



Spring 2013

# *Mining History News*

Quarterly Newsletter of the Mining History Association

## **Innovation & Communication**

Kennecott, Alaska is not an easy place to get to. You drive six hours from Anchorage to the end of the paved highway at the former rail town of Chitna, on the Copper River. From there you drive sixty miles of not-the-best of dirt roads/former railroad grade, crossing some spectacular country and century old bridges to the end of the road. After you park, you must cross the glacial-fed Kennicott\* River on a hand-pulled wire cable. From there it's another four-mile hike into Kennecott, a ghost town of houses and industrial buildings adjacent to Kennicott Glacier in the heart of the rugged and massive Wrangell Mountains.

The most impressive sight is the twelve-story, red and white trimmed mill, stair-stepping up the slope. Inside the wood timbers of the mill frame are the "latest" early twentieth century crushing and concentration plant technology. A mining historian revels in the remains of the near complete engineering system, and the innovation the mill reflects. Nearby, are the ammonia leaching plant with its tanks and the company store and its shelves of hardware, goods, and evidence of a stopped operation in mid-turn during the height of the Great Depression. The four stacks of the power plant, and the electrical systems' machinery inside are evidence of the world of changes occurring at the time. When I co-wrote the National Historic Landmark nomination and directed the HAER recording project at Kennecott, in the early 1980s, the site was in very isolated Alaska. However, during the 1910s-30s this was an industrial hub connected by railroad and telephone lines to the outside world – far more accessible than today. The



*The Kennecott Mill, Alaska, viewed from the south. HAER photo by Jet Lowe, 1982. (HAER AK,20-MCAR,1--1, Library of Congress Prints and Photographs Division Washington, D.C.)*

copper ore and concentrate produced at Kennecott went to the coast by rail, then ship to smelters “outside” that poured forth the refined copper needed for the innovations of the Electrical Age.

The vast changes in technology of Kennecott of the early twentieth century compared with, say, the mid-nineteenth century physical plant of an Upper Michigan or Cornwall copper mine are logarithmic. This period of innovation reminds me of the changes in the recent past, in our Information Age. Looking back twenty to twenty-five years, the Mining History Association's early tools for communication were similarly archaic.

I recall hosting at my bungalow on Corona Street in Denver a series of "newsletter" parties, where

# Innovation & Communication

*continued from page 1*

MHA friends came over to help fold, staple, and put stamps on the first newsletters we dropped into the mail for our nascent organization. These newsletters, wine and cheese parties were fun, as was our snail mail system – I still have stacks of post cards that were used to respond quickly to requests, and to the notes from members who sent along their own post cards of encouragement. It was always nice in the 90s to get a note or card from Duane Smith or Sally Zanjani or Gene Gressley or Ed Hunter. But the communication system was, to say the least, primitive – Benjamin Franklin would have recognized the process.

About fifteen years ago, communication became a bit easier with the Internet, and information about the organization was urged forward with a grand help from Erik Nordberg of Michigan Tech, who developed our first web page. MHA joined the Digital Age. A number of things have been accomplished recently further propelling the MHA forward. Recently, Mike Kaas, "Miner Mike," and his committee have greatly enhanced our web page. Please give it a look at:  
**<http://www.mininghistoryassociation.org>**

There is a need for more photos and stories about old conferences and events, which Mike would love to post. He can be reached at:  
**[minermike@att.net](mailto:minermike@att.net)**

Unlike the stasis of the Kennecott mill, a relic of another time, the MHA needs to continue to move forward with new electronic communications through the Internet. On the web page is our annual *Mining History Journal's* table of contents, ably edited by Eric Clements, and the newsletter, edited by Eric Nystrom. Both are still mailed to the membership, and are far more polished than our first journal and newsletter of the old days (and remember to send Eric news items you think might be of interest to other members). We also still use regular mail for inquiries, and MHA secretary Brian Leech and membership chair Diane Dudley try to respond as

best they can. What may be needed is a better way to communicate with individuals interested in mining history, who need a forum for discussion, either through a bulletin board, or Facebook, or some other format. Some of you have used the Yahoo group Mining History (**<http://tech.groups.yahoo.com/group/MiningHistory/>**) moderated by Murray Lundberg. The MHA encourages the use of such tools.

Eric Nystrom has developed a white paper on options for electronic MHA communication. He provides a series of topics – email lists, web forums, bulletin boards, social media – and some initial pros and cons. I would like to hear from members who may have a special interest or experience in helping the MHA move forward, and to help those of us less tech savvy to improve our communication abilities. Does the MHA need a Facebook page, a bulletin board, or...? If you have ideas or suggestions, let me know. Volunteers are always welcome to lend a hand.

Your MHA board hopes to discuss electronic communication at our annual conference to be held in Galena, Illinois, June 6-9, 2013. The Galena meeting is coming together great. Mark Vendl and Mark Langenfeld have organized another outstanding conference, this time in the historic lead-zinc mining country of Wisconsin-Iowa-Illinois tri-state district. Not only is the historic DeSoto House Hotel in downtown a great venue, but they have tours planned to outlying districts some of which first began production over two centuries ago. We'll see you there.

*Robert L. Spude*  
*Santa Fe, New Mexico*

\* The Kennicott River and glacier were named after 1860s Alaska explorer Robert Kennicott. The later company and town name were misspellings with an "e" as in Kennecott instead of an "i."

## Early Mining, Recent Mining, and History Galore for MHA in Galena

The 2013 MHA Conference will convene on June 6 in the heart of one of North America's oldest and longest-producing mining camps: the Upper Mississippi Valley Zinc-Lead District. Our host city of Galena, Illinois, is one of the most historically intact mining and river port towns east of the Mississippi River, with fully 85% of its buildings included within a National Register Historical District.

Although relatively little known and studied, the UMV Zinc-Lead District is rich with mining history. The story begins with widespread Native American mining and mineral trade, and extends from one of the earliest (and largest) American mineral rushes prior to the gold excitement of 1849 through the development of modern zinc refining and smelting methods, the resulting zinc boom of the late 19th and early 20th centuries, and the continued mining of strategic minerals in both world wars, the Korean conflict and much of the Cold War.

Our conference headquarters and hotel, the DeSoto House, opened its doors on April 9, 1855, and remains the oldest operating hotel in the State of Illinois. This classic example of the "grand hotel" of the mining frontier has been lovingly restored to its former glory, and provides a wonderful step back in time. It served as the presidential campaign headquarters for Ulysses S. Grant, and has greeted many other notable guests, including Abraham Lincoln, Stephen A. Douglas, and William Jennings Bryan. We have reserved a block of rooms at

special conference rates. (**The DeSoto House** can be reached at **1-800-343-6562** or **<http://www.desotohouse.com>**)

Two half-day field trips are planned: one to Iowa's Mines of Spain and Dubuque Shot Tower (led by Bob Spude), and another to Platteville, Wisconsin's Mining Museum and Bevan Mine (hosted by Stephanie Saager-Bourret), and to a recently excavated and stabilized 19th century lead smelter near Potosi, Wisconsin (interpreted by State Archeologist John Broihahn). Sunday's full-day field trip is slated to pass through the heart of the district, with stops at a "badger hut," Shullsburg, Wisconsin's mining museum and Badger mine, and, after lunch, an afternoon of talks and exploration at Pendarvis, the Cornish miners' settlement and historical site in Mineral Point, Wisconsin.

Today's Galena has reclaimed its status as a regional center of commerce and tourism. Thus, the 2013 MHA Conference is also particularly well-suited for spouses and family. Shopping and recreational opportunities abound in and around Galena, and a rich variety of fine eateries will appeal to any palate. Numerous excellent museums and intriguing historic sites lie within easy reach, and well merit extending your stay by a day or more.

Please join us for MHA 2013 in Galena, Illinois, where the timeless atmosphere (we are told) will be particularly conducive to the materialization in our midst of a number of ghosts of the past.

### A Word about Parking...

Long-term parking in and around downtown Galena can be problematic, especially on weekends. Those booking rooms at the DeSoto House may park free of charge in the private ramp adjacent to the hotel. Attendees making other lodging arrangements should plan to arrive downtown early enough in the day to be sure of securing one of the long-term spaces located along the river levee. (Most on-street parking is limited-term – three hours, or less.) A small number of parking spaces may also be made available on a first-come-first-served basis in a nearby outdoor lot (details available at registration). Alternatively, inquire as to the availability of any shuttle service your lodging hosts might provide.

## Selected Readings about Mining in the Upper Mississippi Valley

John Adelman (ed.), *The Dubuque Shot Tower* (Charleston, SC: The History Press, 2011)

H. Foster Bain, *Zinc and Lead Deposits of the Upper Mississippi Valley* (Washington: GPO, 1906)

James C. Bradbury, "Crevice Lead-Zinc Deposits of Northwestern Illinois," *Illinois State Geological Survey Report of Investigations* 210 (1959).

G. H. Cox, "Lead and Zinc Deposits of Northwestern Illinois," *Illinois State Geological Survey Bulletin* 21 (1914)

Loren Farrey, *A Tour Guide to the Mines of Lafayette County, Wisconsin* (Pardeeville, WI: Farrey Enterprises, 2001)

Ulysses Sherman Grant, "Preliminary Report on the Lead and Zinc Deposits of Southwestern Wisconsin," *Wisconsin Geological and Natural History Survey Bulletin* 9 (1903)

Alan Heyl, et. al, "Geology of the Upper Mississippi Base-Metal District (Revised)," *Wisconsin Geological and Natural History Survey Information Circular* 16 (1978)

Stanley T. Holland with James Johnson, *A History of Mining In Iowa County, Wisconsin* (Dodgeville, WI: [self published], 1983)

Jim Jewell, *Cornish in America: Linden, Wisconsin* (Linden, WI: Cornish Miner Press, 1990)

James A. Lake, *Law and Mineral Wealth: The Legal Profile of the Wisconsin Mining Industry* (Madison: University of Wisconsin Press, 1962)

Carol McLernon, *Lead Mining Towns of Southwest Wisconsin* (Mount Pleasant, SC: Arcadia Publishing, 2008)

R.R. Reynolds, *The Last Bonanza* (Bloomington, IN: Trafford Publishing Co., 2003)

Lawrence A. Roe, *A History of Wisconsin Mining* (Madison, WI: Roeco, 1991)

Joseph Schafer, *The Wisconsin Lead Region* (Madison: State Historical Society of Wisconsin, 1932)

### Attention Mining History Vendors!

The Mining History Association is an organization of individuals from the United States and other countries with a common interest in all aspects of mining history. During our 3-day meeting in Galena in June 2013, many visitors will be interested in mining-related books, artifacts, specimens and other collectible material.

On Friday and Saturday, a **limited number of vendor tables will be available at \$25 per table** in a secure location in or adjacent to the conference room where most of the proceedings will be held. **Table space will be reserved on a first-come first-served basis.** Interested vendors with relevant material should **contact Bob Weldin** at: [minersquest@comcast.net](mailto:minersquest@comcast.net) or (509) 327-2897.

## MHA Offers Research Grants

The Mining History Association Research Grant Program is open to all who are currently engaged in or who plan to conduct mining history research, including graduate students, academic scholars, public sector professionals in related disciplines, independent scholars, writers, and educators. Research may focus on technology, business, social and cultural life, the environment, or any other aspect of mining, its associated industries, and its communities.

Funds are awarded on a competitive basis. The Grants Committee, at its discretion, may make up to two grants per year. Funding may vary, up to a maximum of \$750 per grant. Awardees will be asked to disseminate their research results either by submitting a presentation for consideration at the 2014 MHA Annual Conference in Trinidad, CO, or an article to be reviewed in consideration for publication by *The Mining History Journal*.

Applicants must submit a completed application form and a resume or vita before midnight on April 15, 2013 to [brianleech@augustana.edu](mailto:brianleech@augustana.edu). Forms and additional information about the grant may be found at:

<http://mininghistoryassociation.org/ResearchGrants.htm>

### NAAML P Conf. Friendly to Mining Historians

As noted by Bill Culver in the Fall 2012 issue, some mining industry conferences are open to and interested in mining history as well. One such conference is the National Association of Abandoned Mine Land Programs (NAAML P). Their 2013 conference will be held Sept. 22-25 at the Glade Springs Resort in West Virginia. Anyone working on heritage and/or historic preservation of mine sites, especially of coal mining, is encouraged to apply. Abstracts are due by June 1, 2013. Contact organizer Robert Rice for additional details: [Robert.Rice@wv.gov](mailto:Robert.Rice@wv.gov)

I presented a piece on underground mine maps at the 2010 NAAML P conference in Scranton, PA, and found the group very welcoming and interested in historical topics. The tours and industry displays were also very interesting.

--Eric Nystrom

## Upcoming International Mining History Meetings

**NAMHO (UK): June 28-July 1, 2013**

The National Association of Mining History Organisations (NAMHO) of the UK announces its next conference, titled "Mining Legacies," to be held at Aberystwyth University, June 28 to July 1, 2013. This conference brings together mining historians and archaeologists from across Britain, Ireland and further afield to share their work and their experiences, to socialize and to enjoy a rich mining heritage.

Aberystwyth, on the coast of mid-Wales, provides an ideal venue for a conference focusing on the legacies of past mining activity. The university has all the facilities for a full lecture program with the opportunity to visit many relevant mine sites in its immediate hinterland.

The uplands of mid-Wales are rich with examples of metal mining from the Bronze Age through to the 20th century. Its historic landscape has been shaped by the activities of man over thousands of years and the interpretation of its archaeology, and its environmental and cultural impact, tells a story which is relevant across a much wider area.

Conference details and registration are available through the website:

<http://www.namhoconference.org.uk>

**International Mining History Congress (Australia): July 8-14, 2014**

The 10th International Mining History Congress will be held at Charters Towers, Queensland, Australia tentatively July 8-14, 2014. MHA members may fondly remember previous IMHC meetings in Cornwall, South Africa, Japan, Golden, Colorado, and elsewhere. The conference theme will be "Past Heritages: Future Prospects," and mining history work from any time or geographic locality will be considered. This international event will be coordinated with the annual Australasian Mining History Conference.

Charters Towers is located in the Australian north, in a dry tropical zone. Though the conference will be held during the Australian winter, the weather in Charters Towers is mild, with a daily average high of 77°F and low of 53°F.

Mining historians from across the globe have already started to express interest in participating. Though a formal Call for Papers will not be issued until April 2013, interested persons are encouraged to contact Kett Kennedy, the conference organizer, at [ketthk@bigpond.com](mailto:ketthk@bigpond.com).

## MHA-Galena Mining History Field Trips

**NOTE:** All buses depart from and return to the DeSoto House at the times shown on the Conference program.

### Field Trip 1: The Mines of Spain and Dubuque Shot Tower, Iowa

Thursday, June 6, 2013, 8 a.m. – noon  
 Trip leader: Bob Spude                      Limit: 54

Visit Julien Dubuque's 18th- and early 19th-century "Mines of Spain" (Mines of Spain State Recreational Area Visitor Center and heritage trail), the Dubuque gravesite and spectacular Mississippi River overlook, and the unique, restored Dubuque shot tower, where lead munitions were manufactured from 1856 – 1862. (Trip leader Bob Spude co-authored the National Historic Landmark nomination for the Mines of Spain.)

**NOTE:** Portions of this trip are likely to involve negotiating several long stairways and hiking trails in steep terrain. Candidly assess your mobility and fitness before registering or participating in those trip segments.

### Field Trip 2: The Platteville Mining Museum, Bevan Mine and British Hollow Smelter Site, Wisconsin

Friday, June 7, 2013, Noon – 5:30 p.m.  
 Trip leaders: Stephanie Saager-Bourret & John Broihahn                      Limit: 54

This trip will visit the City of Platteville's Mining Museum, enjoy rare access to the museum's artifact storage area, go underground at the on-site Bevan lead mine, and watch as a mine hoist operator pulls ore cans to surface in the recreated shaft house. Museum Curator and MHA Councilor Stephanie Saager-Bourret will be on hand to interpret. Departing Platteville, our bus will pass the original Wisconsin Mining School building. Just outside the early mining settlement of Potosi, we will visit the remains of the British Hollow lead smelter, where Wisconsin State Archeologist John Broihahn will discuss its history and recent efforts to stabilize and interpret the site.

*Tours... (continued next page)*

## Renew MHA Dues With Conference Registration

If you are attending our Annual Conference, you can easily join or renew your membership on the Conference Registration Form on page 11. (The mailing label indicates the calendar year through which your dues are paid.) Your careful attention to dues payment helps save the MHA money for reminders.

Thank you!

# MHA-Galena Mining History Field Trips

*continued from previous page*

## Field Trip 3: Back Roads to Shullsburg and the Badger Mine, and the Cornish Connection, Mineral Point, Wisconsin

Sunday, June 9, 8 a.m. – 5 p.m.

Trip leaders: Mark Langenfeld & Jim Jewell      Limit: 54

Departing Galena by back roads, we will pass the sites of a number of historic mines and stop at what is believed to be one of the last surviving "badger huts" while on our way to the old mining town of Shullsburg, Wisconsin. There, we will visit the local mining museum and descend into the Badger mine, early crevice workings for lead—miles of which honeycomb the ground under this community. Box lunches will be served at Mineral Point. After lunch, we will listen to talks on the district's Cornish mining heritage (by MHA member and Cornish Bard Jim Jewell) and Mineral Point's mining railroads (by local historian, Dr. David Kjelland). Attendees will then be free to explore the Cornish mining settlement at Pendarvis and take a walking tour of the adjacent Merry Christmas Mine Hill. If time permits, we will make brief stops at the Mineral Point depot, an overlook of the remains of the Mineral Point Zinc Company's oxide plant, and the former New Jersey Zinc flotation mill at Elmo.

### Getting to Galena

US Highway 20 is the main route through Galena. Those traveling to Galena by air have a variety of options. The list below shows the approximate distance to Galena from nearby airports. If flying into metro Chicago, be sure to account for extra time due to traffic and tolls.

**O'Hare International Airport (ORD), Chicago, IL:** approximately 150 miles, all major carriers

**Midway International Airport (MDW), Chicago, IL:** approximately 180 miles, Air Tran, Delta, Frontier, and Southwest

**Dane County Regional Airport (MSN), Madison, WI:** approximately 105 miles, American Eagle, Delta, Frontier, and United

**Rockford International Airport (RFD), Rockford, IL:** approximately 80 miles, Frontier (Denver), and Allegiant (Phoenix, Las Vegas)

**Dubuque Regional Airport (DBQ), Dubuque, IA:** approximately 25 miles, American Eagle (connecting flights from Chicago O'Hare)

You could always consider getting to Galena "1850s-style" -- on a paddle wheel riverboat! Too bad the last scheduled commercial service departed many decades ago. Tour boat cruises on the river still stop near Galena, however, if cruising the Big River speaks to your inner historian.

## Explore Galena-area Attractions in Person and on the Web

The area near Galena—where Illinois, Iowa, and Wisconsin meet and the mighty Mississippi River courses through on its way to the Gulf of Mexico—is full of history, and historical sites. From victorian mansions to prehistoric ruins, from transportation to (of course!) mining history, there are many sites worth a visit while en-route to Galena or afterward.

Below are the names and links for selected historic sites, along with links to many of the museums and sites that we will visit on our tours.

### **National Brewery Museum and Potosi Brewery, Potosi, WI**

[http://www.potosibrewery.com/museums\\_brew.cfm](http://www.potosibrewery.com/museums_brew.cfm)

### **National Mississippi River Museum & Aquarium, Port of Dubuque, IA**

<http://www.mississippirivermuseum.com>

### **Tower Hill State Park (a surviving shot tower in Wisconsin), Spring Green, WI**

[http://www.stateparks.com/tower\\_hill\\_state\\_park\\_in\\_wisconsin.html](http://www.stateparks.com/tower_hill_state_park_in_wisconsin.html)

### **Taliesin - Frank Lloyd Wright Visitor Center (reservations strongly recommended), Spring Green, WI**

<http://www.taliesinpreservation.org/visitors-guide/our-tours>

### **Fort Crawford Museum, Prairie du Chien, WI**

<http://www.fortcrawfordmuseum.com/>

### **Villa Louis, Prairie du Chien, WI**

<http://villalouis.wisconsinhistory.org/>

### **Circus World Museum, Baraboo, WI**

<http://circusworld.wisconsinhistory.org/>

### **Stonefield Village, Cassville, WI**

<http://stonefield.wisconsinhistory.org/>

### **Wisconsin's Territorial Capitol, Belmont, WI**

<http://firstcapitol.wisconsinhistory.org/>

### **Mid-Continent Railway Museum, North Freedom, WI**

<http://www.midcontinent.org/>

### **Apple River Fort, Elizabeth, IL**

<http://www.appleriverfort.org>

### **Effigy Mounds National Monument, Marquette, IA**

<http://www.nps.gov/efmo/index.htm>

### **Galena and U.S. Grant Museum, Galena, IL**

<http://www.galenahistorymuseum.org/>

### **The Mining Museum, Rollo Jamison Museum, and the Bevans Lead Mine, Platteville, WI**

<http://www.mining.jamison.museum/PAGES/MiningMuseum.html>

### **The Badger Mine and Museum, Shullsburg, WI**

<http://www.shullsburgwisconsin.org/shullsburgbadgerminemuseum.htm>

### **The Cornish Miners' Village of Pendarvis, WI**

<http://pendarvis.wisconsinhistory.org/>

### **The Potosi Township, WI Smelter Restoration Project, Potosi Township Historical Society.**

<http://www.vangrafx.com/PTHS/projects/restoration.html>

### **The Mines of Spain Recreation Area, Dubuque, IA**

<http://www.minesofspain.org/>



# Mining History Association

## Annual Meeting June 6-9, 2013

### Galena, Illinois

#### THURSDAY JUNE 6

- 8:00-noon **Pre-conference field trip** to Mines of Spain and Dubuque Shot Tower, Iowa (lunch on your own after tour)
- 1:00-4:00 Registration in lobby of **DeSoto House Hotel**  
Tours of Blacksmith Shop  
Visit Galena History Museum  
Trolley tours
- 1:00-4:00 Council Meeting and Editorial Board Meeting
- 5:00-7:00 Welcoming Reception and appetizers with Mark Twain, The Courtyard, DeSoto House
- 7:00 Dinner—open

#### FRIDAY JUNE 7

- 7:30-noon Registration in lobby of DeSoto House
- 8:00-1:00 Vendors in Lincoln Room
- 8:00-9:00 Session 1 (All sessions held in the DeSoto House Ballroom)  
**Bob Spude**, *Welcome to Galena*  
**Mark Langenfeld**, *Conference Overview*  
**Phillip Millhouse**, *Native American Lead Mining in the Upper Mississippi Valley*  
**John Broihahn**, *British Hollow Smelter Site*
- 9:15-10:15 Session 2  
**Tracey Lee Roberts**, *From Cabbage Town to Irish Hollow: Ethnic Diversity in Early Galena*  
**Daryl Watson**, *Geology and Geography of the Upper Mississippi Lead Mine District*  
**Patrick Allan Pospisek**, *Federal Policy and the Mineral Rush: The Construction of Government Authority across Four Mining Regions, 1798-1849*
- 10:30-11:30 Session 3  
**John Park**, *The Mineral Point Zinc Company*  
**Tamara Thomsen**, *The Underwater Documentation of Rodham Mine—Shullsburg, Wisconsin*  
**Stephanie Saager-Bourret** and **Ralph Bourret**, *The Bourret Mining Company: A Case Study of an Under-Capitalized Mining Company in the Zinc Boom of the 1910s*
- 11:30-12:45 Lunch—open
- 1:00-5:00 **Field Trip to Platteville Mining Museum and British Hollow Smelter Site**
- 6:00-9:00 Dinner with General and Mrs. Grant, Ballroom  
**MHA Awards Presentation**

## SATURDAY JUNE 8

- 8:00-4:00 Vendors in the Lincoln Room
- 8:00-9:00 Session 4  
**Ed Raines**, *The Zinc Problem: Its Mineralogy, Metallurgy, Solution and the Results*
- 9:15-10:15 Session 5  
**Karen Vendl**, *William Keast and His Gold Mine Model*  
**L. Michael Kaas**, *Richard W. Pascoe, Mine Superintendent*  
**Angelina Fielding**, *Colonel William Stephen Hamilton: A Pioneer in the Midwest*
- 10:30-11:30 Session 6  
**Johnny Johnsson**, *Songs About Coal Mining in Popular Music*  
**William Culver**, *Book Dedications and Named Awards: The Case of James Douglas*  
**Brian Leech**, *Under/Over: How the Shift from Underground to Open-pit Mining Changed Workers' Social Lives, the View from Montana*
- 11:30-1:00 Presidential Luncheon, General's Room, DeSoto Hotel  
Passing of Presidential Rock Pick: **Bob Spude**, MHA President 2012-13  
**Roger Burt**, MHA President 2013-14  
Presidential Lecture: "*Drill, Baby, Drill!*" *A Brief History of Core Drilling*
- 1:00-2:00 Session 7  
**Ron James**, *Comstock Mining, Inc.: Modern Mining in a National Historic Landmark District*  
**Gage McKinney**, *The 1930s: No Depression Here—Mining Engineer Errol MacBoyle and the California Gold Mines*  
**Henry Djerlev**, *Cinnabar Creek, Alaska: Mercury Mining in the 1970s*
- 2:15-3:15 Session 8  
**Greg Drew**, *The Blinman Mine, South Australia 1862-2012*  
**Alaadin Tok**, *The Development of the Ottoman Mining Sector in the Nineteenth Century*  
**Eric Nystrom**, *Snapshot of an Emerging Profession: A Microdata Look at Mining Engineering in America in 1880*
- 3:30-4:30 Session 9  
**David Thayer and Douglas Thayer**, *The Aerial Tramways of the Highland Mary Mine, Cunningham Gulch, San Juan County, Colorado*  
**David Valentine**, *Charles Ladd's Seven Devils Copper Smelter*  
**Jeff Cook**, *Monongah, 1907: Safe as your Parlor*
- 4:30 MHA Business Meeting, (open to all members), DeSoto House Ballroom  
Dinner—open

## SUNDAY JUNE 9

- 8:00-5:00 **Field Trip to Shullsburg and Mineral Point**

# MHA 2013 Conference Registration Form

## Galena, Illinois — June 6-9, 2013

Your Name (for badge): \_\_\_\_\_

Spouse/Partner Name  
(for badge): \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City/State/Zip/Country: \_\_\_\_\_

Email / Telephone: \_\_\_\_\_

 Please list me in the conference packet I am a current member (2013 on mailing label)

Event	Cost per Attendee	Number Attending	Total per Event
Conference Registration: <i>Members = \$55, Non-Members = \$65, Spouse/Partner/Children = \$15 ea.</i>	<b>\$55 / \$65</b> \$15 each		
MHA Annual Membership (U.S. / International)	\$25 / \$35		
Thursday Tour: Iowa Mines of Spain / Shot Tower*	\$20		
Thursday Reception	\$12		
Friday Tour to Platteville/Potosi*	\$30		
Friday Awards Banquet, <i>By Pre-Registration Only</i> Broiled Salmon <i>OR</i>  (circle choice): Beef Tips & Spaetzle <i>OR</i>  Pasta DeSoto (Vegetarian)	\$35		
Saturday Presidential Luncheon, <i>By Pre-Registration Only</i> (salad, Taste of Italy buffet, dessert)	\$15		
Sunday Tour to Shullsburg/Mineral Point (includes box lunch)*	\$50		
<i>* Limited space available on tours, early registration encouraged. See trip descriptions.</i>	<b>Total Payment</b>		

**No on-site meal registration.**For additional conference information,  
contact Lynn and Mark Langenfeld:

lmlangenfeld@tds.net

Make checks payable to: **Mining History Association**  
(payments in U.S. dollars; Credit Cards **not** accepted)  
Mail completed registration form and payment by **May 1**,  
2013 to:

**Lynn & Mark Langenfeld**  
**N7111 County Rd. CC**  
**Monticello, WI 53570**

*Mining History Association*  
P.O. Box 552  
Sedalia, CO 80135

## **First Class Mail**

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### **Upcoming Events**

**2013 Mining History Association Conference**  
June 6-9, 2013  
Galena, IL

**National Association of Mining History Organizations (NAMHO) Conference**  
June 28-July 1, 2013  
Aberystwyth, Wales, UK

**Western History Association Conference**  
Oct. 9-12, 2013  
Tucson, AZ

**2014 Mining History Association Conference**  
June 5-8, 2014  
Trinidad, CO

**10th International Mining History Congress**  
July 8-14, 2014  
Charters Towers, Queensland, Australia

**2015 Mining History Association Conference**  
June 2015  
Virginia City / Comstock Lode, NV

The *Mining History News* is published quarterly by the Mining History Association. It is sent to MHA members who also receive the annual *Mining History Journal*. MHA is an organization of individuals interested in the history of mining and metallurgy. Submissions for the newsletter are encouraged and should be sent to Eric Nystrom at the MHA address or by email: [eric.nystrom@rit.edu](mailto:eric.nystrom@rit.edu).

Deadlines:    Spring issue: February 15  
                  Summer issue: June 15  
                  Fall issue: August 15  
                  Winter issue: November 15

Change of Address: Please send all address changes to Diane Dudley, Membership Chair, at:

**Mining History Association**  
P.O. Box 552  
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