

Minutes of the Second 2018 Mineralogical Society of America Council Meeting

Saturday, 5 May 2018

Mineralogical Society of America Offices
3635 Concorde Pkwy Ste 500, Chantilly, Virginia

Attending:

Michael Brown, MSA President
George Harlow, MSA Past President
Mickey Gunter, MSA Vice President
Thomas Duffy, MSA Treasurer
Bryan Chakoumakos, MSA Secretary
Sarah Carmichael, MSA Councilor
Sarah Penniston-Dorland, MSA Councilor

Not Present:

Rajdeep Dasgupta, MSA Councilor
Peter Nabelek, MSA Councilor
Jay Ague, MSA Councilor
Donna Whitney, MSA Councilor

Visitors:

J. Alex Speer, MSA Executive Director
Rachel Russell, Managing Editor, *American Mineralogist*
Peter Heaney, Chair, Centennial Celebration Committee
Steve Shirey, Member, Centennial Celebration Committee
Gordon Nord, MSA, IT Manager
Gloria McFarland, MSA, IT Manager

Note: Motions and Council action items are presented in *italics*; SoC = sense of Council

ITEMS

[1] 8:00 AM, Meeting called to order by Michael Brown. Those attending introduced themselves.

[2] Revisions to the Agenda, approval of the Agenda.

[3] Accept Reports to Council containing no questions, requests, or action items as a group. Reports will be acknowledged by Secretary.

Nominating Committee for Officers, Editor and Managing Editor of the *American Mineralogist*, Editor of the *Reviews in Mineralogy and Geochemistry* & Monographs Series, MSA Society News Editor for *Elements*, Editor *Handbook of Mineralogy*, MSA Representative to *Elements* magazine, MSA Representatives to the *GeoScienceWorld* Board of Directors and to the *GeoScienceWorld* Advisory Council, MSA Meetings Coordinator, MSA Webmaster, Outreach Committee (*Mineralogy4Kids*), Lecture Program Committee, Bloss Optical Crystallographic Fund Committee, Roebling Medal Committee, MSA Award Committee, Nominating Committee for MSA Fellows, Min/Pet Grant Committee, Kraus Crystallography Grant Committee, Representatives to ACA, AGI,

EMU, FM, GIA, GSA, IMA, and SSMP, Special Interest Group on Pegmatites, Special Interest Group on Planetary Materials

Not heard from: Lecture Program Administrator, Distinguished Public Service Award Committee, Representatives to AGU, CMS, GS, GSA-MGPV

SoC: Lecture Program Administrator is not fully responsive, so he should be replaced. Council is considering possible replacements. Mickey Gunter will contact him about Council's intentions.

George Harlow moved that the revisions to the agenda be approved, and that reports to Council with no questions, requests, or actions be approved and that the Secretary will acknowledge those reports; Mickey Gunter seconded. Motion passed unanimously.

[4] Executive Committee actions were reviewed (Section 1)

1. Revised text for the Description and Nomination procedure for the Dana Medal (Section 01, Appendix A).
2. MSA co-sponsored a webinar on "Tracking the Global Supply of Critical Minerals" as part of AGI's Critical Issues Program.
3. Revised text for the "Prospectus for the Mineralogical Society of America", with particular reference to funding levels for recognition, as follows,

Diamond – (\$20,000 or more)
Ruby – (\$12,000 to < \$20,000)
Emerald – (\$7,000 to < \$12,000))
Platinum – (\$3,000 - < \$7,000)
Gold – (\$1,000 - <\$3,000)
Silver – (\$500 to \$999).

4. The ranked list of nominees for the MSA Lecture Program for 2018-2019 and the Lecture Program Committee's recommendation (Section 21(a)) that we should chose

Allen Glazner (UNC-Chapel Hill)
Laura Wasylenki (Indiana University)
Dan Frost (University of Bayreuth, Germany).

5. Position description for the Accountant (part-time) (Section 03, Appendix H).
6. Other ongoing actions were reported orally.

Executive Committee meeting was held all day May 4. Deliberations about the Centennial celebration meeting and single-editor model of the American Mineralogist took place. Some issues have been reported about the current single-editor being able to effectively cover the full breadth of the science of the American Mineralogist. The Executive Committee recommends that the current single-editor stay on for one more year as of the first 2019 Council meeting, then the American Mineralogist will transition back to having two editors, one with a petrology/geochemistry expertise and one with a mineralogy/crystallography expertise. It is important that the American Mineralogist maintain a balance of the breath of disciplines, and feedback from notable MSA members

has expressed concern that the balance of science at the *American Mineralogist* has slipped and is not being maintained. The two-editor model would be implemented with the appointments being made for 3-years, with an annual review by the Publications Director, i.e., MSA Vice-President, and, subject to a positive recommendation, annual re-appointment at the first Council meeting of the year. The 3-year appointments will be renewable.

SoC that the American Mineralogist Editorship will change as noted above from one-editor model back to the two-editor model.

Dues, subscriptions, and finances

[5] The Treasurer recommended the member and institutional *American Mineralogist* and *Reviews* subscription rates as well as member dues for 2019. (Section 04):

a) for *American Mineralogist* & *Reviews* subscription rates:

Category	Current	2018 Proposed
MSA members		
US AmMin (print + electronic)	\$125	\$135
Non-US AmMin (print+ electronic)	\$135	\$145
AmMin (electronic-only, with dues)	\$10	\$10
RiMG (electronic-only)	\$100	\$100
Institutions (AmMin+RiMG+Elements)		
US (print+ electronic)	\$1,100	\$1,150
Non-US (print + electronic)	\$1,125	\$1,175
Institution (electronic)	\$1,000	\$1,050
Multi-site Institution (negotiable)	\$1075+	\$1,100+
Institutions (RiMG)		
US RiMG (print+electronic)		\$315
non-US RiMG (print+electronic)		\$335
Institution RiMG (electronic)		\$275
Institutions (GSW- subscribers)		
GSW Institutions - RiMG	\$160	\$250
GSW Institutions - AmMin	\$140	\$200

b) that the 2019 MSA dues be increased by \$5 to \$85 for regular members and maintained at \$20 for student members, with \$15 of each committed for the journal as above.

[Executive Directors note: The MSA Bylaws (ARTICLE VI. MEMBERSHIP, Item # 7) states that a life membership requires a single prepayment of an amount equaling twenty-five times the then annual dues of a Fellow or Member of the Society. MSA will interpret this as \$2,125 for those who only require electronic access to the journal and \$5,250 (US) and \$5,575 (non-US) for those who require print+ electronic access to the journal.]

[6] The Executive Director and Treasurer recommended that Council consider establishing two different rates for members: *Members* and *Early Career Members* (Section 03; Section 04). Early Career Members would be defined as graduated with a degree in geology or related science with the terminal (highest) degree within the last five years, with no plans to re-enter an academic program. Both member types would have the same privileges.

Since 08/24/2005 there have been 517 students transition to Member status, but there have been 2,980 students who let their membership lapse. Would sufficient numbers of those 2,980 individuals have remained in MSA and transitioned to Member status eventually if there had been a less expensive pathway to do so until their earnings situation improved? If not, and if only the students who would have made the transition to Member status in any case take advantage of the reduced rate, there is a risk of a loss of dues income of \$460 to \$1,000 per year for each \$10 reduction in dues for an Early Career Member rate.

Alex Speer commented that late institutional subscriptions cause MSA extra expense by having to process and ship back issues, and have them in inventory. He recommends a 20% surcharge for late institutional subscribers.

Sarah Penniston-Dorland moved that 20% surcharge for late institutional subscribers be imposed; Mickey Gunter seconded; Motion passed unanimously.

The idea of a membership rate lower for early career members was discussed. The philosophy of such is that more student members could be retained. This implementation might initially reduce the membership revenue, but in the long run the expectation is that the membership would grow and the membership revenue would increase by retaining more students. Early Career would be defined as 3 years beyond being a student and the membership rate would be \$45.

Sarah Penniston-Dorland moved that Early Career membership rate be established as above; Sarah Carmichael seconded; Motion passed unanimously.

Sarah Penniston-Dorland moved that the 2019 MSA dues be increased by \$5 to \$85 for regular members and maintained at \$20 for student members, with \$15 of each committed for the journal as above be approved; Sarah Carmichael seconded. Motion passed unanimously.

[7] The Financial Advisory and Audit Committee (FAAC) (Section 06) had no action items, but two items for Council notice were:

1. With the recent adoption of the 4% rule limiting transfers from endowment to operations, sound financial management requires that we observe this limit unless Council explicitly chooses to exceed it. The 4% rule essentially codifies what we have been doing along, while providing prudent guidance for the future. The topic is discussed further under Coming Attractions.
2. The last few FAAC reports have expressed concern about the likelihood that in the future MSA may need to draw more dollars out of the endowment for recurring operating expenses. The best and most logical solution to this problem is to increase the size of our

endowment. The most realistic way to raise significant amounts of endowment money is through bequests and testamentary gifts. The upcoming MSA Centennial provides an excellent fundraising opportunity. FAAC continues to recommend that Council adopt appropriate strategies to advertise and enhance this form of giving.

Some concern has been expressed that 4% rule will be violated in the next few years as we transition to replacements for the Executive Director, and absorb possible overruns for the Centennial Celebration, but the SoC is that we can get through this period.

[8] The Treasurer and MSA Executive Director provided brief updates on MSA membership numbers, subscriptions, and MSA finances (Sections 03, 04 and 06).

All December 2017 issues of the Elements to United Kingdom were lost once they arrived in the UK. It was necessary to reprint those and reship them. Luckily the expenses were picked up by the UK shipper (Royal Mail)

Clay Minerals Society recently decided to use Springer as their publishing partner for their journal, Clay and Clay Minerals. It is not known whether Springer will take it out of GeoscienceWorld?

Point raised that there currently is no inflation adjustment for services to Elements provided by MSA. The approximate inflation over the 14 year period that we have supported Elements would increase the current \$12,000 to \$16,000 per year fee to MSA.

Mickey Gunter moved that Elements should pay an inflation adjusted administrative fee to MSA, to be raised from \$12,000 to \$16,000 per year, and that the fee should be adjusted for inflation annually; Thomas Duffy seconded. Motion passed unanimously.

People - committees, officers, appointed posts, and staff.

[9] From the Committee on Committees (Section 07, Appendix A)

- a) John Hughes again asked to be replaced as Chair of the Benefactor Committee (Section 09).
- a) The Workshops Committee (Section 19(b)) reported that two of the committee members will be rotating off at the end of the year. The chair is under the impression that he will stay on as an ex officio member for an additional year, but suggested that the Council consider:
 - Ayra Udry (U Nevada, Las Vegas) arya.udry@unlv.edu
 - Vincent J. Van Hinsburg (McGill) vincent.vanhinsberg@mcgill.ca
 - Julie Roberge (Instituto Politecnico Nacional (IPN)) robergejulie@gmail.com
- b) consider, amend where necessary, and vote on the proposed list of committee members and chairs.
- c) authorize the MSA Secretary to contact individuals in the order(s) listed except when restricted by guidelines for the position.

The MSA president emphasized that we need better gender, geographic, and ethnic balance in the MSA Committees. Alex Speer noted that 24% of the membership identifies

as female.

Each committee and the proposed new members and alternates were reviewed in this context, and some adjustments were made. The general effectiveness of the Membership Committee was discussed. In a sense we are all on the Membership Committee, because we all can and do offer suggestions for committee membership.

The Benefactors Committee was discussed, and specifically how to inform the prospective committee candidates about their roles and responsibilities. SoC that these candidates will be contacted more informally, rather than by the Secretary.

Sarah Carmichael moved that CoC proposed lists of committee replacements be approved and the MSA Secretary be authorized to contact individuals in the ordered lists; Sarah Penniston-Dorland seconded. Motion passed unanimously.

[10] Suggestions about committee memberships. *These suggestions were included in the Committee on Committees Report.*

Medals, awards, grants, and honors

[11] Accept medal, award, grant, and honor recommendations:

- a) Crystallographic Research Grant:..... Maija Raudsepp (Section 28a)
- b) Mineralogy/Petrology Research Grants:
..... Shelby Johnston and Amy Moser (Section 28b)

For the Kraus Crystallography Grant 15 proposals were considered. For the Min/Pet Research Grant 65 proposals were considered.

Sarah Carmichael moved that the recommended grant awardees be approved; Sarah Penniston-Dorland seconded. Motion passed unanimously.

George Harlow moved that the winners of these grants will be made members for one year if they are not all ready; Sarah Carmichael seconded. Motion passed unanimously.

[12] Additional items about MSA awards

- a) The President noted that both the Roebling Medalist and MSA Awardee receive lifetime membership of MSA as part of the award, but the Dana Medalist does not (Section 01). He proposed that the Dana Medalist should receive lifetime membership of MSA, beginning with the 2018 Medalist.
- b) The Chair of the MSA Dana Medal asked that exceptions to the eligibility requirements similar to those for the MSA Award be restored to the Dana Medal Description portion of the MSA website (Section 26).

[Executive Directors note: The MSA Award webpage states:

“These time limits for the award can be extended for up to two years based on circumstances which have interrupted the nominee’s career (i.e., serious illness, child birth, care giver, etc.)”

This statement was present on the Dana Medal webpage as well, but removed as a result of the Executive Committee’s acceptance of the revised text for the “Description and Nomination procedure for the Dana Medal” (Section 1, Appendix A). The following two statements were to be incorporated in the Dana Medal Committee Handbook, rather than appearing on the webpage:

1. “Whereas the scientific fields outlined by the American Mineralogist may serve as useful guidelines, other related fields may be considered at the discretion of the nominator.”

2. “Extensions to the 25-year rule are possible for reasons that may include disability or illness, family care responsibilities, childbirth, or service on the MSA Council, and should be discussed with the Chair of the Dana Medal Committee before submitting a nomination.”

These eligibility requirement exceptions for the Dana Medal are described via a link to the “Guidelines for the Dana Medal” on the Dana Medal website page.

It is recommended that both awards be consistent, and the following wording is proposed for the public descriptions of these awards “These time limits for the award can be extended for up to two years based on circumstances which have interrupted the nominee’s career; such an extension should be discussed with and approved by the Committee Chair.”

Further, it is recommended that the following wording be used in the Committee Handbook “These time limits for the award can be extended for up to two years based on circumstances which have interrupted the nominee’s career, including, but not limited to, issues such as serious illness, child birth, care giver, etc.)”]

Sarah Carmichael moved that the Dana award winner receive a life membership; Sarah Penniston-Dorland seconded. Motion passed unanimously.

Sarah Penniston-Dorland moved that the wording about the time limits for the Dana Medal be changed to the above and included in the award description on the website; Mickey Gunter seconded. Motion passed unanimously.

Discussion about reducing the time limit eligibility for the Dana Medal Award from 25 to 20 years would be a better match to what we consider as a mid-career award. It was suggested that we delay the implementation of this change to allow those nominated in the 20-25 age gap to still be eligible for one additional year.

George Harlow moved that the eligibility age limit for the Dana Medal be reduced from 25 to 20 years, and the change would not take effect until 2020; Mickey Gunter seconded. Motion passed unanimously.

Operations

[13] The Executive Director had two operational items (Section 03):

- a) Council needed to confirm that the Third 2018 and First 2019 MSA Council Meetings will be held in Indianapolis, Indiana, USA on Saturday 3 November 2018. The MSA Management Committee meeting will be held Friday 6 PM afternoon of 2 November 2018.

Sarah Penniston-Dorland moved that the Third 2018 and First 2019 MSA Council Meetings be held in Indianapolis, Indiana, USA on Saturday 3 November 2018. The MSA Management Committee meeting will be held Friday 6 PM of 2 November 2018; Sarah Carmichael seconded. Motion passed unanimously.

- b) Council needed to give an indication about the location and timing of the Spring 2019 Council meeting so arrangements can be started. Possible options:

2019 - GAC-MAC Joint Assembly, Quebec City, QC, Canada.....May 12-15
2019 - Goldschmidt Conference, Barcelona, Spain 18-23 August
2019 - Chantilly, VA..... anytime

Sarah Carmichael moved that the Spring 2019 Council meeting will be held at MSA Headquarters, Chantilly, Virginia; Sarah Penniston-Dorland seconded. Motion passed unanimously.

[14] The Executive Director included in his report updates on the succession planning (Section 03):

- a) *MSA Webmaster:* Gloria McFarland is in place and observing Gordon Nord as he goes through various tasks, making a written description as she does (Section 20(a)).

Gloria McFarland reported her progress on transitioning into Gordon Nord’s position as MSA Webmaster, and her plans for improvements and modernization. Antiquated software and hardware needs to be replaced. Security will be more paramount. The cost of the upgrades likely can be accommodated within the existing budget. Gloria McFarland will take over completely about the time Alex Speer retires.

- b) *Accountant:* The position of part-time accountant has been advertised. The job ad and the job description are in Section 03 Appendices G and H.

A part-time accountant, Mary Endosome, has been hired and will report on May 7, 2018.

- c) *Executive Director:* The Council reviewed the revised job description for the position and the accompanying job ad (Section 03 Appendices I and J).

The search committee will consist of 5 past-presidents selected by President Michael Brown. The position will be advertised (Washington Post and MSA Talk) in the early summer, with interviews conducted by the Executive Committee at MSA Headquarters Oct 15-17, 2018 with a goal to make a hire by year’s end. During 2019 this individual will overlap with the current Executive Director to learn the tasks of a complete cycle of the “MSA year”.

[15] The Executive Director would appreciate any opinions on MSA exhibiting at the 2018 AGU Fall Meeting, Washington, DC (Section 03). Because the 2018 Fall AGU meeting is in MSA’s back yard, should we consider having a booth in the

exhibit hall. Unlike the San Francisco venue, all events will be in the same building, perhaps resulting in more traffic. Except for the cost of the flights to and from San Francisco, he expects the costs of a booth at the Washington meeting to be comparable to the previous AGU meetings at about \$5,000, with sales less than \$2,000 if similar to level previously achieved in San Francisco.

The question is whether participation at the AGU Fall meeting will lose money or not. Expectation is that attendance will exceed 30,000 participants. SoC is that this is a great opportunity to advertise the Centennial Celebration in addition to promoting the society and its publications. SoC: MSA should participate with a booth.

[16] While there are no actions currently required, there are two MSA policies that will be required in the near future in response to the:

- a) *European Union's General Data Privacy Regulation ("GDPR")* (Sections 03; 29(b); and 29i)). MSA does not appear to have a large exposure here as we do not have a physical European present, does not market intensely in the Europe, does not collect personal information other than that needed to conduct its business of membership, publications, and short courses, nor does it share its data with others. I envision MSA will need a statement that essentially reiterates these things, that MSA retains certain information necessary for audit and tax requirements and for historical purposes. I suggest we can wait and use the policies of the larger societies as templates.
- b) need for *harassment policies* (Sections 03; 29(b); and 29(i)). MSA has few situations where individuals come in direct contact with each other – whether physically or virtually. Each society with which MSA meets (GSA, AGU) have their own policies for which all meeting attendees must agree, as well as procedures are in place. The only situations not covered are MSA's short course and workshops. For this, I suggest we rely on the policies of the larger societies as templates. However, MSA would be looking for more than just a policy. It also needs a process which is (1) informed by the distinction that unprofessional conduct is often not illegal whereas harassment/discrimination can in some cases be illegal, (2) clear at the outset as to what will likely be the process, and (3) results in the correct outcome.

The issues of data security and harassment policies were acknowledged by the Council, but no specific actions were deemed necessary at this time.

[17] The Benefactors Committee (Section 9(a)) had one item:

- a) MSA Council members are asked to relay any prospective donor corporations and contacts therein to John M. Hughes, Chair of this committee.

[18] Barb Dutrow, the MSA Representative to *Elements* Magazine, had several requested items, but none required a vote of Council (Section 16):

- a) send Jodi Rosso any information for People in the News.
- b) consider proposing an issue of *Elements*.
- c) Review *Elements'* in the past year, and send comments, concerns, and thoughts about the publication to your representative (= Barb Dutrow).

- d) review the new *Elements* website and send comments.

Programs - Publications, Short Courses, Meetings, Lecture Program, Outreach, Policies, and website

[19] The Short Course Committee recommended approval of the full proposal (except for budget and final venue/timing) for a short course on “Natural Diamonds: Their Mineralogy, Geochemistry, and Genesis” (Section 19(a) App A). Upon approval, the Committee will continue to work with the organizers to submit a budget and final confirmation of venue/timing for approval by MSA Council at their Fall 2018 Meeting.

Sarah Penniston-Dorland moved that the short course on “Natural Diamonds: Their Mineralogy, Geochemistry, and Genesis” be approved for AGU Fall meeting in 2020; George Harlow seconded. Motion passed unanimously.

[20] The Publications Director (Section 11(c)) asked that John Brady be invited to attend the Third 2018 MSA Council meeting to discuss his "book", really a web-based system that he's built with many petrology "tools". It could be ported, and hosted, by MSA.

SoC John Brady will be invited to attend the Third 2018 MSA Council meeting to discuss his web-based “book” system that he's built with many petrology “tools”.

[21] **Data Journal**

There were two reports about the data journal (Section 11(a) and Section 11(b)), and with fast moving events there will be updates before the discussion at the Council meeting.

Editorial position was advertised. Three people responded, and Christina Hoffmann (ORNL) was interviewed by Skype. The other two respondents withdrew their interest. Some other names were suggested. We need an Editor onboard prior to launching the journal to help formulate the design and editorial process. George Harlow will continue with the search.

[22] **Centennial Celebration**

- a) The background for this discussion is in the Report of the Chair of the Centennial Celebration Committee (Section 10(a)). The goal was to develop criteria for setting the registration fee for the MSA Centennial Symposium. This depended on a number of factors and decisions. Steve Shirey was invited to the meeting to provide an update on the Carnegie facilities and catering. The information about a possible reception at the Smithsonian was extracted from the Agenda of Fall 2017 MSA Council Meeting (Section 10(b)).

Peter Heaney and Steve Shirey gave an overview of the Centennial Celebration meeting status. In particular, the program was evaluated in terms of cost, success of attracting an audience, and appropriateness of the content. Sponsorship specific to each thematic session would be sought, e.g., G.I.A. for the gem sessions, COMPRES for the high pressure session, etc.

The Smithsonian reception for ~400 people is back in the program (~7:30 PM start). The access fee to the Smithsonian is \$27,000. A Centennial Sponsoring registration rate would be set at \$1000. The provisional regular professional registration rate would be \$300 for members, \$375 for non-members. The provisional student registration rate would be \$100. The provisional accompanying person rate would be \$200. If ~25% is added to the ~400 people expected for accompanying people to attend the Smithsonian reception, we would need to accommodate ~500 at the Smithsonian and the access fee would increase. Friday night close-out reception at the Carnegie Building downtown was discussed. A poster session for about ~50 could be accommodated at the Carnegie Building, and is being considered. The idea was floated to publish any contributed poster in an abstract volume, but select only ~40 to be presented. Consensus for a poster session is lacking. Consensus for a reception on Friday (or Wednesday) at the Carnegie building is lacking. Special sponsorship would change some of this thinking. The idea of reserving a hotel and block of rooms was raised, and will be pursued and if reasonable, executed by Alex Speer and Peter Heaney.

Michael Brown summarized the provisional registration fees. Centennial Sponsoring registration rate would be set at \$1000. The regular professional registration rate would be \$200-300 for members, \$50 extra for non-members. Student registration fee would be \$100. Accompanying person fee would be \$150. These rates will need to be finalized at the 3rd Council meeting in early November, when, it is anticipated, the likely level of sponsorship available to offset registration fees will be known.

- b) The Executive Committee reported on its meeting Friday with AGU about possible partnerships for the Centennial.

Brooks Hanson (AGU) and Mark Shimamoto (AGU) expressed positive support for collaborating with the MSA at future AGU meetings. How this translates into action is difficult to weigh. They will run a series of grand-challenge sessions at their annual meeting in 2019. One of these sessions could have a mineralogy theme and be sponsored by MSA. Interest in running joint sessions with their like-minded sections (e.g., VGP) at future meetings seems to be elevated in importance and essentially offered to us to respond. Historically, when MSA has been involved organizing joint sessions at past AGU meetings, MSA's presence has been obscure. MSA is happy to be part of the AGU meetings, but how do we improve our visibility? Peter Heaney or Steve Shirey will contact Brooks Hanson, and confirm how we can participate in their grand-challenge sessions and better understand a longer term collaborative relationship.

Other Centennial Items from Section 10(a):

- c) MSA Ambassadors program. Ask members to offer a public presentation about mineralogy/petrology in which they mention that 2019 is the 100th anniversary of MSA. The venue can range from an elementary school to a mineral club to a retirement home to anything outside an academic department. Once the presentation is completed, the Ambassadors can email the title of the talk and the venue to the MSA Business Office, and the growing list of speakers and talk titles will appear on the MSA Home Page.

SoC this idea is a good one and should begin in the Fall. George Harlow suggested that a MSA Centennial Theme would be timely for the Tucson Gem & Mineral Show. Other mineral shows would be great, too.

ScC: Make the MSA Centennial logo available to all to use. A press release should be prepared and circulated.

- d) Centennial event at the annual 2019 GSA meeting in Phoenix, AZ. Coming so close on the heels of the Washington, DC symposium this would be a challenge. Heaney favors the idea of encouraging MSA members to organize their own GSA topical sessions in honor of the MSA Centennial.

What is the best way to participate and promote the MSA Centennial year?

SoC: MSA members should contribute session ideas through the normal process. A bigger and better than usual MSA reception would be appropriate (e.g., Cake and a Champaign toast). Celebrating eminent retirees (e.g., Frank Hawthorne, Dave Bish, Dave Mao) is one way to bring in strong participation as evidenced from past meetings.

- e) Both Heaney and Dutrow (Section 16) reviewed the negative decision by the Elements Editors to have a Centennial issue of *Elements*. The issue currently is on ice until other editors can be enlisted to promote it. Council endorsed a Centennial issue of *Elements* devoted to the global impacts of mineralogy: Mineralogy and the Formation of the Crust; Mineralogy and the Great Oxidation Event; Mineralogy and Origin of Life; and the like. Heaney has tried to enlist some of the former Council members who seemed most excited by that theme, but can report no commitments at present.

Rather than an Elements special issue, a RIMG volume focused on future looking broad themes in mineralogical sciences is another idea put forth by Alex Speer. The success of such a venture would depend on getting a good editor to spearhead the effort. A special Elements issue still could be produced on the Grand Challenges in Mineralogy or Mineralogical Futures theme by the normal process and not be tied to the MSA Centennial celebration.

3:54 pm meeting adjourned

Respectively submitted,

Bryan Chakoumakos, MSA Secretary



1919 - CENTENNIAL - 2019



Mineralogical Society of America