



**MINERALOGICAL SOCIETY
OF
AMERICA**

**2021
ANNUAL REPORT**



In 2021, MSA . . .



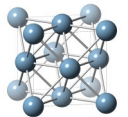
. . . celebrated the second Minerals Day on October 11, 2021, as part of Earth Science Week.

. . . launched the Buseck Lectures thanks to the generosity of MSA member Dr. Peter R. Buseck.



. . . thanked 2021 President Mark Ghiorso for his leadership and welcomed 2022 President Pamela Burnley.

. . . continued to post online teaching resources for virtual courses in mineralogy, petrology, and geochemistry.



. . . grew our social media presence by adding an Instagram account.

♦ . . formed MSA's first Diversity, Equity, and Inclusion Committee.

DEI



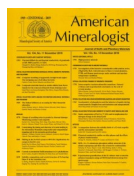
. . . held its 2020 and 2021 MSA Awards Ceremonies via Zoom and recorded them for the MSA YouTube Channel.

. . . surveyed its student members to gauge their interest in an MSA mentorship program.



♦ . . Awarded three student research grants (one crystallography and two mineralogy/petrology).

. . . surveyed its academic membership about the status of mineralogy and petrology in higher education.



. . . published 166 science papers from 33 countries in the *American Mineralogist*.

LETTER FROM MSA PRESIDENTS



Mark Ghiorso



Pamela Burnley

2021 was year two under pandemic restrictions, but MSA adjusted, adapted, and kept going. “Going virtual” became the new way of things, and MSA did its best to take advantage of the expanded reach afforded by this new way of holding meetings and events. A bonus benefit was the ability to record sessions via Zoom for sharing on the MSA YouTube Channel.

The MSA Lecture Program expanded in a new and exciting way. Long-time MSA member Dr. Peter R. Buseck made a very generous gift to MSA to launch two new features of the Distinguished Lecture Program: A *Public Lecture* and a *New Directions in Mineralogy and Petrology Lecture*. MSA extends its sincerest thanks to Dr. Buseck for making the new lectures possible.

MSA established its first DEI Committee. MSA Council formed a Diversity Task Force in 2020 to explore ways in which the organization could address the needs of those who are typically underrepresented in the geosciences. The Task Force made so much progress during 2020 that MSA Council voted to convert the Task Force into a standing Diversity, Equity, and Inclusion (DEI) Committee in 2021.

MSA publications continued to do well. As in 2020, *American Mineralogist* once again received a very large number of submissions in 2021. *Elements* magazine published thematic issues on Speleothems, the European Alps, and Geoscience Beyond the Solar System, among other exciting topics.

MSA recognized medalists and awarded student research grants. Our student recipient of the Kraus Crystallographic Grant was Si Athena Chen of Penn State University. Winners of the Mineralogy/Petrology Research Grant were Eva Baransky, Northern Arizona University and Juliet Ryan-Davis of Cal Tech. MSA held two virtual awards ceremonies late in 2021 for the 2020 and 2021 medalists. These sessions were recorded and are available on MSA’s YouTube Channel.

Education programs reached audiences at all levels. The Mineralogy4Kids website was completely re-built and re-launched in 2021. MSA celebrated the second annual Minerals Day on October 11 with the theme: *Cool Careers in the Geosciences*. Two new downloadable career posters and a series of recorded webinars were available via the Minerals Day website. In addition, MSA continued to add to its Online Teaching Resources collection to assist anyone teaching geoscience courses.

Mark S. Ghiorso
2021 MSA President

Pamela Burnley
2022 MSA President



MISSION

The Mineralogical Society of America (MSA) was founded in 1919 for the advancement of mineralogy, crystallography, geochemistry, petrology, and promotion of their uses in other sciences, industry, and the arts. MSA encourages fundamental research about natural materials; supports the teaching of mineralogical concepts and procedures; and works to raise the scientific literacy of society on issues involving mineralogy in the widest sense. The Society encourages the preservation of mineral collections, displays, mineral localities, type minerals and scientific data. MSA represents the United States internationally with regard to the science of mineralogy.

To accomplish its goals, the Society publishes journals, magazines, and books, as well as uses short courses, lectureships, Internet website, awards, grants, symposia, and meetings for professionals, students, and the public. MSA depends on the involvement of all individuals who are concerned with the health and direction of the field of mineralogy. The society cooperates with other scientific and organizations, and continually explores and adopts new programs and policies to better serve its members.

MEMBERS

Membership in the Society is open to any person interested in mineralogy and related sciences regardless of residence or citizenship. Individuals from all 50 states, the District of Columbia, several territories, and about 40 countries belong to the Society, giving it and its publications an international aspect. In addition to joining a global community of mineralogists and petrologists,

MSA Members receive online access to *American Mineralogist*, print and electronic access to *Elements* magazine, and discounts on publications and registrations.

The membership of the Society comprises Honorary Fellows, Fellows, Members, Early Career, Students, Senior Fellows and Members, and Sustaining Fellows and Members. All members are eligible to participate in Society affairs.

In 2021, membership was 1,893.

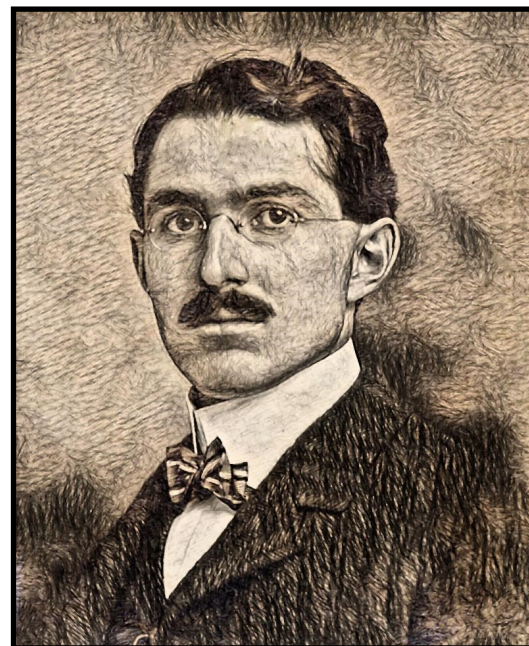


MSA HISTORY

The Mineralogical Society of America (MSA) was founded in 1919 in Boston, MA by Dr. Edward H. Kraus of the University of Michigan. Twenty-eight mineralogists attended the organizational meeting of MSA on December 30, 1919 at the Harvard University Geological Museum. The first meeting of the Executive Council was the next day, at which time, a vote was taken to make *The American Mineralogist*, first published in 1916, the Society's journal.

MSA had its first annual meeting in 1920. Thereafter, MSA focused its attentions on improving the journal and the financial health of the society, a task made easier by a gift from Washington Roebling in 1927, but then more difficult by the Great Depression and WW II. Except for initiating the Roebling Medal in 1937 and the MSA Award in 1950, MSA remained much the same for years.

From the time of the organization's 50th anniversary, however, MSA started to expand its programming: Special publications in the 1960s; short courses, *Reviews*, and research grants in the 1970s; Lecture Program, AMU Awards, and a stand-alone office in the 1980s, Distinguished Public Service Medal, monographs, textbooks, MSA-Talk, and website in the 1990s; Mineralogy-4-Kids, Ask-a-Mineralogist, Dana Medal, *Handbook of Mineralogy*, GeoScienceWorld, online archive of the *American Mineralogist*, and *Elements* magazine in the 2000s.



MSA's Founder, Dr. Edward H. Kraus

MSA GOVERNANCE

Officers and Council

The MSA Council, which meets three times a year, is comprised of the President, Past-President, Vice-President, Treasurer, Secretary, and six Councilors elected from the membership. The President, Past-President, Vice-President, Secretary, Treasurer form the Executive Committee, which governs the Society when Council is not in session.

Both the 2020 and 2021 Council Members are included in this report, as the 2021 term began on October 16, 2021 at the First 2021 Council Meeting held virtually via Zoom.

2021 Council

Officers



Mark Ghorso, President
University of Washington



Carol D. Frost, Past President
University of Wyoming



Pamela Burnley, Vice-President
University of Nevada Las Vegas



Kimberly Tait, Secretary
Royal Ontario Museum



Glenn Gaetani, Treasurer
Woods Hole Oceanographic Institution

Councilors



Adam Simon
University of Michigan



Mark Caddick
Virginia Tech



Przemyslaw Dera
University of Hawaii at Manoa



Francis McCubbin
NASA Johnson Space Center



Jennifer Jackson
California Institute of Technology



Robert Bodnar
Virginia Tech

2022 Council

Officers



Pamela Burnley, President
University of Nevada Las Vegas



Mark Ghorso, Past President
University of Washington



Jeffrey Post, Vice-President
Smithsonian Institution



Kimberly Tait, Secretary
Royal Ontario Museum



Glenn Gaetani, Treasurer
Woods Hole Oceanographic Institution

Councilors



Przemyslaw Dera
University of Hawaii at Manoa



Francis McCubbin
NASA Johnson Space Center



Jennifer Jackson
California Institute of Technology



Robert Bodnar
Virginia Tech



Marian Holness
University of Cambridge



Astrid Holzheid
Universität Kiel

Minerals Day

MSA collaborated with Earth Science Week (American Geosciences Institute—AGI) to host the second annual Minerals Day on October 11, 2021, the Monday of Earth Science Week (ESW). The MSA theme for Minerals Day 2021 was *Cool Careers in the Geosciences*.

MSA worked with its Minerals Day Partners to develop two downloadable careers posters, host a series of webinars, and augment online educational resource. The webinars, which also focused on careers, are available on the MSA YouTube Channel. Minerals Day Partners included AGI, ESW, The Gemological Institute of America, the U.S. Geological Survey, The National Stone, Sand, and Gravel Association (NSSGA), and the Industrial Minerals Association—North America. The URL for the Minerals Day micro-site is www.mineralsday.org.

Minerals Day 2021 Cool Careers



Forensic Geoscience

Forensic geoscientists apply their knowledge and skills to the analysis of evidence to solve crimes. This can involve soil analysis, gemstone identification, metallurgy, and other areas. Forensic geoscientists can also serve as expert witnesses in court cases.



Planetary Mineralogy

Mineralogists and petrologists who work for the National Aeronautics and Space Administration (NASA) are responsible for studying and analyzing extraterrestrial rocks and minerals and data from planetary missions to tell the story of how planets, asteroids, and other celestial bodies formed and changed over time.

Photo credit: NASA/JPL-Caltech/MSSS



Gemology

Gemology is the study of gems. It is an Earth science that is related to mineralogy. If you like rocks and minerals, you might enjoy working as a gemologist. A gemologist uses a microscope, loupe, and other instruments to identify gems and determine their quality. Field gemologists help determine the origin of gemstones by visiting mines around the world and collecting samples to study.



Construction Aggregate

Construction aggregates are the crushed stone, sand, gravel, slag and other particles that constitute 80-90 percent of what we commonly call concrete and asphalt. Aggregates are essential for most of the infrastructure projects in the world: roads, bridge, buildings, etc. Geoscientists in this industry are responsible for identifying sources of aggregates, mapping these sources, designing mine plans, analyzing land use information, and much more.

Photo credit: R. Crosbie - CRH Americas

Logos: GIA, USGS, NSSGA, EARTH SCIENCE WEEK

Minerals Day 2021 Cool Careers



Glass and Ceramics Industry

This industry produces many of the materials and components on which modern technologies rely. The industry depends greatly on the expertise and innovation of its materials scientists and engineers.



Museum Curator

A museum curator for gems and minerals is a scientist with profound knowledge of his or her subject area. The curator is responsible for guiding the museum in establishing and maintaining its collections, as well as advising on how the collections are displayed so as to be most educational to the public.



K-12 Earth Science Teaching

Teaching Earth Science to K-12 students is a rewarding and challenging career. Teachers plan and teach lessons, mentor and encourage their students, and strive to develop a life-long interest in the sciences. A bachelor's degree is the minimum requirement for most school districts.



Scientific Federal Agencies

A number of federal agencies hire mineralogists and petrologists for a wide variety of tasks. The National Science Foundation, for example, exists to provide grants for scientific research. Program Officers there must have the necessary scientific expertise to decide which grant proposals are worthy of funding. Another example is the U.S. Geological Survey (USGS). The USGS hires all types of scientists, particularly those with degrees in the geosciences.

Logos: GIA, USGS, NSSGA, EARTH SCIENCE WEEK

These downloadable posters are on the Minerals Day site. MSA would like to thank Sean Navat Balanon for creating the posters.

Minerals Day

As part of the Minerals Day celebration during Earth Science Week, MSA hosted a series of online presentations highlighting career opportunities in the geosciences. MSA would like to thank the presenters for so generously sharing their time and expertise. The presentations can be found on MSA's YouTube Channel at this link: <https://www.youtube.com/channel/UC43D1PLrmBkChtrsNi2y7YQ>.

Presenters included:

Dr. Bruce Aitken and Dr. Adam Sarafian,
Corning, Inc.

[*Careers in Material Science*](#)

Mr. Forrest Carithers, Mr. Dom D'Amato,
and Mr. Ryan Klockner, Young Mineral Col-
lectors

[*Connecting Youth to Mineral
Collecting*](#)

Mr. Ryan Crosbie, CRH Americas Law Group

[*Careers in Mining and Aggregate*](#)

Dr. Carol D. Frost, University of Wyoming

[*A Rotator Position at the National
Science Foundation*](#)

Dr. George Harlow, American Museum of Natural
History

[*Careers in Gem and Mineral
Museum Curation*](#)

Mr. Thomas Hale, Friends of Mineralogy, Virginia
Chapter

[*Mineral Diplomacy*](#)

Mr. Mark Jacobson, Friends of Mineralogy

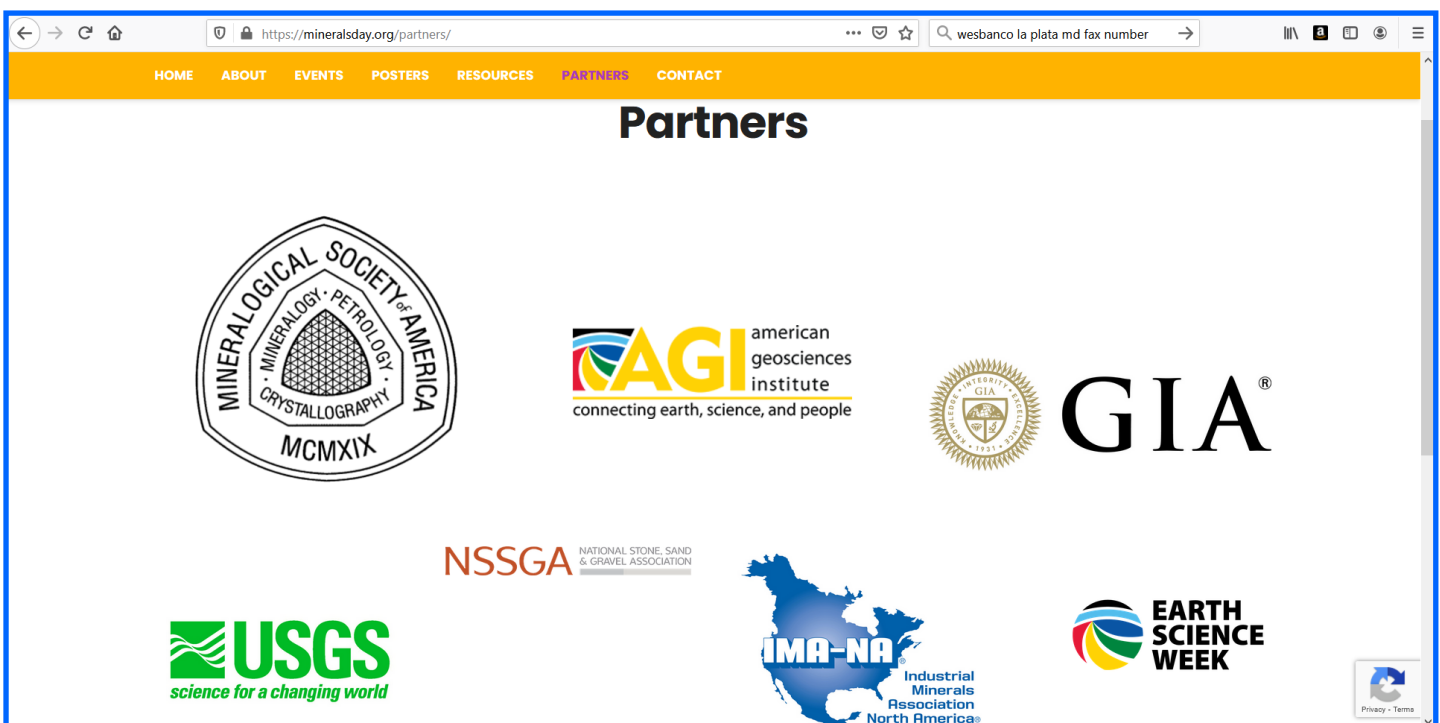
[*Friends of Mineralogy*](#)

Mr. Sean Karoly, Geosyntec Consultants

[*Careers in Environmental Consulting*](#)

Dr. Eugene Peters, FBI Laboratory

[*Science Careers at the FBI Laboratory*](#)



Programs

Distinguished Lecturer Program

Since 1989, MSA has offered schools the opportunity to hear talks about recent advances in mineralogy through its Distinguished Lecturer Program.

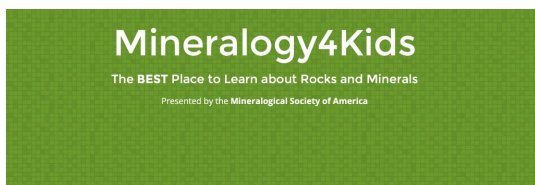
MSA pays travel expenses of the Lecturers and the host institution is responsible for local expenses, including accommodation and meals. In 2021, the Lecture Program was suspended, due to the pandemic.

In 2021:

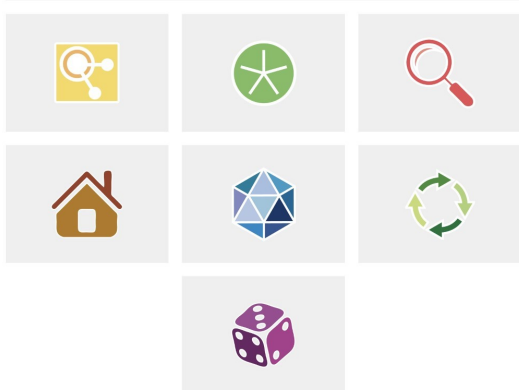
- ◆ The two Peter R. Buseck Lectures were established as a result of a generous gift from long-time MSA Member Dr. Peter R. Buseck, Arizona State University.



Dr. Peter R. Buseck



Welcome to MSA's Rockin' Internet Site



You can find **K-12 Resources** on the MSA web site at www.min4kids.org. **Mineralogy4Kids** is a mini-site with information for students and teachers on mineral groups, properties, and identification; household minerals; crystals; the rock cycle; and mineral games. It is the **most visited** part of the MSA website.

Education Programs

MSA's education programs include short courses, workshops, the Minerals Day website, Online Teaching Resources, and Mineralogy4Kids.

Short Courses are two- to four-day, in-depth instructional courses, typically given in conjunction with major meetings. They are taught by several invited speakers who also write the accompanying *Reviews in Mineralogy and Geochemistry* volume. There have been 58 courses since 1974.

In 2021:

- ◆ There were no Short Courses due to the pandemic.
- ◆ MSA continued to add to its [Online Teaching Resources](#) portion of its website with labs, content, textbooks, videos, teaching suggestions and many other resources suggested by subscribers to MSA-Talk.

Research Grants

Mineralogy/Petrology Research Grant

The Mineralogical Society of America's Grants for Student Research in Mineralogy and Petrology are funded by an endowment created by contributions from the MSA membership.

The grant comprises two awards of up to \$5,000 each for research in mineralogy and petrology. Students, including graduate and undergraduate students, may apply.

All proposals are considered together. The award selection will be based on the qualifications of the applicant, the quality, innovativeness, and scientific significance of the research, and the likelihood of success of the project.

The 2021 winners of the grant were **Eva Baransky**, Northern Arizona University, Flagstaff, AZ, USA - *Investigating Ni isotope fractionation during interaction with birnessite and implications for the marine Ni budget* and **Juliet Ryan-Davis**, California Institute of Technology, Pasadena, CA, USA - *Developing fs-LA-MC-ICPMS protocol for in situ Sr isotope analyses in clinopyroxene: Quantifying mantle-derived inputs across the Sierra Nevada batholith*.



Eva Baransky



Juliet Ryan-Davis



Si Athena Chen

Kraus Crystallography Research Grant

The Mineralogical Society of America's Grant for Research in Crystallography is funded by the Edward H. Kraus Crystallographic Research Fund with contributions from MSA members and friends. The grant awards up to \$5,000 for research in the field of mineralogical crystallography. This grant targets projects within the areas of mineralogy, crystal chemistry, petrology, mineral physics, biomineralization, and geochemistry that can employ a variety of crystallographic, spectroscopic, analytical, and computational techniques. Graduate and undergraduate students, as well as beginning faculty and young researchers are encouraged to apply. All proposals are considered together.

The 2021 winner of the Kraus Grant was **Si Athena Chen**, Pennsylvania State University, State College, PA, USA for her project *Superhydrous hematite and goethite: A potential water reservoir in the red dust of Mars?*

Awards

Roebling Medal



First awarded in 1937, the Roebling Medal is the Society's highest honor. It is given in recognition of an individual's lifetime scientific eminence as represented primarily by publication of outstanding original research in mineralogy.

The 2021 Roebling Medal awardee was **Dr. George Rossman** of the California Institute of Technology, Pasadena, California, USA . Dr. Rossman has 345 publications listed on the Web of Science with an h-index of 66. For many years he has studied incorporation of light elements into minerals, and has made vital contributions to research into the causes of color in minerals. His work in other areas of mineralogy and spectroscopy has influenced scientists, particularly planetary scientists, in a wide variety of disciplines.

MSA is proud to recognize Dr. Rossman's seminal achievements by presenting him with the Roebling Medal.



Dr. George Rossman



Dr. Sergey Krivovichev

Dana Medal



This award recognizes sustained outstanding scientific contributions through original research in the mineralogical sciences by an individual in the midst of his or her career who has not been previously recognized [for his/her achievements-remove] as a recipient of the MSA Award.

The 2021 Dana Medal awardee was **Dr. Sergey Krivovichev**, St. Petersburg State University, St. Petersburg, Republic of Russia. Dr. Krivovichev's laboratory in St. Petersburg has become the primary center for experimental inorganic crystallography in Russia.

Dr. Krivovichev's publication record (many papers, chapters, and books), as well as his influential work in both experimental and theoretical mineralogy, have earned him the recognition of his community. MSA is pleased to present him with the 2021 Dana Medal.

Awards

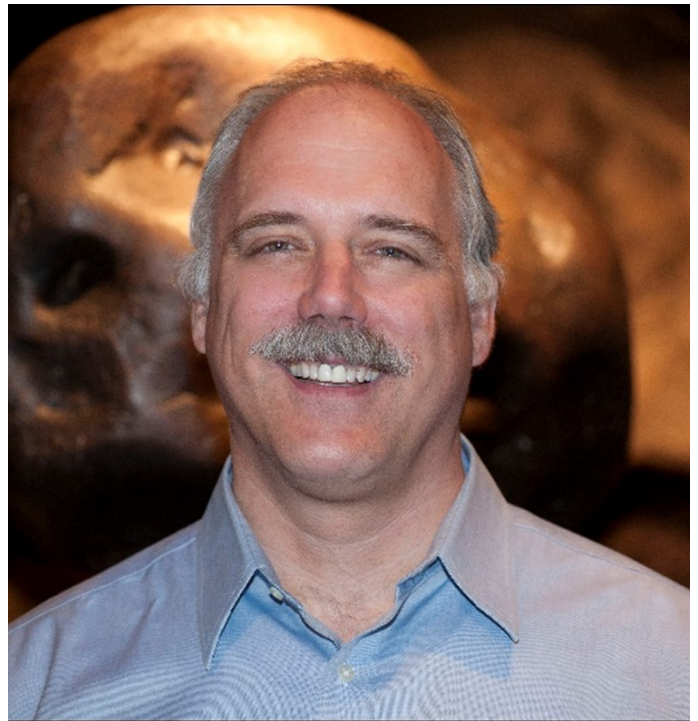
2021 Distinguished Public Service Medal



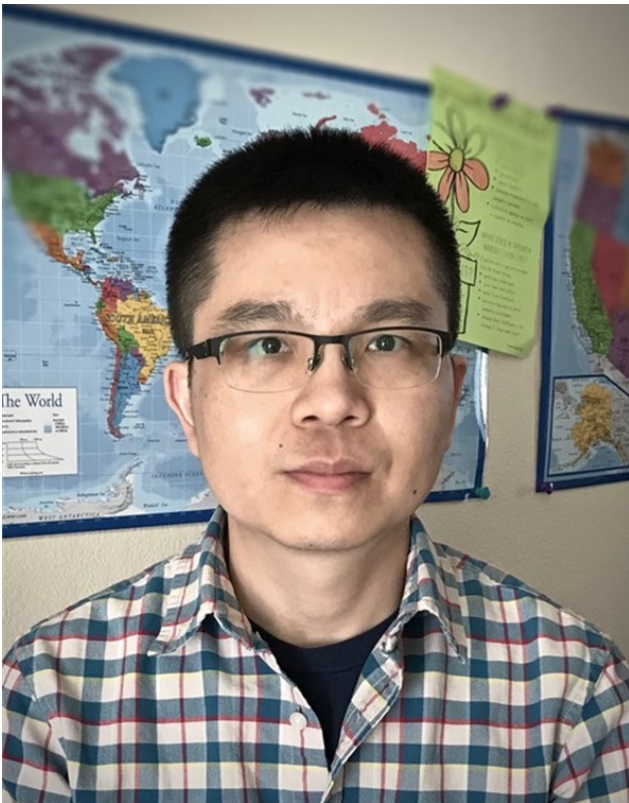
The MSA Distinguished Public Service Medal is given every other year. It is awarded by the MSA Council to individuals or organizations who have made important contributions to furthering the vitality of the geological sciences, especially, but not necessarily in the fields of mineralogy, geochemistry, petrology, and crystallography.

The 2021 recipient of the MSA Distinguished Public Service Medal was **Dr. Denton Ebel** of the American Museum of Natural History, New York, New York, USA.

The award recognizes and celebrates Dr. Ebel's work in public education at AMNH through lectures, innovative museum exhibitions, scientific meetings, and other, ground-breaking, outreach programs. MSA is delighted to recognize Dr. Ebel's many contributions to geo-science education.



Dr. Denton Ebel



Dr. Chenguang Sun

2021 MSA Award

This is an award for an outstanding single or series of published contributions in the areas of mineralogy, crystallography, geochemistry, petrology, or related fields. The award is meant to recognize an early career scientist. The 2021 MSA Awardee was **Dr. Chenguang Sun** of the University of Texas, Austin, Texas, USA.

Dr. Sun's research has contributed significantly to knowledge in quantifying trace element distribution in major rock-forming minerals, thermal history of mafic and ultramafic rocks, and carbonatite melt and peridotite interaction.

For his many achievements, MSA is pleased to award Dr. Sun the 2021 MSA Award.

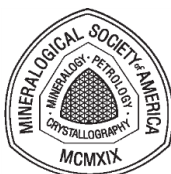
Undergraduate Prize

The Mineralogical Society of America's **Undergraduate Prize** (formerly *American Mineralogist* Undergraduate (AMU) Award) program recognizes outstanding students who have shown an interest and ability in the discipline of mineralogy. Each student was cited by his or her department for outstanding achievement in mineralogy-related courses. The MSA Prize allow MSA to join with the individual faculty to formally recognize outstanding students.

Each student is presented a certificate at an awards ceremony at his or her university or college. In addition, each recipient receives a student membership in MSA with access to the electronic version of *American Mineralogist* and *Elements*, as well as in *Reviews in Mineralogy and Geochemistry* or *Monograph* volume chosen by the sponsor, student, or both.

Recipients of the 2021 Undergraduate Prize:

- Taryn S. Adam, Missouri University of Science and Technology, Sponsored by Dr. John P. Hogan
- Saif Alhajri, The University of Texas at Austin, Sponsored by Dr. Elizabeth Catlos
- Caitlin Bates, California State University Fullerton, Sponsored by Dr. Vali Memeti
- Mia Boothroyd, University of Otago, Sponsored by Dr. J. Michael Palin
- Michelle Chambers, University of California Santa Barbara, Sponsored by Prof. Roberta Rudnick
- Leo Champagne, Mount Royal University, Sponsored by Dr. Michael Clark
- Sarah Copertino, University of Wyoming, Sponsored by Dr. Simone Runyon
- Kathryn Cordeiro, University of California Santa Barbara, Sponsored by Dr. Matthew Rioux
- Logan T. Dickson, University of Oklahoma, Sponsored by Dr. Andrew S. Elwood Madden
- Braden R. Fox, University of Oklahoma, Sponsored by Dr. Andrew S. Elwood Madden
- Zephyr Girard, University of California Santa Barbara, Sponsored by Dr. Matthew Rioux
- Matt R. Gordon, Towson University, Sponsored by Dr. Michelle Casey
- Hannah Haleigh Jackson, Williams College, Sponsored by Prof. R. A. Wobus
- Josephine Jorgensen, University of California Santa Barbara, Sponsored by Prof. Roberta Rudnick
- Logan T. Little, Appalachian State University, Sponsored by Prof. Sarah Carmichael
- Thomas McCoy-Bruce, Furman University, Sponsored by Prof. Suresh Muthukrishnan
- Victoria E. D. McLoughlin, Smith College, Sponsored by Dr. Sarah E. Mazza
- Ericka McMahan, Florida State University, Sponsored by Prof. Mainak Mookherjee
- Madeline R. Mennenga, Grand Valley State University, Sponsored by Dr. Virginia L. Peterson
- Wil Munro, University of Victoria, Sponsored by Prof. Dante Canil
- Amber Nguyen, The University of Texas at Austin, Sponsored by Prof. Jung-Fu Lin
- Aaron Paynter, The University of British Columbia, Sponsored by Prof. James S. Scoates
- Sarah Pimentel, The University of Tennessee Chattanooga, Sponsored by Dr. Amy Brock-Hon
- Clara Sismondo, The University of British Columbia, Sponsored by Dr. James Scoates
- Kathleen Usary, Towson University, Sponsored by Dr. Wendy R. Nelson



2021 Fellows

Members who have contributed significantly to the advancement of mineralogy, crystallography, geochemistry, petrology, or allied sciences and whose scientific contribution used mineralogical studies or data, may be designated as Fellows upon proper accreditation by the Committee on Nomination for Fellows and election by the Council. Recipients of the Roebling Medal and Mineralogical Society of America Award automatically become Fellows. The 2021 Fellows are pictured below in alphabetical order.



Nathalie Bolfan-Casanova
Universite Blaise Pascal



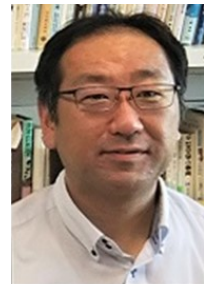
John Cottle
University of California-Santa Barbara



John Dilles
Oregon State University



Anita Grunder
Oregon State University



Toru Inoue
Hiroshima University



Jacob Lowenstern
USGS



Michihiko Nakamura
Tohoku University



Urs Schaltegger
Universite de Geneve



Richard Secco
University of Western Ontario



Allan Treiman
Lunar and Planetary Institute



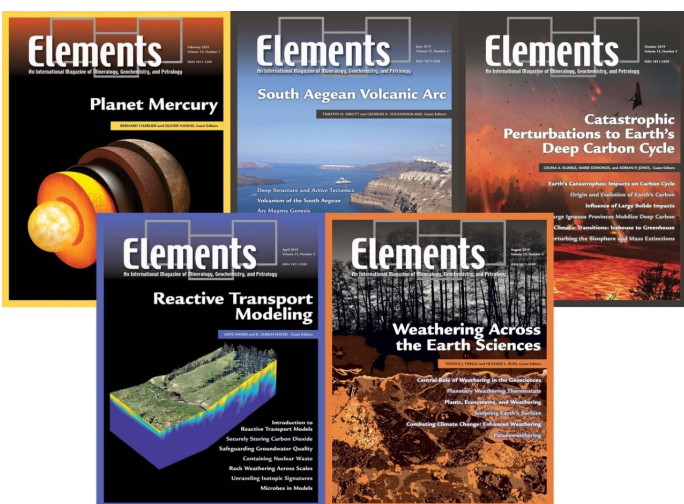
Publications

American Mineralogist

American Mineralogist, subtitled *An International Journal of Earth and Planetary Materials*, is the print journal of the Society, and it has continuously appeared since 1916. It publishes the results of original scientific research in the fields of mineralogy, crystallography, geochemistry, and petrology with the goal of providing readers with the best in earth science research. Editors are Dr. Donald Baker, McGill University, Montreal, Quebec, Canada, and Dr. Hongwu Xu, Los Alamos National Laboratory, Los Alamos New Mexico, USA.

In 2021:

- ◆ Journal Impact Factor increased to 3.003.
- ◆ 1,224 institutional subscribers (including GeoScienceWorld and DeGruyter subscribers).
- ◆ 380 paper submissions; 166 papers published from 33 countries.
- ◆ 56% acceptance rate; 2007 total pages.



Elements

Elements is an international magazine of mineralogy, petrology, and geochemistry, which was founded in 2005. Published bimonthly, every issue explores a theme of broad and current interest. *Elements* publishes invited peer-reviewed articles for each thematic collection of papers.

The magazine also publishes such regular features as opinion articles, event calendar, short course announcements, awards, conference reports, policy news, as well as news of the 18 participating geoscientific societies.

In 2021:

- ◆ *Elements* had a combined institutional and individual subscriber base of 15,000.

Communications

MSA-Talk

MSA-Talk is an extremely active listserv moderated by the MSA Business Office. Postings include mineralogical questions, jobs, equipment requests, teaching suggestions, upcoming conferences, calls for papers and other similar items.

In 2021:

MSA-Talk had 3,486 subscribers.

MSA Website

The MSA website at www.minsocam.org is the public face of MSA, with information about the organization, publications, grants and awards, governance, membership, and special events.

In 2021:

- ◆ In response to online teaching needs due to continuing pandemic closures at schools, colleges and universities, MSA added more links to the **Online Teaching Resources** section under Education and Outreach.

MSA on Instagram and Twitter

MSA's Twitter handle is @MinSocAm. The username for the Instagram account is *minsocam*.

In 2021:

- ◆ MSA opened its Instagram account in May with the support of Council. The account is moderated by MSA Social Media Liaison, Dr. Andrea Koziol of the University of Dayton. The Instagram account has 94 Followers.
- ◆ The Twitter account, set up in 2020, now has 643 followers and follows 13 other societies.

MSA-Announce

MSA-Announce is a monthly e-newsletter sent to MSA members when a new issue of *American Mineralogist* is available online.

MSA-Announce also includes information about new publications available through MSA, deadlines for awards and grants, and upcoming events and conferences.

MSA on Facebook

MSA's Facebook (FB) page and group are also moderated by Andrea Koziol.

In 2021:

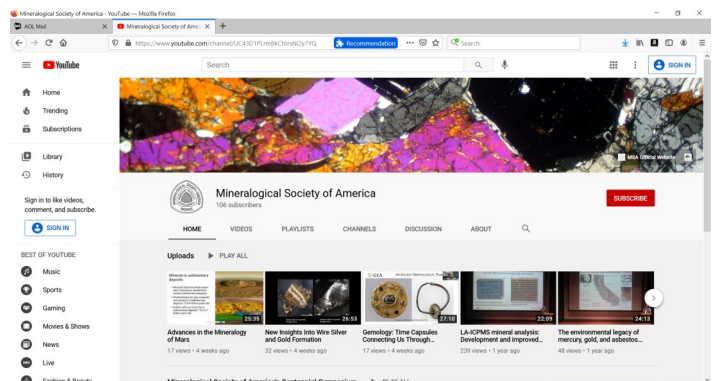
- ◆ MSA's FB group had 58,943 members.
- ◆ MSA's FB page had 2,997 Likes and 3,670 total Followers.

MSA on YouTube

MSA's YouTube Channel features videos on a range of topics in mineralogy, petrology, and geochemistry.

In 2021:

- ◆ MSA posted all of the Minerals Day career videos on its YouTube Channel, as well as the recordings of the 2020 and 2021 virtual Awards Ceremonies.



Individual Contributors

Many members contribute to MSA by including a donation with their annual dues and/or by responding to special appeals. Depending on the wishes of the member, the money is deposited with the principal of the MSA Endowment, the J. Alexander Speer Outreach Fund, MSA Mineralogy/Petrology Fund, J. B. Thompson Fund, Edward H. Kraus Crystallographic Research Fund, F. Donald Bloss Fund, or General Operating Funds.

The income of these Funds is used to support MSA's research grants in crystallography, mineralogy, and petrology; the *MSA* Undergraduate Prizes; the Mineralogical Society of America Award; the Distinguished Public Service Award, the Dana Medal, the Roebling Medal; the website, and the Distinguished Lecturer program.

Here we want to extend our gratitude to the 497 MSA Members who contributed a total of \$259,324.00 to MSA between 07/01/2020 and 06/30/2021.

Institutional and Corporate Contributors

MSA would like to thank those institutional and corporate donors who supported the organization in 2021. These organizations included:

Gemological Institute of America

Excalibur Mineral Corporation

Vulcan Materials Company



In Memoriam

Paul Barton-Life Fellow

Carl Bowser-Senior Fellow

Charles Burnham-Senior Fellow and Past MSA

President

Douglas Coombs-Life Fellow

Forrest Cureton-Life Member

Tsu-ming Han-Senior Member



Contact Us



Business Address

MSA headquarters is located approximately five miles from Dulles International Airport. In addition to MSA's staff, the office is also headquarters for The Clay Minerals Society. The mailing address is:

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