



Mining and Metallurgical Society of America

P.O. Box 8383, Pueblo, CO 81008-8383

Phone: (303) 726-6431

Web site: <http://www.mmsa.net>

OFFICERS:

*President, Amy Jacobsen
Vice President, Mick Gavrilovic
Secretary, Jack McPartland
Treasurer, Chris Wyatt
Ex-Officio, Michael Blois*

COUNCILORS:

At-Large

*Dayan Anderson
Barney Guarnera
John Head
Xavier Ochoa
Curtis Clarke*

Colorado Section

*Jurgen Brune
Michael Gingles
Steve Hearn
Betty Gibbs
Bill Wilson*

Nevada Section

Jack McPartland

Utah Section

Mick McCaslin

SECTION CHAIRS/CONTACTS

*Arizona: Tony Troutman
Colorado: Robert Cameron
Nevada: Jack McPartland
Utah: Mick McCaslin*

EXECUTIVE DIRECTOR:

*Susan R Wager
contactmmsa@mmsa.net*

President's Message We Bring Good Things to Life¹

Unless you have been living on the moon, I'm sure you've probably heard the following slogans:

- "Everywhere You Want to Be®" – Visa
- "Confidence in Motion®" – Subaru
- "The Breakfast of Champions®" – Wheaties
- "The Quicker Picker Upper®" - Bounty

These slogans are designed bring to mind the logo, the product(s), the gimmicks and even the jingle. Like me, I'm sure that when you see "I'm lovin' it" you hear the little McDonalds jingle (did you just hear it?) or when you hear the words "Got Milk?®" you see milk mustaches (California Milk Processor Board) or when you think of Geico, Australian geckos and business-suited cavemen pop into your head.

So what does this have to do with MMSA? Like these slogans, the mere mention of certain names can bring images, emotions and impressions to our minds. When I think of MMSA, I think of an organization made up of some of the leading professionals in our industry. I think of the things a small, but energetic organization is capable of accomplishing such as being fundamental in establishing the US Bureau of Mines, launching the first Qualified Persons program in the US or facilitating meaningful multi-partisan dialogue aimed at solving Abandoned Mine Land issues.

What makes MMSA so great? OUR MEMBERS!!!

Another thing that makes MMSA so great is the fact that our purpose is in serving the national welfare of the U.S. as it relates to the Mineral Industries. Given our global economy, this objective can be extended to the world's Mineral Industries. In particular, the MMSA has the following objectives:

- The advancement of the Mining and Metallurgical Industries,
- The better protection of mining and metallurgical investors and workers
- The responsible development of mineral resources
- The increase and promotion of scientific knowledge in fields related to the Mineral Industries
- The encouragement of high professional ideals and ethics.



Amy E Jacobsen
MMSA President, 2019-2020

NEWS AT A GLANCE

2021 DUES

Regular Member—\$150

QP Member—\$250

+ \$50 for each QP category

Retired Members—\$50

for Regular

\$100 for QP

Due by January 1, 2021

Contact *Susan R Wager*
contactmmsa@mmsa.net

During the past several years, we have been striving to meet these objectives through various programs such as the Abandoned Mine Land symposiums, the continuing implementation of our QP program and continuing education efforts, webinars focusing on educating about critical minerals in a “green” economy, a professional mentoring program and the drafting of a due diligence foundational document that will be the focus of an upcoming webinar with numerous industry stakeholders. Our continuing financial support through the Jackling Fund of groups such as SME’s Minerals Education Coalition, the Mountain States Legal Foundation and the Women’s Mining Coalition Fly-in also helps us to meet the MMSA objectives.

All of this is great, but we can’t do it without members. Simply put - **We are a membership organization.**

In the upcoming months we will be launching a membership drive. Growing our membership is critical to our ongoing success. We must start bringing in new members who will be the future leaders of this organization as well as the source of fresh ideas and energy.

MMSA is a “by invite” organization. We cannot simply get members by advertising. Our members must be sponsored and this is where all our members come into the picture!

Here is my challenge to each of you:

Recruit one new member in the next 3

months. As I have said, all our members must be sponsored, so the role of recruitment is on every one of us. I know many of our members are in senior positions or have retired, but I’d be surprised if you can’t come up with one person who would make a great MMSA member.

Pay your dues. I have heard some folks say that they aren’t sure if they should stay a member because they aren’t active. Paying your dues makes you active. We are an organization with membership numbers that range from about 300 to 330. When you do the math, you will see that we do a lot on a very small budget of annual dues monies. The Jackling Fund cannot be used for operating funds, so your dues are what pays to keep the day-to-day activities going. We also support some of our key activities through the operating budget, which allows us to do more with the Jackling Fund.

Get involved. We have several active strategic committees that are always looking for new people. We are a small organization – that

makes it easier to get involved and to have your ideas heard. Have an idea for something MMSA can do to support our industry? Let us know!

I am excited about all MMSA is accomplishing! Help us to grow this organization so we can continue to be a viable, contributing organization dedicated to the advancement and betterment of the Minerals Industry. So – “What’s in your wallet@?”² I hope it is your MMSA membership “card” and all that MMSA can be for our industry!³

¹General Electric

²Capital One

³ This is a metaphorical “card.”

MMSA Committee News

Abandoned Mine Lands Committee

The AML committee is planning a two– hour panel webinar for April, 2021. An announcement with details will be sent out as soon as the details are finalized.

Government Committee

The MMSA Government Committee hosted a special meeting in February and invited the Women’s Mining Coalition (WMC), the Society for Mining, Metallurgy and Exploration (SME), the National Mining Association (NMA), The American Exploration and Mining Association (AEMA), and the Colorado Mining Association (CMA) to join the MMSA Government Committee meeting.

This was an informal meeting that allowed each of the associations to discuss their current activities, particularly with respect to the change in the Presidential Administration. The purpose was to ensure that efforts were supportive without being duplicated and to ask how the MMSA could support other organizations. The meeting was informative and will be repeated from time to time through out the coming year.

Quality Membership Committee

The pilot mentorship program is progression and the committee will now turn it’s attention to member recruitment.

The Quality Membership Committee will launch a membership drive to attract more members to MMSA. The committee is currently preparing materials to facilitate discussions with potential members. All MMSA members are encouraged to look around at colleagues and associates for possible new MMSA members. The membership requirements are available on the MMSA website. Supporting information is being updated and will also be available on the MMSA website. Also see the MMSA President's message in this issue.

QP Enhancement Committee

The QP Enhancement Committee has an upcoming webinar:

Materiality in Regulation S-K 1300 Technical Reports

Kwame Awuah-Offei, PhD, PE
1pm MT Friday, March 5, 2021

Annual reports filed with the US Securities and Exchange Commission (SEC) covering any fiscal year that starts on or after January 1, 2021 would have to comply the Commission's new rules on mining property disclosures (Regulation S-K subpart 1300). S-K 1300 requires mining companies to provide certain disclosures about their material mining properties and attach a technical report summary (TRS) prepared by a qualified person as an exhibit, if they are disclosing mineral resources and reserves for the first time or material changes to their previous resource and reserve disclosure. The SEC's rules require that the qualified person include certain information "to the extent the information is material" (17 CFR § 229.601(b)(96)(iii) (B)) and cautioned that the TRS should not contain large amounts of information.

You must sign up in advance for this free Zoom event at:

https://us02web.zoom.us/webinar/register/WN_RsgS95V5TdC1EvO38DIhwg

The Committee is looking into other avenues for QP Enhancement and would like to hear from MMSA members that have material for future

webinars. Please send your suggestions and information to

Susan R Wager contactmmsa@mmsa.net

The Next Big Thing Committee

A sub-committee of Mike Gingles, Mike Blois, Jim Hesketh and Nick Michael refined the ideas that have been discussed and has produced a document summarizing Due Diligence fundamentals. The committee is in the planning stages of a webinar with a panel and break-out sessions to discuss the questions put forth in this document. The webinar will be held April 23, 2021. The past problems with due diligence reports have not been in the execution of the technical portions of the reports, but in a lack of understanding of the fundamental foundation of the due diligence process. These questions are intended to establish a firm understanding of the due diligence process, and the committee needs feedback from the larger community to further refine the process.

Bureau of Land Management

Bureau of Land Management: The Mineral & Land Records System (MLRS) claims module is now live, see [MLRS bulletin announcement](#) (full URL below) containing useful information on the system. Please [subscribe to our MLRS email list](#) to receive future similar announcements and updates.

MLRS bulletin URL: <https://content.govdelivery.com/accounts/USDOI/bulletins/2c1ed72>

If you can't find what you're looking for in the MLRS Help Center, submit your questions at <https://phd.blm.gov> and someone from the team will respond. Select "Mineral and Land Records System (MLRS)" from the Application dropdown and fill out the fields with as much detail as possible.

MMSA Annual Meeting March 24, 2021 1:00 pm MT

The MMSA Annual meeting will be held on March 24, 2021 at 1:00pm MT via Zoom.

The state of te MMSA, financial reports, and new officers and councilors will be on the agenda. Proxies will be emailed March 3, 2021. Please be sure to return your proxies in case you are not able to attend the meeting in person via Zoom.

Please register in advance for this meeting at

<https://us02web.zoom.us/meeting/register/tZYlcuiozpzMtHNwUO95dhau1Uf9sxYX6Xc1B>

Other Government News

Senator Catherine Cortez Masto (D-NV) will help direct policy over public lands and other issues as chair of the Energy and Natural Resources Committee’s Public Lands, Forests, and Mining Subcommittee during the current two-year legislative session. The subcommittee has jurisdiction over the Bureau of Land Management (BLM), which controls much of the nation's public lands.

SME Selects Ta Li for the William L. Saunders Gold Medal.

The Society for Mining, Metallurgy & Exploration’s Mining & Exploration Division William L. Saunders Gold Medal Award Committee has selected long-time SME member Ta Li as the 2021 recipient of the prestigious William L. Saunders Gold Medal. The award was established in 1927 and recognizes distinguished achievement in mining other than coal.

Ta is the recently retired Vice President of Operations-Mining for Tetra Tech, Inc., Golden, CO. He graduated from Columbia University in 1970 with a BS in Mining Engineering. Upon graduation, he began his career as a production supervisor at the Bingham Canyon Copper Mine for Kennecott Copper Corp. Relocating to New York City, he became the Associate Editor for E&MJ, a McGraw Hill Publication. In 1974, he joined SME as Technical Editor of Mining Engineering magazine, ultimately serving as Editor in Chief. He published many articles on global mining operations. Following his time with SME, he worked for many engineering consulting firms, the latest being Washington Group International, Inc.

Membership Update

Regular Member Additions:

None

QP Applications:

Bryson Hinkins

Phillip Allen,

QP Applications in Process:

Anton Chan (Add QP in Ore Reserves),

Leo Borrher(Add QP in Ore Reserves)

Membership Deletions:

David McLaren, Ramon T Davilia Flores, Jay McCloskey, Michael Seward

Endorsers

Endorsers

Brett Allen, Greg Gold, Michael McCarter

Lew Kleinhans, Mary Little, Sergai Diakov

MMSA presently has a total of 330 members, two in process. Currently, **201** members are QP members. Additions, deletions and routine changes to the Society’s data base and member biographies are accessible through the Members On-ly page in our web site, at www.mmsa.net. This data base is the best source for information on any particular member.