



2023 MAS Winter Council Meeting
February 22, 2023, 11:00-13:00 EST, via Google Meets

Patrick Camus	(President 2023-2024)
Andrew Herzing	(President-Elect 2023-2024)
Owen Neill	(Secretary 2022-2023)
Dave Tomlin	(Treasurer 2023-2024)
Angela Halfpenny	(Director 2021-2023)
Josh Taillon	(Director 2021-2023)
Assel Aitkaliyeva	(Director 2022-2024)
Thomas Lam	(Director 2022-2024)
Katherine Burgess	(Director 2023-2025)
Jordan Hachtel	(Director 2023-2025)
Steve Seddio	(Commercial Director 2021-2023)
Clarissa Wisner	(AReS 2022-2025)
John Fournelle	(Archivist 2010-2023)
Brad De Gregorio	(Awards 2020-2023)
Anette von der Handt	(Computer Activities 2020-2023)
Mary Scott	(Education 2022-2024)
Abigail Lindstrom	(Goldstein Scholar Coordinator)
Donovan Leonard	(Fellows 2022-2025)
Peter McSwiggen	(Finance 2021-2024)
Emma Bullock	(Membership 2023-2024)
Andrew Herzing	(IUMAS Representative)
Dan Ruscitto	(Social Media 2022-2023)
Vin Smentkowski	(Strategic Planning 2022-2025)
Yoosuf Picard	(Topical Conferences 2020-2023)
Donovan Leonard	(M&M Editorial Board)

Present on call:

Assel Aitkaliyeva, Emma Bullock, Kate Burgess, Pat Camus, John Fournelle, Jordan Hachtel, Angela Halfpenny, Anette von der Handt, Andy Herzing, Thomas Lam, Abby Lindstrom, Heather Lowers, Peter McSwiggen, Owen Neill, Dan Ruscitto, Mary Scott, Steve Seddio, Vin Smentkowski, Josh Taillon, Dave Tomlin, Clarissa Wisner

- Call to Order: 11:03 EST
- Review of Agenda (Pat Camus)
- Announcements (Pat Camus)
 - Thanks to outgoing members of Council:
 - Heather Lowers, Past President.
 - Will Bowman, Past-Director.
 - Michelle Thompson, Past-Director.
 - Welcome to newly elected members:
 - Andy Herzing, President-Elect.
 - Dave Tomlin, Treasurer.
 - Kate Burgess, Director.
 - Jordan Hachtel, Director.
 - Pat reminded the group about the different roles of the Director:
 - Year 1 Directors serve as members of the [Web Content and Social Media Committees](#), and as [Joe Goldstein award](#) reviewers.
 - Year 2 Directors judge the [MAS Outstanding Paper Awards](#) at the Annual Meeting, and serve as Joe Goldstein award reviewers.
 - Year 3 Directors serve as a member of the [Nominating Committee](#), serve on the Strategic Planning Committee, document key information from their 3-year term, and provide suggestions to improve MAS.
- Secretary's Report (Owen Neill)
 - Emma Bullock moved to accept the [2022 Fall Council Meeting minutes](#), Angela Halfpenny seconded.
 - Motion carried.
- Treasurer's Report (Dave Tomlin)
 - Dave reported that he is currently preparing data for the 2022 F990 form, and for renewing insurance policies.
 - Charitable funds:
 - Total: \$44,932.76.
 - Chodos Fund: \$15,191.78.
 - Fiori Fund: \$16,179.52.
 - Goldstein Fund: \$13,561.46.
 - Due to COVID-19 complications, sponsorship for the Goldstein award was not paid in 2020, and was paid double in 2021.
 - Donations to the Chodos, Fiori and Goldstein Funds can be made through the MSA/MAS website portal and/or during membership renewal.
 - Review of the 2022 budget numbers:
 - Revenue:
 - Proposed: \$41,350.00
 - Actual: \$84,383.00

- Expenses:
 - Budget: \$44,200.00.
 - Actual: \$26,340.31.
 - Profit in 2022: \$45,598.21.
 - Total assets: \$906,478.52.
 - Insurance payments will be made in spring 2023.
- Membership (Emma Bullock)
 - o Emma reported that the society currently has 292 paid members
 - While the total number of members at the end of 2022 was 741, this discrepancy is typical as most members renew during M&M registration or over the summer.
 - o Emma vetted all new members and there do not appear to be any fraudulent registrations.
 - Owen moved to accept all new members, Abby Lindstrom seconded.
 - Motion carried.
 - o Emeritus membership status was approved for Valerie Woodward.
 - o A new system for membership registration and renewal is being implemented by MSA.
 - Starting in 2023, M&M attendees will be automatically enrolled or renewed as MAS/MSA members if they have not renewed already.
 - A list of questions was sent to MSA by MAS regarding this change. MSA responded that:
 - Membership costs will be included in the registration fees.
 - Membership will not be prorated for those who enroll late in the year.
 - Registrants cannot join FIGs during this process, but will still be able to add FIG membership via the portal.
 - The new system will be tested before going live.
 - Emma asked whether the option to renew outside the registration period will still exist.
 - Pat responded that this should still be possible.
 - Peter McSwiggen and Dan Ruscitto asked if it would be possible to vet new members registered through this process.
 - This would affect whether new members could vote at the Business Meeting or would count towards a quorum.
 - Emma said that the list of new members will still to come to MAS and can still be vetted, but she will double check.
 - Heather suggested that registration could be turned off shortly prior to the meeting to allow the new members to be vetted.
 - Heather asked whether registrants could opt out of renewing their membership at the same time.
 - Some employers require this be done separately in order for the registrant to be reimbursed.

- Pat said that opting out will be possible.
 - o Emma also mentioned that the MAS membership booth at M&M will be large and prominently placed.
 - Displays and advertising will be needed for the booth.
 - Heather suggested images of past presidents and award winners, similar to MSA.
 - Anette suggested flyers and cards with information about the MAS charitable funds and donation activities
 - These could also be used to advertise the Goldstein Award program.
- FIGMAS (Emma Bullock)
 - o FIGMAS is hosting a symposium at M&M2023.
 - The symposium has fourteen submissions, including four invited speakers.
- Strategic Planning (Vin Smentkowski)
 - o Vin reported that there has been no progress on the ASTM/ISTO initiative.
 - o Vin asked for members to solicit proposals from the community to fund new strategic initiatives.
 - Pat added that as long as budget allows, council can vote on these proposals if they come up.
 - o One implemented Strategic Planning initiative was the Technologist Award.
 - The award provides travel support for technical staff who might not otherwise be able to attend M&M.
 - The award is not competitive but does require a letter of support from the nominee's employer.
 - Angela asked whether there had been any issues with the nomination process for the technologist awards for 2022.
 - No nominations had been received, possibly due to a technical issue during signup.
 - Vin will follow up with VirtualInc.
 - Heather mentioned that there was some confusion between this award and some of the other technician awards.
 - John Fournelle suggested renaming this item a grant rather than an award to avoid confusion with other competitive awards.
- M&M Meeting Updates (Pat Camus)
 - o Anette von der Handt (2023 MAS Co-Chair) provided an update on planning for M&M2023.
 - Nicole Guy has returned as lead conference organizer.
 - Issues with organizing last year's conference have hopefully been resolved.
 - Paper submission closed on 21 February.

- 1101 papers were submitted, and are currently under review.
 - The planning meeting will take place on 25 March (virtual).
 - The planning meeting is scheduled to be virtual, but Pat will also be in Minneapolis for a site visit at this time.
 - Heather asked whether Anette will also be able to take part in the site visit.
 - Anette will check.
 - o Pat reported that Steve Spurgeon has agreed to be MAS Co-Chair for M&M2024 in Cleveland.
- Archivist (John Fournelle)
 - o John reported that archival materials from MAS are currently at the Science History Museum, and are being processed prior to being made available.
 - Hard copies of the MAS archives will take time to process, and therefore their availability may be limited for some time.
 - o John and Mike Marko (MSA Archivist) have also conducted numerous interviews on camera.
 - With permission of the subjects, these interviews could be made available much more quickly.
 - John will pursue this further.
- Affiliated Regional Societies (Clarissa Wisner)
 - o Clarissa reported that the Mountain States Society of Electron Microscopists have asked for a speaker.
 - Rhonda Stroud, AReS Tour Speaker will present on 23 February.
 - o The AReS membership list has been updated.
 - There are currently 19 active AReS.
 - Please send update society information, particularly contact info and officers, to Clarissa.
 - o The Chesapeake Microscopy and Microanalysis Society held a “Dale-abration” on 16 February, in celebration of Dale Newbury’s 50 years of service at NIST.
 - Emma passed on thanks from CMMS to MAS for their assistance and funding for their event.
 - More information about the event will be forthcoming.
- Awards (Brad de Gregorio)
 - o The awards committee for 2023 will be Brad as chair, Angela and Josh Taillon as Directors, and Peter Lee and Aurélien Moy as at-large members.
 - o Niklas Dellby of Nion Corp. has been nominated for the Duncumb Award.
 - No new nomination packages this year, one nomination left over from last year.
 - The committee is looking for new nominees.
 - o Best Paper awardees from M&M2022 have been chosen.
 - Birks Award (Best Contributed Paper, Sponsored by JEOL): Emma

- Bullock, Carnegie.
- Cosslett Award (Best Invited Paper, Sponsored by MAS): Scott Eckley, NASA.
- Castaing Award (Best Student Paper, Sponsored by Cameca): Edwin Supple, Colorado School of Mines.
- Macres Award (Best Instrumentation/Software Paper, Sponsored by Oxford): Tina Hill, Bruker
- Anette asked that bios and pictures of awardees be submitted to her so they can be added to the website.
 - Pat will begin notification emails for the awardees.
- Josh suggested that the chair redact the names of the authors for the paper review to prevent potential bias or conflict of interest.
 - Brad said that this may be done for the M&M2023 awardees.
- There has already been one nomination for a paper award for M&M2023.
- o Brad reported on preparations for poster awards at M&M2023.
 - MAS will only handle poster awards for technologists and post docs.
 - MSA will be handling student poster awards.
 - MAS will be giving two awards, with a prize of a gift card in the amount of the professional registration fee.
 - Josh asked if it would be in MAS' interest to have student poster awards to attract younger members.
 - Brad agreed, however splitting the posters between MSA and MAS to avoid duplicate awards became logistically difficult, and some student posters ended up not getting evaluated.
 - Jordan asked if there was any problem with double-awarding with MSA.
 - Brad responded that there can be bias towards certain research groups and institutions, so splitting up the MSA and MAS awards can help alleviate this.
 - Heather suggested that in order to keep MAS student poster awards, it would be possible to down-select abstracts for MAS related content and prepare poster awards completely separately from MSA.
 - Brad indicated that, going forward, two additional awards for posters could be given under this model.
 - Brad will follow up with the MSA Awards Committee chair about this.
- o Distinguished scholar awards for 2023
 - Brad is working with the MSA awards committee to coordinate splitting eligible papers.
 - Orders for plaques for award winners are currently being prepared.
 - The committee has identified candidates for Heinrich, Science and Service awards, which are currently under review.
- o Brad asked for ideas for better ways to solicit award nominations during M&M.
 - Heather suggested a feature be added to the meeting app that would allow users to nominate a paper directly.

- Computer Activities (Anette von der Handt)
 - Anette reported that 2023 has seen an uptick in web activity.
 - Traffic has mostly been driven by MAS events (e.g. Dale-abration).
 - Anette has been updating webpage with new council members and events.
 - Please keep submitting calendar and news items to Anette.
 - Anette is also working on creating the MAS intranet.
 - The intranet is intended to act as a one-stop shop for internal MAS info, such as logos, information on purchasing and reimbursement info, descriptions of committee duties, etc.
- Social Media (Dan Ruscitto)
 - Dan announced that he will be stepping down as social media Chair.
 - Dan has compiled information for all MAS social media accounts to be passed on to his successor.
- Education (Mary Scott)
 - Preparations for Meal with a Mentor at M&M2023 have begun.
 - Mentor lists will be updated after the meeting.
- Goldstein Awards (Abby Lindrstom)
 - Abby announced that there were two Goldstein Award winners this year.
 - Full information about the awardees is being compiled and will be sent to the Awards Committee soon.
- Finance (Peter McSwiggen)
 - Peter reported that the 2022 market downturn has continued into 2023.
 - The bond market was down ~15% in November off 1 January, while the S&P500 was down ~25%.
 - Losses in the MAS accounts due to the downturn were offset by an influx of cash from the MAS bank account.
 - At the end of 2022, the MAS account stood at \$682,081.89, down from \$700,447.13 in 2021.
 - There is hope that the market will turn around but situation remains very uncertain.
 - The Society is well positioned and distributed to weather this downturn, but there are no safe havens.
- International Liaison (Heather Lowers)
 - The 2023 EMAS meeting will take place on 5-11 May.
 - IUMAS-8 will take place on 11-16 June.
 - There are still 22 registration slots available.
 - There are also still some vendor opportunities available.
 - Heather suggested reaching out to sustaining members about

possibly filling them.

- There are also still three presentation slots left in the spectroscopy session and one in the biological session.
 - o Heather reminded the group that AMAS and EMAS typically sponsor students to be able to attend meetings like M&M and IUMAS, and the other international societies reciprocate.
 - Awards/Education/AReS committees may assist in finding students to represent MAS at these meetings.
 - o Heather asked whether the AMAS president had been invited to M&M?
 - EMAS and AMAS presidents are invited on alternate years.
 - Pat will confirm.
- IUMAS-8 (Andy Herzing)
 - o IUMAS-8 will take place in Banff, Alberta, on 11-16 June.
 - o Registration for the meeting opened in December.
 - o There will be a MAS-hosted pre-meeting workshop on open source data analysis prior to the meeting.
 - Josh Taillon and Andy are organizing the workshop.
 - There will be 10 invited speakers doing semi-interactive tutorial/demo sessions.
 - Keynote speakers will receive \$1000 for travel expenses, while other invited speakers will receive complimentary registration.
 - Registration for the workshop has been administered as an add-on to the general IUMAS-8 meeting.
 - After the workshop, most or all data processing methods will be hosted as interactive notebooks on GitHub.
 - Talks will be recorded with speaker approval, and may be hosted on the MAS video server or YouTube channel.
 - So far there are seven registrations for the workshop; further outreach will be attempted.
 - o One MAS-affiliated student will attend.
 - Two MAS students are usually sponsored; Andy requested the group think of ideas for a second student.
- Australian Conference on Microscopy and Microanalysis (Pat Camus)
 - o Pat reported that 400 people registered and attended the 2023 ACMM meeting in Perth, Australia.
 - o Exhibitor support was substantial.
 - o Next year's AMAS meeting will be in Brisbane.
- Student Council (Pat Camus)
 - o Pat reported that the MSA Student Council is asking for a sponsorship from MAS for their pre-meeting congress at M&M2023.
 - o Heather mentioned that the MAS president typically gives opening remarks at

student's PMC.

- Anette noted that this is an opportunity to advertise things like Goldstein scholars.
 - o Emma mentioned that Louisa Mezache from the Student Council is looking to have Zoom call with MAS and MSA for PMC planning in March.
 - Pat will follow up.
- Sustaining Members (Steve Seddio)
 - o Steve reported that he is waiting for a full report on sustaining member renewals from VirtualInc, but he expects the numbers to be similar to previous years.
 - o Emails were sent to sustaining members about IUMAS-8 sponsorship.
 - Steve reported that there were concerns from vendors about the size and cost of booths at IUMAS-8.
 - Also, some vendors were hesitant to spend significant funds on small meeting.
 - o Angela asked whether there had been an effort to target sample preparation companies as possible new sustaining members.
 - Steve will follow up.
- Topical Conferences (Pat Camus)
 - o Yoosuf Picard has resigned as Topical Conferences Chair.
 - o Please send nominations for a new Chair to Pat.
- Nominations Committee (Andy Herzing)
 - o The Nominations Committee consists of the President-Elect as Chair, the two Year 3 Directors, and two at-large members.
 - o Nominations will be open for Secretary, two directors, and the commercial director.
 - o Please contact Pat or Andy with nominations.
- Other Business (Pat Camus)
 - o The meeting of Science History Institute will take place on 9 May.
 - Pat may attend.
 - o The Geological Society of America has contacted MAS about possible collaboration.
 - GSA has been reaching out to other organizations with similar foci for things like parallel symposia.
 - Pat will attend a virtual meeting with GSA and other societies on 23 March.
- Adjourn: 13:10 EST