The National Mining Hall of Fame and Museum is being visited this summer by a moon rock collected by astronauts during the Apollo 17 mission. The lunar sample, on loan from the Colorado School of Mines Geology Museum, is on display in the NMHF&M’s “Expanding Boundaries: Harrison Schmitt and the New Mining Frontier” exhibit. It will remain on exhibit through the summer.

“Expanding Boundaries” is an interactive exhibit funded by a 2010 grant from the Competitive Program for Science Museums, Planetariums, and NASA Visitor Centers. It contains meteorites and other extraterrestrial materials from the NMHF&M’s collection and on loan from the Denver Museum of Nature and Science.

The December 1972 Apollo 17 mission was the last manned landing on the moon to date. Astronauts Harrison Schmitt, a geologist and later U.S. Senator from New Mexico, and Eugene Cernan completed geological surveying and sampling of materials and surface features in the Taurus-Littrow region. Materials the astronauts collected, including the moon rock at the NMHF&M, were among 842 pounds of rocks and soil returned to earth during six lunar expeditions from 1969 through 1972.

As he departed from the lunar surface, Eugene Cernan, the last person to set foot on the moon, said, “And, as we leave the moon at Taurus-Littrow, we leave as we came and God willing, as we shall return, with peace and hope for all mankind.”

NMHF&M Executive Director Stephen Whittington said, “We are very pleased to display this exceptional lunar specimen in our exhibit about extraterrestrial minerals. Many believe the future of mining lies on asteroids and other planets.”
The National Mining Hall of Fame and Museum offers Education Kits available for classroom, home schooling, or group learning. Instructors have been using these hands-on kits to enhance lessons and engage students.

Museum Education Kits contain specimens, artifacts, models, and activities for a wide variety of ages. Designed for hands-on learning, Education Kits can be used in many different ways to help explore earth sciences, history, and the environment.

**Matchless Mine Education Kit** – History of Leadville's famous silver mine.

**Mineralogist for a Day!** – Minerals and their use in our everyday lives.

**Coal: The Fossil That Feeds the Future** – Its formation, how it's mined, and how it's used.

To learn more about our educational programming, or to make a request to borrow a kit, please contact Sarah Saxe, Curator, 719-486-1229 or curatorial@mininghalloffame.org

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**Matchless Mine Cookout**

**Powder Magazine Restoration Celebration**

**FEATURING**

**Forty Degrees North**

"American String Band Music"

**August 22, 2015**

**12:00 pm - 3:00 pm**

Burger or Brat Meal - $10 (includes chips, cookie and non-alcoholic beverage)

Hotdog Meal - $5 (includes chips, cookie and non-alcoholic beverage)

**SELF-GUIDED TOUR INCLUDED**

**CASH ONLY**

Proceeds benefit National Mining Hall of Fame & Museum - Matchless Mine
Registrar’s Report, by Stephanie Johnson

At the beginning of the summer, with the help of our interns, the curatorial team cleaned out and re-organized the Mineral Collections Room where we store our mineral collections. This provided the opportunity for me to get to know our collections a little better, while doing a little spring cleaning. This storage area is undergoing continuing improvements that follow our policy standards for collections storage and care. Both of the interns are working on a few cataloging and rehousing projects of mineral specimens that also follow these policy standards. Our collection is always growing so I hope to be able to add additional shelving in the near future. In the meantime, there are plenty of cataloging and rehousing projects to keep us busy!

Stephanie Johnson

The Matchless Mine & Baby Doe’s Cabin

Visitors to the Matchless Mine this summer have a new option for touring the historic site. Anytime from noon until 5:00 p.m. each day, they can guide themselves to nine stations using colorful and informative laminated cards developed by Curator Sarah Saxe, with input from Vince Matthews and Fred Mark. They also can take a guided tour at 1:00 or 3:00 p.m. led by experienced Historic Site Docents Brenda Miller, James Narboe or Benita Matthies. After evaluating the content of the cards this summer, they will become the basis for permanent interpretive signs to be installed by the summer of 2016.

Summer Curatorial Interns

Each summer, the NMHF&M hires curatorial interns to assist with a wide variety of museum-related tasks, including collections management, exhibit design, educational programming, and site interpretation. This program offers an optimal learning experience for those interested in pursuing a career in the museum field. This year, two recent university graduates have joined us.

Lina Rosenberg just graduated from Laurence University with a Bachelor’s degree in Environmental Studies. Her interest in museums has taken her a long way from her home in Washington, DC. She is excited to spend her free time exploring such a beautiful part of the country.

Sarah Taubner completed her undergraduate degree in Anthropology at the University of Mary Washington in Virginia before traveling across the country to Leadville. Originally from Scotia, New York, Sarah enjoys hiking in mountains regardless of their size.
NMHF&M Board of Directors

The Board of Directors supervises, controls, and directs the affairs of the National Mining Hall of Fame and Museum, determines its policies or changes to policies, actively prosecutes its purposes, and has discretion in the disbursement of funds. It may adopt such rules and regulations for the conduct of its business as shall be deemed advisable, and may, in the execution of the powers granted, appoint such agents as it may consider necessary.

The Board of Directors meets quarterly, generally in Leadville or in the Denver area. New officers are installed at the Annual Meeting, held in association with a quarterly meeting. At the February Annual Meeting, Francis R. McAllister, former Chairman and CEO of Stillwater Mining Company became Chair. Jessica Kogel, Senior Manager of Group Mining and Geology at Imerys became Vice Chair. Jacqueline S. Dorr, Manager of Special Projects for the Society for Mining, Metallurgy & Exploration (SME) continued as Secretary. Tim Brown, Exploration Manager for Cripple Creek & Victor Gold Mining Company continued as Treasurer. Paul C. Jones, Principal of Sovereign Management Group, became Past-Chair at the end of his three-year term as Chair.

Directors are elected to three-year terms, but may choose to retire mid-term. Recent retirees are David Garin, Fred Menzer, Tom Cherrier, and John Reeves. New members elected to the Board at the May quarterly meeting are John P. Wells, Principal at Wells Financial Services and Greg Zody, General Director Field Sales, Industrial Products at BNSF Railway.

We thank the Board’s current and former officers for their enthusiastic leadership and the retiring Directors for their years of dedicated service and support. We are pleased to welcome the new Directors and look forward to working with them to make the National Mining Hall of Fame and Museum an even stronger institution in coming years.

2015 Prazen Award Winner

The 2015 Prazen Living Legend of Mining Award will go to the Powell River Project Research and Education Center, a program of Virginia Polytechnic Institute and State University (Virginia Tech) that conducts research and education programs to enhance the restoration of coal-mined lands in partnership with the Appalachian coal mining industry.

The Powell River Project was created in 1980 in direct response to coal mine reclamation challenges presented by the Surface Mine Control and Reclamation Act of 1977. Its purpose has been to identify reclamation practices and post-mine land uses most beneficial to communities in the coal field region, particularly in the realm of reclaiming and reforesting mined lands with native hardwood species, and the utilization of reclaimed areas for agriculture and horticulture. Each year, hundreds of people visit the Center to learn about mining, reclamation, and environmental protection at Appalachian coal mines. Since its establishment, more than 50,000 visitors have participated in educational programs at the Center.

The Prazen Living Legend of Mining Award is given annually to an entity (foundation, museum, other non-profit entity, corporation, or individual) that has demonstrated a continuing commitment and successful efforts to educate the public on the importance of the minerals industry. The statue itself has been contributed by the famous artist/sculptor Gary Prazen to show his appreciation of the mining and minerals industry. The award is presented at the Annual National Mining Hall of Fame Induction Banquet each year.
Frank F. Aplan – Dr. Aplan is among the most influential mineral processing leaders in both industry and academia. His studies of the processes involved in the preparation of coal and mineral ores are acknowledged worldwide for their broad applicability. An authority on flotation, Dr. Aplan is especially known for his studies of the wetting of solids and their control through the adsorption of surfactant films, and for his work on atomic defects on properties and behavior of solid-liquid interfaces.

T S Ary – Mr. Ary was a leader in mineral exploration and a champion of economically and environmentally sustainable mineral policies. A prolific author and advocate for the mining industry, Mr. Ary was a recognized authority on mineral policy who served on the U.S. State Department Task Force to the United Nations Law of the Sea Convention and on the Mineral Advisory Committee to the Department of Commerce. In 1988, Mr. Ary was sworn in as the 18th Director of the U.S. Bureau of Mines.

Ralph E. Bailey – Mr. Bailey is a distinguished veteran of the coal industry regarded not only for his impressive accomplishments as a mining industry executive, but also for his staunch commitment to safety, engineering, and improving mine operations. Mr. Bailey was also responsible for implementing many effective new concepts, including the first longwall system to operate in eastern bituminous coal and the implementation of a program to improve the health and safety of both underground and surface miners.

John Campbell Greenway – Mr. Greenway possessed unique engineering and managerial talents. He led development of the Western Mesabi Iron Ore Range in Minnesota and, along with Dr. L. D. Ricketts, developed and patented the technology for leaching copper ores and electrowinning the leached solutions. Praised for heroic conduct in WWI and awarded the Croix de Guerre and l’Etoile, Legion of Honor, and Distinguished Service Cross, a statue of Brigadier General Greenway stood in the U.S. Capitol for 85 years.

Edward Steidle – Mr. Steidle was an influential visionary leader of U.S. mineral education who recognized the need to bring under one roof all of the sciences and technologies needed to discover, extract, process, utilize, and conserve mineral wealth for the benefit of humanity. Accordingly, Mr. Steidle created the College of Earth and Mineral Sciences while Dean at Penn State, where he taught and shared his ideas and philosophy on mineral education and conservation.
To mark its 125th anniversary, Boart Longyear, one of the world’s leading providers of drilling services and mining products, donated an exhibit to the NMHF&M. The display features a historic timeline and collection of Longyear and Boart Longyear artifacts dating back to the late 1800s.

“The display and historic pieces are proof of the long and respected legacy of quality and innovation that Edmund J. Longyear started in 1890, and that we maintain today,” said Kent Hoots, Senior Vice President of Boart Longyear.

Included among the donated pieces is an original October 5, 1930 San Francisco Chronicle newspaper article entitled “The World’s Greatest Span.” The article features a photo of a Longyear drilling crew working over the blustery waters of San Francisco Bay during construction of the Golden Gate Bridge.

“We are thrilled that Boart Longyear has donated this collection to the National Mining Hall of Fame and Museum so that it can be enjoyed by the thousands of people that visit the museum each year, and in order to preserve these wonderful pieces of mining history,” said Curator Sarah Saxe.
Tommyknockers and Flickering Candles

On Friday, February 13, the National Mining Hall of Fame and Museum brought back its annual wine tasting. In honor of the day the event embraced mining superstitions, including tommyknockers, flickering candles, and whistling underground. Attendees sampled delicious wines, micro-brewed beers, appetizers, and chocolates while touring the museum. In addition to Colorado drink and food selections, the event featured wines produced in mining regions all over the world.

The annual wine tasting was melded with the beloved Miner's Ball some years ago. Based on feedback from Leadville residents, the staff decided that it deserved its own special day. If attendance by more than 200 revelers is any indication, the public enthusiastically agreed.

Sculpture Dedication in Honor of Dr. James Boyd

The National Mining Hall of Fame and Museum is pleased to announce a new addition to its sculpture collection. On April 9, the family of Dr. James Boyd loaned a bronze sculpture of a single jack miner (created by famed artist Gary Prazen) previously presented by the American Mining Congress to Dr. Boyd for distinguished service to the mining industry. The sculpture was installed in honor of Dr. James Boyd's son Douglas' birthday. The statue is on display at the museum, serving as testament to James Boyd's immense contributions to the mining industry.

CMC Day

270 Colorado Mountain College employees enjoyed an evening at the museum on May 6. CMC's guests were greeted by Dr. Carrie Besnette Hauser, CMC President, Mike McDonald, General Manager of Climax Mine, and Steve Whittington, Executive Director of NMHF&M. Guests mingled, devoured the catering team's lavish spread and beverages, and explored the museum with a scavenger hunt. Many of the guests had never been to the museum prior to the event, but were so impressed that they said they would be coming back with their families this summer.

STEAMPUNK Leadville

June 6 saw something new in Leadville—a exquisite adventure into retro futurism featuring a scenic ride on the Leadville Colorado and Southern Railroad, a “mosey” through downtown featuring people dressed in outrageous costumes, food and drinks in the museum, Tesla coil demonstrations by Dr. Zapper, and dancing to the music of Ye Ole' Dirty Bastards in the ballroom. STEAMPUNK Leadville, a benefit for the National Mining Hall of Fame and Museum, was a great day and night of fun for 80-90 creative souls.
Upcoming Events

JULY 23, 2015 - 7:00 PM CONVENTION CENTER 117 W. 10TH STREET LEADVILLE

Space Exploration Lecture
On July 23 at 7:00 p.m., Dr. Fran Bagenal, Professor of Astrophysical and Planetary Sciences and Faculty Associate at the Laboratory of Atmospheric and Space Physics, will discuss “The New Horizons Mission to Pluto Recent Flyby” in the ballroom. The New Horizons flyby occurred on July 14 after a nine-year flight from Earth. Her lecture, coming less than two weeks later, will truly provide up-to-the-minute information about space exploration. Part of the Collegiate Peaks Forum Series, this lecture is free and open to the public—and refreshments will be served.

AUGUST 23, 2015 - NOON - 3 PM MATCHLESS MINE 1.25 MILES ON EAST 7TH STREET

MATCHLESS MINE COOKOUT
To draw attention to the restoration of the Matchless Mine’s Powder Magazine, we will be holding a cookout at the site, 1.25 miles east of the center of Leadville, on August 22 from noon until 3:00 p.m. Cookout foods, Colorado micro-brewed beers, and American string band music by Forty Degrees North will be offered at this fundraiser. The event will occur during the Leadville Trail 100 Run as an activity for families and supporters of both the runners and the National Mining Hall of Fame and Museum.

OCTOBER 23, 2015 - ANNUAL NATIONAL MINING HALL OF FAME INDUCTION BANQUET

The 2015 Annual National Mining Hall of Fame Induction Banquet will be the 28th such event, and is to be held this year on October 23, 2015 in the Omni William Penn Hotel ballroom in Pittsburgh, Pennsylvania. Invitations and reservation forms for the Induction Banquet will soon be in the mail, so be watching for those to arrive. For information about exciting Induction Banquet sponsorship opportunities, contact Executive Director Steve Whittington or Events Manager Francine Webber at 719-486-1229 or see the NMHF&M’s website.

DECEMBER 31, 2015 - END LIFETIME MEMBERSHIP DRIVE

As a member of the NMHF&M, you are the life blood supporting our mission which gives our programs purpose—creating this legacy for our inductees and sharing with the public what mining is all about. If you are a current non-life Member who joined prior to 2012 and would like to achieve Life Membership status please contact Rebecca at 719-486-1229 or email: Rebecca@MiningHallOfFame.org to discuss your options.

NATIONAL MINING HALL OF FAME & MUSEUM
PO Box 981
120 W. 9th Street
Leadville, CO 80461

TUESDAY JULY 21, 2015 - 6:00 PM CONVENTION CENTER 117 W. 10TH STREET LEADVILLE

The National Mining Hall of Fame and Museum will be holding a community forum on the future of the Convention Center. The Convention Center’s heating system broke down this spring and cannot be repaired. The forum will be an opportunity for the public to comment on whether or not to continue operations, what the Convention Center should be for Lake County, and how to sustain it.