMoRan Foundation through the Community Investment Fund. The grant will support rehabilitation of the hoist house/blacksmith shop at the Matchless Mine.

The award letter states that our application “successfully met the criteria of the Climax-Area (CO) Community Investment Fund to provide a sustainable benefit to the community. The Community Investment Committee was impressed with the quality of the project and its effort to rehabilitate an important exhibit that serves as a tourism draw for the community.”

The Community Investment Committee is composed of representatives from Lake, Summit, Eagle, and Chaffee counties.

The Matchless Mine, owned by the NMHFM, is listed on the National Register of Historic Places. It is significant for industry and social history as a working silver mine and for its association with Horace Austin last years living in the superintendent’s cabin at the mine. The mine is a prime example of vernacular mining construction in the Leadville Mining District during the district’s production years (1859-1926). It contributes to understanding of the mining industry during that period.

A 2010 Historic Structure Assessment funded by the State Historical Fund rated the hoist house’s condition as fair.

Continued on Page 6
Thanks to everyone who made Spirits in the Shaft one of our best Wine at the Mine events ever! Approximately 300 guests, staff and volunteers filled the halls and enjoyed tasting local food and drink offerings. Some received communications from beyond, as interpreted by psychic/medium, Sarah Paige.

New friends and old gathered in Leadville for “Spirits in the Shaft.” This year’s theme for Wine at the Mine featured some of the myths and legends of spirits associated with tunnels and shafts.

This annual evening of fun is crucial to the National Mining Hall of Fame and Museum. Since our organization receives no funding from national, state, or local government sources, we depend on events like this to keep our doors open and draw visitors to Leadville.
Thank you to our amazing Sponsors, Vendors, Donors and Volunteers!

**Sponsors:**
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- Central Colorado Title and Escrow
- Climax Molybdenum Company
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- First Mountain Bank
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- Leadville Liquors

**Vendors:**
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- Elks Lodge 236
- Kingman Estate Winery
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- Periodic Brewing
- Safeway
- Snitching Lady Distillery
- Soulcraft Brewing
- Tennessee Pass Café
- The Legendary Silver Dollar Saloon
- Tommyknocker Brewery
- Treeline Kitchen
- Vino Salida
- Whitewater Hill Vineyards

Special Thanks to Heady Red for the Moroccan Wine presentation & tastings
The High Grade

Second Year for Youth Art Contest

Last year, the National Mining Hall of Fame & Museum began a new tradition with an art contest to encourage young people to share their thoughts about mining and consider a possible future career in the industry. The contest asked young people to illustrate themselves as Me as a Miner with an original piece of art.

We are excited to announce the launch of the 2019 National Mining Hall of Fame and Museum Youth Art Competition! This year our contest is titled Me as a Miner: Reclamation.

Reclamation is the process of restoring land that has been mined to a natural or economically usable state. Draw how you would restore a retired mine site. Would you create a play area? Or maybe make it into a park?

Entries may be sent in any time between now and the deadline. Final judging and awards will be decided during the 32nd Annual National Mining Hall of Fame Induction Banquet scheduled for Saturday, September 14th.

Sophia Haas, one of the 2018 winners, used reclamation as a topic for her entry Me as an Environmental Engineer.

We can’t wait to see your thoughts about what to do with an old mining site.

There will be 3 age groups with prizes in each group.

- Ages 4-8
- Ages 9-13
- Ages 14-18

Deadline: Entries due by Sep. 2nd 2019. Drop off at the museum or package so as not to bend and mail to:

Francine Webber
NMHFM
120 W. 9th St.
Leadville, CO 80461

Complete rules and regulations can be found on our website at: www.mininghalloffame.org

Actual examples of reclamation projects:

- The Mardis Mine in Maryland is now a golf course.
- Butchart Gardens in Ontario was once a cement factory.
- What was the Louisville Cavern is now a bike park. Photos from www.mineralseducationcoalition.org.
Ah, my first curator’s corner column at the National Mining Hall of Fame and Museum. It has been fantastic getting to know Leadville, and the surrounding Rocky Mountain area.

In my first six weeks in Colorado, I have doubled the amount of times that I have snowboarded in my life (coming from Arizona, this was not a high mark to achieve.)

Since I have been here, I have gotten busy right away making sure the collection is in order, modernizing our current exhibits, and designing new exhibits that will serve to educate and entertain our visitors into the future. In the works are plans to showcase our fantastic collection of Gary Prazen bronze sculptures, to create a new permanent exhibit focusing on reclamation, and to implement special stalling modern stanchions and new information panels for our 1923 Wills Sainte Claire automobile already has given the space a new feel. Getting to know our collection is an important part of the position, and the rest of the staff here has been instrumental in bring-

 Installing modern stanchions and new information panels for our 1923 Wills Sainte Claire automobile already has given the space a new feel. Getting to know our collection is an important part of the position, and the rest of the staff here has been instrumental in bringing me up to speed. This has resulted in some awesome, small, exhibits such as a monthly rotating “Curator’s Cabinet” and a “Mythology of Santa Barbara,” exhibit that went up for one night only during February’s Spirits in the Shaft.

One of the NMHFM’s sculptures by artist Gary Prazen.

1923 Wills Sainte Claire located in the Hennebach wing of the National Mining Hall of Fame & Museum. The Wills Sainte Claire was the first automobile to use molybdenum in its manufacturing process.

During Myles’ first six weeks in Leadville, the town has accumulated approximately 6 feet of snow. While this isn’t unheard of for the mountain town, old-timers have been impressed by the fact that it “just keeps coming.”
The High Grade

Museum Gifted Panel of Mining Murals

Former member of the NMHFM Board of Directors Hugh Evans, recently made a visit to the museum to drop off a special gift. Hugh, his son-in-law, Steve Clemms, and daughter, Debbie Clemms, donated a panel with a collage of historically significant reproduction murals. The History of Mining, was painted by Irwin D. Hoffman for the 1939 Golden Gate International Exposition in San Francisco.

The murals depict the history of mining through the ages, beginning with the Iron Age, then moving through Egyptian to Greek and Roman mining techniques. The final two murals depict more modern mining operations in practice during the early 20th century in the United States. The original murals, oils on stretched canvas, range in size from 7' x 5' to 7' x 11'. Some of the larger pieces weigh up to 150 pounds.

The History of Mining, was painted by Irwin D. Hoffman for the 1939 Golden Gate International Exposition in San Francisco.

Curator Myles Gallagher accepts the gift from Hugh Evans.

Grants and fundraising permitted rehabilitation in 2017 of the headframe, the wooden structure standing above Shaft No. 6 that was rated fair to poor. The hoist house/blacksmith shop, which contains the winch used to transport miners and ore in Shaft No. 6 and the blacksmith shop where tools were repaired, is leaning and sagging because of soil pressing against two walls and the weight of snow on the roof. It is now the highest priority for stabilization at the Matchless Mine. It is larger and more complex than the headframe and rehabilitation will take longer and cost more.

Tasks will be to regrade the area west of the hoist house to reflect the building’s historical context; restore the sill timber and companion support system of the hoist house’s west wall; remove the modern wooden walkway and stairs between the cabin and blacksmith shop; reconstruct the siding and framing of the blacksmith shop’s south wall and install a concrete retaining wall; repair the blacksmith shop’s hood vent; recondition roofing and replace failed sections and deteriorated ridge boards; uncover historic windows covered by wood siding and rehabilitate them; rehabilitate existing doors; and regrade the interior to minimize tripping hazards. Project activities will follow The Secretary of the Interior’s Standards for Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings. Archaeological monitoring of excavations will be part of the project.

The project is tentatively scheduled for September of this year, but may be delayed until 2020, pending additional fundraising. Donations to support the project can be made through ColoradoGives.org at http://coloradogives.org/Matchless_hoist_house_rehab.
### Spring

<table>
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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>Sat. Apr/ 16th</td>
<td>Art Class with Lisa Star!</td>
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<tr>
<td>11:00 AM-1:00 PM</td>
<td>Youth Art Contest Kickoff</td>
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<td></td>
<td>Children free with paid adult</td>
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<tr>
<td>Fri. May 17th</td>
<td>Tracy Beach, Author</td>
</tr>
<tr>
<td>5:30 PM—7:00 PM</td>
<td><em>Frozen to the Cabin Floor</em></td>
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<td>Free with reservation</td>
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<tr>
<td>Sat., May 25th</td>
<td>Matchless Mine Reopens for the Season!</td>
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<tr>
<td>Sat. May 25th</td>
<td>Kids’ Activity</td>
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<tr>
<td>1:00 PM—3:00 PM</td>
<td>Found Art</td>
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### Summer

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<tr>
<td>Mon. July 1st</td>
<td>A Day with the Tabors</td>
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<td>Hoist House Preservation Fundraiser/Cookout at the Matchless Mine and</td>
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<td>Tabor Home Event</td>
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<td>Details to come</td>
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<tr>
<td>Sat. Aug. 3rd</td>
<td>Boom Days Celebration!</td>
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<tr>
<td>3:00 PM—5:00 PM</td>
<td>Free gold panning outside</td>
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<td></td>
<td>Discounted admission with more activities inside</td>
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### Fall

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<tr>
<th>Date</th>
<th>Event</th>
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<tr>
<td>Sat., Sept 14th</td>
<td>32nd Annual National Mining Hall of Fame Induction Banquet</td>
</tr>
<tr>
<td>6:00 PM—10:00 PM</td>
<td>The Grand Hyatt Denver</td>
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<td></td>
<td>Denver, Colorado</td>
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<td></td>
<td>See website for ticket info</td>
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<tr>
<td>10:00 PM—12:00 AM</td>
<td>Young Professionals After Party</td>
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<td>35 &amp; Younger</td>
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<td>Free with ticket purchase</td>
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### Winter

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<tr>
<td>Fri. Feb. 7, 2020</td>
<td>Spirits in the Shaft</td>
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<tr>
<td>6:00 PM—9:00 PM</td>
<td>Tickets on sale late 2019!</td>
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Kenneth John Kutz passed away on January 18, 2019. Born on November 16, 1926, in Rosetown, Saskatchewan, Kenneth graduated from the University of Saskatchewan with a BS degree in Geological Engineering. He worked at copper-zinc, cobalt, gold, uranium, silver, and potash mines before eventually becoming President of TexasGulf’s operations in Australia, South Africa, Spain, Panama, Peru, Brazil, and Argentina. He was a member of the British Columbia and Oregon Professional Engineers. Kenneth served as President of the Mining Club of New York, Mining and Metallurgical Society of America, and Canadian Institute of Mining and Metallurgy. He was a member of the American Institute of Mining Engineers and the Colorado Mining Association. He gave the keynote address at the 1990 National Mining Hall of Fame Induction Banquet in New Orleans. We are grateful for his foresight in helping to establish the National Mining Hall of Fame & Museum.

NMHFM Founder Kutz Passes Away

CMA/SME Spotlight on Technology

Education Coordinator Emma Reynolds, Curator Myles Gallagher, and Events Manager Francine Webber participated in the combined Society for Mining, Metallurgy & Exploration and Colorado Mining Association’s conference in February. It was a great conference with 800 exhibitors and 6,600 attendees from around the world. The NMHFM crew manned a booth, interacted with exhibitors, participated in various meetings and socials, and had a great time educating participants about the NMHFM.

Emma, Myles, and Francine are grateful to the exhibitors who took the time to share with us the technological innovations that are moving the industry to a whole new era of innovation, productivity, and miner safety. Wouldn’t this be a fabulous addition to our interactive exhibits at the museum? Please let us know if you can help make that happen!

Booth at SME /CMA February, 2019 conference, Denver, CO.

Emma Reynolds at SME /CMA February 2019 conference testing out CAT simulator with Chelsea Pomeroy, CAT representative.
In February, we said farewell to Jack Atwater and Tim Brown, who retired from the Board of Directors, and welcomed two new members, Charles S. McNeil and Dr. Hugh B. Miller in their places. Our sincere thanks and appreciation go out to those who have freely given of their time and expertise to guide the National Mining Hall of Fame & Museum into the future. Thank you Jack and Tim, and all of those who have served.

Frank McAllister’s term as Chair was completed in February. Thank you Frank, for your tireless efforts, including helping us set up and take down numerous events, and being the gracious host on the same occasions! Frank will remain on the Board of Directors and continue to offer his guidance into the future.

David Brown is stepping up from the Board membership to take over the reins of Chair for the next 3 years. Brown is President & CEO of Wyo-Ben, Inc., headquartered in Billings, Montana. Wyo-Ben mines sodium bentonite, a clay-based industrial mineral, in Wyoming and Montana and processes it into dozens of products for worldwide application in oil and gas exploration, metal casting, steel making, water treatment, cosmetics, pharmaceuticals, clumping cat litter, construction, and animal feeds, to name a few.

Wyo-Ben is a private, family-owned mining business started by Rockwood Brown, Sr. in 1951. David joined the company full time in 1980, running the company’s long-haul trucking operation. He started the company’s industrial products division before becoming Executive Vice President and later President and CEO, following the retirement of his father, Keith Brown, in 1994. David holds a bachelor’s degree in economics and an MBA from Pacific Lutheran University, Tacoma, Washington.

David’s community affiliations include the Billings Clinic; American Hospital Association, Committee on Governance; Western Region Board, Boy Scouts of America; Montana Chamber of Commerce; and Industrial Minerals Association-North America.

New Board member Charles S. McNeil has broad experience in the coal, oil and gas, mining, and power industries. He received his Bachelor of Science degree in Mining Engineering from the Colorado School of Mines in 1971 and was honored with the Mines Distinguished Achievement Medal in 1998. At Mines, he is a member of the Foundation Board of Governors, the President’s Council, the Guggenheim Society, and was appointed by the Governor to serve on the Board of Trustees. He also serves on the National Advisory Council of the...
The Art of Joel Tankersley

Joel Tankersley was a childhood citizen of Leadville. He grew up in the Creede area and began his 40-year mining career at the Bulldog operation for Homestake Mining Company. Joel now works in the mines in Wyoming, and tells his mining stories through art and poetry.

NEW Bumper Stickers!

Drawings by Terry Ryan

Artist Terry Ryan passed away in December 2018. He and his family are part of Leadville’s history. Terry and brother Tim both went to school in the building that now houses the National Mining Hall of Fame & Museum. According to Tim, his grandfather, James J. Ryan, worked for a time as foreman for “Baby Doe” Tabor at the Matchless Mine. James’ uncle, Peter Breene, was the fourth Lt. Governor of Colorado.
Board of Directors, continued from page 9

Marriott School of Business at Brigham Young University.

Since 1993 he has been Chief Executive Officer of NexGen Resources Corporation, a natural resources company he founded, which supplies all of the coal requirements for Xcel Energy’s Texas power plants, provides alternative fuel and clean coal technology commercialization, explores and develops oil and gas resources and provides mine development and operations.

Charles is extremely active in many mining and community-building organizations, including the Boy Scouts of America, Craig Hospital Foundation, Arapahoe House, childhood development foundations and the performing arts.

His decades of experience in the mining industry make McNeil a perfect choice to compliment the National Mining Hall of Fame & Museum Board of Directors.

Also joining the Board, Dr. Hugh B. Miller is an Associate Professor in the Mining Engineering Department at the Colorado School of Mines (CSM), where he teaches courses and conducts research in a variety of subjects including mine design

and operations, project feasibility, occupational safety, and hydro-extraction. While at CSM, Hugh has also served as the Interim Department Chair for Mining Engineering, as a representative on the Faculty Senate, as an administrator for the Western Mine Safety Training Center, and on countless internal committees associated with Environment. Prior to entering academia, Hugh worked 13 years for several mining related companies in capacities ranging from operations to management, including four years as Director of Operations for International Engineering Technology, Inc.

Throughout his career, he has served on the boards of numerous companies and professional organizations and regularly consults in the technical and economic evaluation of mines and mineral resources, as well as the integration of new technologies and equipment in mining and excavation. Hugh currently serves as a Director for the Society for Mining, Metallurgy & Exploration (SME) and will serve as SME’s 2019 President.

Hugh received his degrees from the Colorado School of Mines and is a registered “Qualified Person” for Mining and Mineral Resource Estimation by MMSA. Dr. Miller’s expertise in mining education and operations will be a boon to the entire organization.

The NMHFM staff looks forward to working with all of the Board members to fulfill its mission and take additional strides to provide the public with a better and more thorough entertaining and educational experience.
A federally chartered non-profit, located in the famous 1880s silver boomtown of Leadville, Colorado at the top of the Rocky Mountains, the National Mining Hall of Fame and Museum is a monument to the memory of the men and women who pioneered the discovery, development, and processing of our nation’s natural resources.

Known as the “Smithsonian of the Rockies” and the “Premier Showcase of American Mining,” the National Mining Hall of Fame and Museum was established in 1987. Our museum houses 25,000 square feet of interactive and informative exhibits showcasing our collection of mining’s colorful past, present, and future. Come in and discover why mining matters to you!