

Minutes of the 2016 MAS Annual Business Meeting
Wednesday, July 27, 2016, 5:15PM
Columbus, OH

President Tom Kelly called the meeting to order at 5:15 pm EST.

A head count was taken at the beginning of the meeting and noted that a quorum 46 (35 or more MAS voting members, per Article IV Section 3 of the ByLaws) were present. Several more members arrived for a total of ~71 present.

MAS Council Members and Committee Chairs present

Masashi Watanabe	President Elect (2015-2016)
Dan Kremser	Treasurer (2016-2017)
Tom Kelly	President (2014-2016)
Heather Lowers	Secretary (2016-2017)
Paul Carpenter	Topical Conferences (2010-2017), International Liaison (2012-2015)
Nicholas Ritchie	Computer Activities (2012-2017) and Awards (2014-2017)
Karen Wright	Membership Chair (2013-2016)
Rhonda Stroud	Strategic Planning Chair (2015-2017)
Lucille Giannuzzi	Sustaining Member Chair (2011-2017)
Assel	MicroNews (2016-2018)
Vin Smentkowski	Director (2016-2018)
Julie Chouinard	Director (2016-2018)
Kat Crispin	Director (2015-2017)
Yoosuf Picard	Director (2015-2017)
????Keana Scott	Director (2014-2016)
Joe Michael	Finance Committee Chair (2014-2017)
Vern Robinson	Corporate Liaison (2010-2017)
Luke Brewer	EBSA 2016 Co chair
Ed Vicenzi	IUMAS President
Kerry Siebein	ARes (2016-2018)

Highlights for the year are reviewed. There was a Winter Council meeting when Tom became President. At that meeting the Society's mission, vision, and goals were updated. Many of the years highlights show that the goals have been met or are on target to be met. The Society's finances are strong, the Goldstein Award has been established and first recipients chosen, the 6th annual meal with a mentor has 78 students, we are working to create a Commercial Director position, developing more synergies with MSA, established goals for using the investment fund, and have a new logo.

Members of Executive Council and Committee chairs are acknowledged. There are openings for the Membership Chair, Finance Chair, and Strategic Planning Chair as well as positions on the the Awards, MicroNews, and Computer Activities committees.

The goals for 2015-2020 that have been completed include organizing at least one Topical Conference per year, develop a new logo, clarify disposition of reserve fund, established a student participant on Council, and establish the Goldstein Award. Those goals that are currently being worked on include data management system for Society business, establish communications

system for Society business, streamline business processes, establish robust archive process, and establish rotating commercial liaison position.

An ad hoc committee was formed to look at capital utilization. The highest priority uses were to establish the Goldstein award, redesign our web presence, introduce tutorials to the web page, and use social media. Secondary priorities are to create a stronger Topical Conference program and support a Standards Committee for Microanalysis.

Secretary's report (Heather Lowers): The 2015 Business Meeting minutes were scrolled through. Abby Lindstrom moves to accept minutes, Nicholas seconds. Discussion: Rhonda Stroud asks that her dates for Strategic Planning Chair are corrected. End of discussion, all approve, no abstentions.

Treasurer's report (Tom Kelly??): The numbers shared are actuals through July 15, 2016. Member dues have gone up \$1500 during M&M and early renewals in December will move it closer to the goal of \$10,000. M&M 2015 in Portland was a good meeting and brought in more than budgeted. EPMA 2016 and EBSD 2016 brought in a total of approximately \$32,000. Other income sources are the journal, Chodos and Fiori funds, Corporate Awards, Goldstein Award, and FIGMAS. Expenses include society management, PayPal which was higher than anticipated due to registration fees incurred from the two TCs, Sustaining Members dues owed to MSA, and funds for ECS to attend IUMAS and for EMAS and AMAS students to attend the TCs. Remaining line items will be updated as expenses for the rest of the year come in. MAS liquid assets in the bank account and PayPal is \$176,140. There is \$1675 in the Chodos fund, \$13,125 in the Fiori fund, \$8000 in the Goldstein Scholars fund. The Chodos fund is lower because it was used to subsidize students for IUMAS-6. Based on the assets and cash flow, it is recommended that \$55,000 be transferred to the investment account. The 2017 budget was approved at Summer Council and will operate near break even.

Finance Report (Joe Michael): Joe thanks the Finance Committee members, Rhonda Stroud, Tom Kelly, Dan Kremser, Jim McGee, Pat Camus, and Ken Sparks with Morgan Stanley. The investment account value is approximately \$378,000 which is about a 3% return. The distribution of funds are within our Investment Policy Statement. The fund is doing well considering the Brexit vote and the winter sell off.

Strategic Planning (Rhonda Stroud): Rhonda thanks the Strategic Planning Committee members Yoosuf Picard, Masashi Watanabe, Karen Wright, and Dan Kremser. The past initiatives of the SP committee was to establish the Goldstein Award. This is now in place and awardees have been identified. New initiatives include a code of conduct policy similar to what AAAS and MSI have and create a member survey. The code of conduct is to make sure our Society is as welcoming as possible and members act in a responsible manner. The member survey is to better understand our member demographics so we can better serve and retain members. The survey was available at <https://www.surveymonkey.com/r/BXVZFZX> and about 120 of 400 members participated.

Of those that responded, 12 are student members, 95 full members, 2 sustaining members, and 8 emeritus members. The primary use of the membership in decreasing order is EPMA/SEM followed by TEM/STEM, atom probe, FIB and others. The secondary use of those that responded is FIB, EPMA/SEM, EBSD, TEM/STEM, and other. Approximately 85% of respondents have a graduate degree. The largest majority is in materials science followed by geology, physics, chemistry, and biology. Most attend M&M every year or most years while topical conference are attended occasionally or never. The largest age group is 45-54 followed by

55-65, 25-34, then 35-44. Males account for 73% and females 27% which is actually a higher proportion of females than most STEM societies. The most valued benefits of belonging to the society are the networking and topical conferences. Suggested areas of improvement include easy joint renewal, more frequent communications, more up to date website, and more opportunities for younger members.

Heinrich Award wording has been modified. The old wording stated “this award honors a scientist under the age of forty for distinguished technical contributions to the field of microanalysis”. The new wording is “This award honors a scientist less than 15 years from their terminal degree in the field who has made distinguished technical contributions to the field of microanalysis”.

Topical Conference (Paul Carpenter): Two excellent TCs, EPMA 2016 and EBSD 2016, were both held in May with excellent support from the vendor community and NSF. MAS Council provided \$5000 for international ECS from AMAS and EMAS to attend. The EPMA TC program guide has a ISBN number and hope to do this for future TC programs. Each TC profited approximately \$16,000. Luke summarizes EBSD 2016 and thanks his co-organizers, Dan, and Nicholas. There were 175 attendees of which 70 were students. Vendors brought equipment for demos. They offered simultaneous basic and advanced tutorials on the first day. The post meeting survey reflects 84% will likely attend another EBSD meeting. There are no planned TCs in 2017 because of IUMAS-7, EBSD 2018 is planned, and tentatively EPMA 2019.

Awards Committee (Nicholas Ritchie): The Awards Committee is looking for more members that represent the diversity of the Society. One initiative of the committee was the Heinrich Award change. The Awards Committee is looking for nominations for the major paper awards. Nicholas reminds us the Duncumb award requires a nomination and package submittal. Josiah Lewis wins the Castaing Award, Jorg Wiezorek wins the Birks Award, Alexander Eggeman wins the Cosslett Award, Alexi Valery wins the Macres Award. Julien Allaz wins the Heinrich Award, Michael Jercinovic wins the Presidential Science Award, Heather Lowers wins the Presidential Service Award, and David Muller wins the Duncumb Award.

M&M2016 (Brian Gorman): This turned out to be an excellent meeting with great representation by MAS. There were 2805 registrants which is second highest attendance with Portland 2015 being the highest. The approximate meeting revenue is \$487,000.

M&M2017 (Kat Crispin): There are at least 12-15 sessions of interest to MAS members. There is a dedicated microanalysis session led by Julien Allaz and Annette with heavy focus on microanalysis standards. There will be 2-3 atom probe symposia since IFES is cosponsoring the meeting.

Logo (Heather Lowers): Heather, Tom, and Julie worked with Brenna who provided 6 different logos. These were whittled down and modified. Heather, Tom, and Julie agreed on final logo and it was accepted at Summer Council. The logo was presented with minimal thrills.

Membership Integration with MSA (Vin Smentkowski): MSA and MAS are developing a master database with searchable fields that will allow for data mining to better understand membership demographics. The database will facilitate web-based membership renewal. MAS will have access to the database. The cost to MAS is a one time fee of \$1000 or less.

Commercial Director Position (Tom Kelly): Vendors have not had a bona fide vote despite sitting on Council for many years. A voting member will help to strengthen commercial representation on Council, commercial members will have a more direct voice in Society's governance, and more appeal to Sustaining Members. Each Sustaining Membership comes with three regular members. The nominees will be selected from this pool of candidates. Generally companies are looking out for the good of the community and will have amicable relationship with other companies. In addition, hopefully this will give Sustaining Members a chance to share their concerns and opinions on where to hold meetings or arrange space at meetings. Precedent for such a position is the MSA LAS director who is chosen from among the LAS representatives and EMAS added a similar position to their Council.

The proposal is to create one new Director position to be filled by a person employed by a commercial concern. Sustaining Members would elect the Director. At least two candidates nominated each time this position is open. Any one person may serve one consecutive term. It is a three year position with full voting rights. This requires a change in the bylaws.

Tom canvased the exhibit floor and talked with 10 vendors, big and small, and they felt it was about time. Tom shares the bylaws revision related to this change and would also like to eliminate gender specific possessive pronouns. The change regarding Executive Council Composition would read as follows: "*Composition: The Executive Council shall be composed of eleven (11) members: six Directors, one Commercial Director, and the following officers, the President, the President-Elect or Past-President, the Secretary, and the Treasurer. Each of these members shall have one vote in Council proceedings*". Ian also recommends striking any transitory language at the end of the bylaws. Ian moves to accept the bylaws presented at the business meeting to go forward to full membership for approval, Abby Lindstrom seconds. Discussion: A copy of the approved bylaws will need to be filed in New York. End discussion. All but one (Yoosuf Picard), approve, no abstentions.

Membership (Karen Wright): Total members as of July 22 were just over 350 with approximately 60 of those are student members. Approximately 50 were added during M&M. Possible emeritus members are Gretchen Kunze, Rosalie Semarge-Stern, Cathy Johnson, Ian Anderson, and John Armstrong. TC participants are no longer automatically members because most didn't want it and very few renewed. Exploring ways to get the student members to convert to regular members. There was a bump in membership due to EBSD 2012 but that same was not recognized for EBSD 2014.

Education (Abby Lindstrom): The big achievements for the Education Committee was the annual Meal with a Mentor and taking over the Goldstein Scholar Award. The 6th annual MWAM had 78 students and 12 mentors. There were three candidates from the first round of the Goldstein award. November 1 is the next deadline for Goldstein packets.

AReS (Kerry Seibin): Instead of the Wednesday luncheon meeting, AReS joined MSA LAS for breakfast on Tuesday. Most of the meeting was spent on incorporation and tax free status. The AReS webpage has been updated with contact info and tour speakers. Lucille and Vin have agreed to be tour speakers.

Sustaining Members (Lucille Giannuzzi): All 32 Sustaining Members are paid. Twenty-six are joint with MSA and 6 are MAS only. Twenty-four are exhibiting at M&M. If anyone knows companies that should join, let the SM committee know. The Sustaining Member are: Advanced MicroBeam Inc., Applied Physics Technologies Inc., Bruker Nano Analytics, CAMECA

Instruments Inc., Carl Zeiss Microscopy LLC, EDAX Inc., Electron Microscopy Sciences, EXpressLO LLC, FEI Company, Gatan Inc., Geller MicroAnalytical Laboratory Inc., Hitachi High Technologies America Inc., Hysitron Inc., ibss Group Inc., IXRF Systems Inc., JEOL USA Inc., Lehigh Microscopy School, Leica Microsystems Inc., Materials Analytical Services LLC, Micron Inc., Oxford Instruments America Inc., PNDetector GmbH, Probe Software Inc., PulseTor LLC, SEMTEC Laboratories Inc., SEMTech Solutions Inc., South Bay Technologies Inc., SPI Supplies/Structure Probe Inc., Ted Pella Inc., TESCAN USA, Thermo Fisher Scientific Inc., XEI Scientific Inc.

Computer activities: The committee is working to improve way the Society communicates including everyone contributes content and integration of website, MicroNews, and social media.

MAS International Liaison (Paul Carpenter): MAS has involvement in IUMAS-7 by mainly providing financial support to send a couple of ECS to the meeting.

EMAS (Mike Matthews): IUMAS-7/EMAS will be May 7-11 2017 in Lake Konstanz Germany. There is funding to award 16 ECS, two from each IUMAS society. There are six half day short courses, each being 50 Euros for registrants, 150 Euro for non-registrants. The courses are Introduction to EBSD (François Brisset), Advanced EPMA, incl. calcZAF (Paul K. Carpenter & Stuart L. Kearns), Electron microscope maintenance (Richard Wührer), Advanced spectral imaging, mapping and phase mapping (Hans Dijkstra), Monte Carlo Simulation (Philippe T. Pinard & Silvia Richter), and Introduction to Atom Probe (Tom Kelly). Each IUMAS Society is asked to provide a list of 4 candidates for award consideration by November 15, 2016.

Nominating Committee (Masashi Watanabe): Members of the Nominating Committee were Keana Scott, Brendan Foran, and Tom Kelly. Nominee for President is Rhonda Stroud, Nominee for Treasurer is Elaine Schumacher, and nominees for two Director positions are Emma Bullock, Roseann Csencsits, Andy Herzing, Yimei Zhu. Tom opens the floor for nominations, Paul closes the floor, Nicholas seconds, Pat Camus seconds, no further discussion, all approve, no abstentions.

Tom states it was a pleasure being president and he'll be around for help. Chuck Fiori put the beads of President on Joe Goldstein and it's a tradition that has continued since 1986. The beads are passed to Masashi along with the ceremonial gavel. Tom has donated a heavy duty white oak gavel to the Society.

Masashi Watanabe adjourns the meeting at 6:29 pm EST.