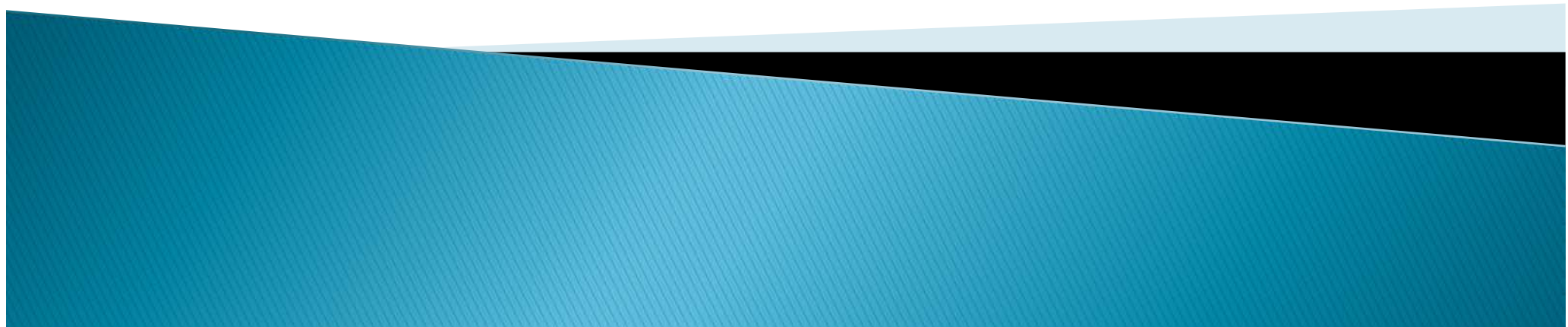


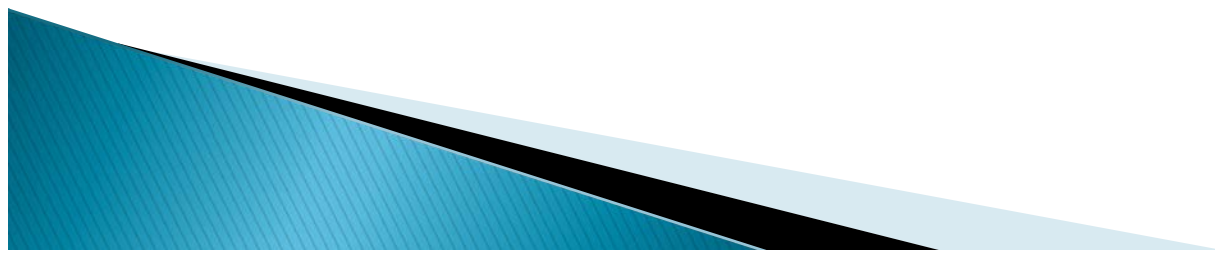
2018 MSA Secretary's Report

Bryan Chakoumakos
GSA meeting
Indianapolis, Indiana
4-7 Nov 2018



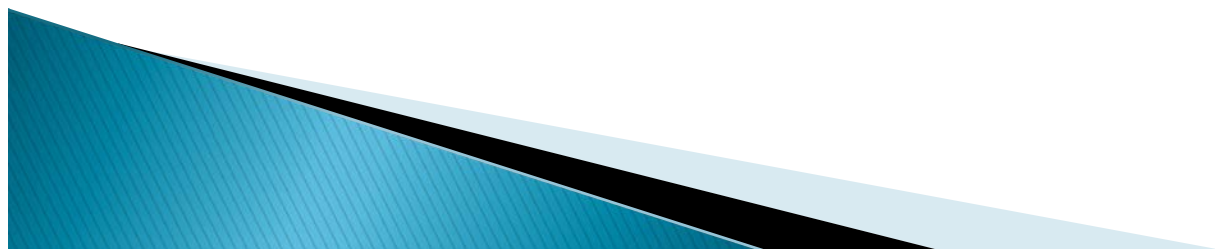
Outline

- ▶ Membership
- ▶ Grant Awardees
- ▶ American Mineralogist
- ▶ Short Courses and Publications
- ▶ MSA Lecture Program
- ▶ Meetings
- ▶ Deaths
- ▶ Election Results
- ▶ MSA Office Changes
- ▶ Committees



Membership (2017)

- ▶ 2251 total members
- ▶ 1161 regular, life, and sustaining members
- ▶ 279 Senior members and senior fellows
- ▶ 353 Fellows (regular, life, sustaining)
- ▶ 455 Student members



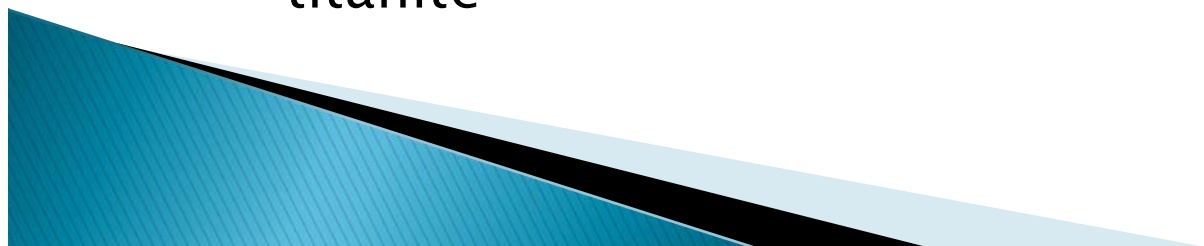
Grant Awardees

▶ Kraus Crystallographic Research Grant

- 2018 – Maija Raudsepp, Department of Earth and Atmospheric Science, University of Alberta – “Nanometer-scale characterization of iron minerals produced by biogenic anaerobic methane oxidation coupled to iron reduction”

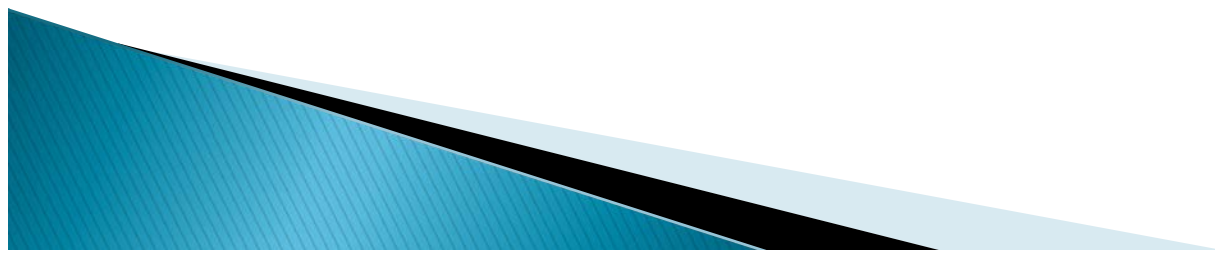
▶ Mineralogy/Petrology Research Grant

- 2018 – Shelby Johnston, Department of Earth and Atmospheric Science, University of Houston – “The effects of alpha damage on He diffusion and closure temperatures in zircons”
- 2018 – Amy Moser, Department of Earth Science, University of California – Santa Barbara – “Directly dating high-temperature deformation: U-Pb resetting and dynamic recrystallization of titanite”



American Mineralogist

- ▶ 2017
 - 2,532 pages,
 - 322 submissions,
 - 51% acceptance rate,
 - 228 papers published,
 - 150 (66%) from non-US authors



Short Courses and Publications

Published:

Vol 84: High Temperature Gas-Solid Reactions in Earth and Planetary Processes

Volume Editors: Penny King, Bruce Fegley, Terry Seward

520 pp, 13 chapters, 216 figures, 41 tables.

Short Course held in Boston before Goldschmidt Conference, 10–12, Aug 2018.

Approved:

Geological Melts

D.R. Neuville, G.S. Henderson, D.B. Dingwell.

Short Course: around 2020 Goldschmidt Course in Hawaii (Jun 21–26, 2020)

Triple oxygen isotope for terrestrial and extraterrestrial materials

Ilya Bindeman, Andreas Pack

Proposal for 2020–2021

Pending:

Reactive Transport in Natural and Engineered System

Jennifer L. Druhan, Christophe Tournassat, Eric Oelkers

Short Course: around 2019 Goldschmidt meeting in Barcelona (18–23 Aug 2019).

Natural Diamonds: Their Mineralogy, Geochemistry, and Genesis

Fabrizio Nestola, Graham Pearson, Steven Shirey, Thomas Stachel.

Short Course: Fall GSA 2020 (Montreal) or Fall AGU 2020 (location not announced yet) and perhaps again at the 12th International Kimberlite, Conference in Yellowknife, NWT Canada in 2021.

MSA Lecture Program

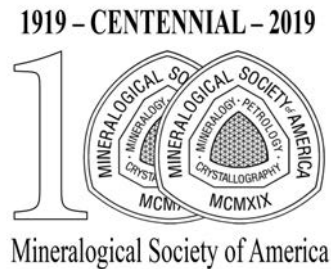
2018 – 2019 MSA Distinguished Lecturers:

- ▶ Allen F. Glazner (University of North Carolina, Chapel Hill, NC, USA)
 - A twenty-first century view of plutons.
 - Granite and Ice Cream: "Meltamorphism" and crystal growth at (relatively) low temperatures.
- ▶ Laura Wasylenki (Northern Arizona University, Flagstaff, AZ, USA)
 - What Ni isotopes can and cannot tell us about Earth's mid-life crisis (Great Oxidation Event).
 - Tungsten isotopes as a probe of reactions governing environmental transport of a toxic heavy metal.
- ▶ Caroline Peacock (University of Leeds, UK)
 - Mineralogical control on Earth's climate.
 - Mud mud glorious mud: How marine sediments help control the Earth system.

Contact: David Peate, david-peate@uiowa.edu

Meetings

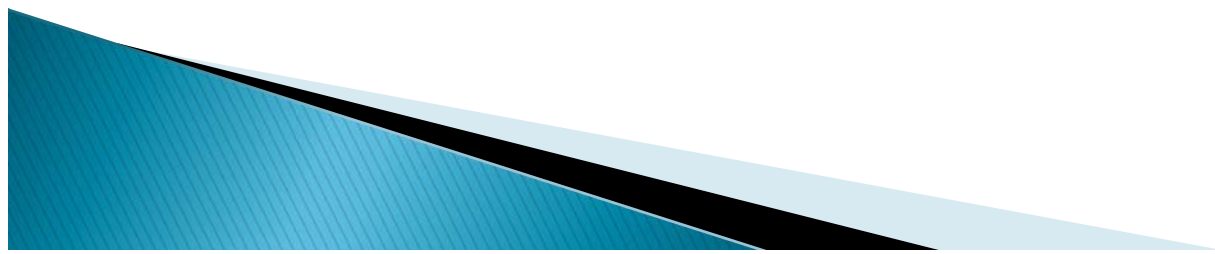
- ▶ **2019 MSA Centennial, Washington, DC, Jul 20-21**



- ▶ **2019 COMPRES Annual Meeting, Big Sky, MT, Aug 2-5**
- ▶ **2019 GSA Fall meeting, Phoenix, AZ, Sep 22-25**
- ▶ **2020 Goldschmidt Conference, Honolulu, HI, Jun 21-26**
- ▶ **2020 GSA Annual Meeting, Montreal, Quebec, Oct 25-28**

Deaths – 2017–2018

- ▶ Please give a moment of silence to honor those fellows and members who passed away this year.
 - ▶ **Pete Dunn – Fellow, 1975**
 - ▶ **Michael Fleet – Member, 1971**
 - ▶ **Helen M. Lang, Fellow, 1980**
 - ▶ **Robert Luedke, Fellow, 1959**
 - ▶ **Jean DeMouthe – Member, 1972**



Election Results

- ▶ **President:** Mickey Gunter
(University of Idaho)
 - ▶ **Vice-President:** Carol Frost
(University of Wyoming)
 - ▶ **Treasurer:** Thomas Duffy (remains in office)
(Princeton University)
 - ▶ **Secretary:** Bryan Chakoumakos (remains in office)
(Oak Ridge National Laboratory)
 - ▶ **New Councilors:** Mark Caddick
(Virginia Tech)
Adam C. Simon
(University of Michigan)
 - ▶ Thank you to our outgoing councilors!
Rajdeep Dasgupta and Peter Nabelek
- 

MSA Office Changes

- ▶ **Ann Benbow is being hired to succeed Alex Speer as the MSA Executive Director.**
 - Ann is currently the Executive Director of the Archaeological Institute of America.
 - She will overlap with Alex for about 1 year before Alex retires near the end of 2019.



Committees

- ▶ Our committees and those who volunteer to serve on them do much of MSA's work. Details of the MSA committees can be found at our web site www.minsocam.org/MSA/Committees.html
- ▶ Those wishing to serve should contact Mickey Gunter (mgunter@uidaho.edu). Mickey, as the incoming Vice President of MSA, is the chair of the *Committee on Committees*.

