

Manufacturing Division Lunch Meeting  
Ceramics Expo, Cleveland, Ohio, May 2, 2018

Present:

Ryan Hershey; Allied Mineral Products  
Joe Bales; Mo-Sci Corporation  
Nick Dosch; Triton Ceramics  
Elizabeth Holm; Carnegie Mellon University  
Richard Feeser; Superior Technical Ceramics  
Mike Alexander; Allied Mineral Products  
Dan Tipsord; Trans-Tech  
Kevin Keefe; ENrG Inc.  
Doug Jeter; Verity Technical Consultants, LLC  
Lora Cooper Rothen; Du-Co Ceramics Co.  
Dana Goski; Allied Mineral Products  
Paul Ormond; AluChem, Inc.  
Yuechu Ma; Allied Mineral Products  
Jim Houseman; Harrop  
Steven Houseman; Harrop  
Bill Rogers; Old Hickory Clay, Co.  
Harry Lindstrom; Old Hickory Clay, Co.  
Chris Rogowski; Harper Intl.  
Prasad Apte; Harper Intl.  
Krista Grayson; Mo-Sci Corporation  
Jayson Zigman; Koch Knight  
Bai Cui; University of Nebraska-Lincoln  
Oh-Hun Kwon; Saint-Gobain  
Bill Carty; Alfred University  
Ed Reeves; Chair Manufacturing Division  
Keith DeCarlo; Chair-Elect Manufacturing Division  
Matt Creedon; Vice Chair-Manufacturing Division  
Steve Jung; Secretary-Manufacturing Division  
Charlie Spahr; ACerS Staff  
Mark Mecklenborg; ACerS Staff  
Kevin Thompson; ACerS Staff  
Erica Zimmerman; ACerS Staff

The meeting began with Ed Reeves welcoming everyone and thanking them for attending. He mentioned that there weren't any nominations this year for the Marquis Award and asked if anyone had input for changes to the award's scope. One idea was to utilize the funding for students to conduct their research.

On a conference call with ASTM on May 1<sup>st</sup>, the executive committee created a partnership where we would provide input on standards. This will also provide an opportunity for ASTM in increase their membership.

Erica will post committee information and meeting minutes on the website; the officers want to have a succession plan in place to fill the terms.

Keith DeCarlo took the stage to speak about growing the programming committee and the need for a new chair. Anyone should see Keith or Steve Jung if they are interested. The committee will focus on the 2019 Ceramics Expo programming. Erica will send an email requesting topic suggestions. Paul Ormond suggested automation as a topic. At MS&T, the division would like to reach out to students and to share what it is like to work in manufacturing. The division will work with the Young Professionals Network to set up student events at MS&T. Any ideas and volunteering at events are welcome. Keith also mentioned the officers hope a new awards and special projects committee will be productive.

Bill Carty stood and stated he will be the division's Fellows' representative again on the ACerS' Fellows committee. The division's nominations have been heavily academic and he hopes to change that. In the past, the Marquis Award committee would review journals to select nominations. He also provided an update on the ASTM conference call on May 1<sup>st</sup>. The call went very well and the division is interested in working with them; it will benefit the manufacturing division members. Ed Reeves added that they can direct ASTM towards standards their industry needs.

Through a PowerPoint presentation, division chair Ed Reeves outlined the Manufacturing Division's history including its formation out of the Whitewares and Materials Division in 2015. Since then, they created a Strategic Plan, and partnered to launch Ceramics Expo; now in its 4<sup>th</sup> year.

**Membership:** The Manufacturing Division's membership has been increasing steadily since 2016. In one year, membership has increased by 15%. Opportunities for growth include corporate, student and individual memberships. Promoting division programming, job postings, and student travel support are possible ways to increase membership. The American Ceramic Society now allows for up to 3 division memberships at no additional cost; this may help to grow their membership.

**Committee Restructuring:** The Manufacturing Division's Executive Committee decided to disband the Communications and Organizational Growth committees; the Executive and Programming committees will remain. The officers determined that creating committees with a singular, more focused goal would help to accomplish division objectives. The new committee structure is as follows:

Special projects: student outreach (utilize supplemental funds), networking events

Awards: professional and student

Standards: work with outside organizations

Programming: prepare a minimum of one symposium per year

**Programming Committee:** The programming committee created workshops for this year's Ceramics Expo that included topics on Additive Manufacturing of High-Performance Ceramics; Understanding Why Ceramics Fail and Designing for Safety; Dispersion and Rheology Control for Improved Ceramic Processing.

**Awards Committee:** There were no submissions for the 2018 John E. Marquis award. The committee will review the possibility of travel scholarships to MS&T through the Society's available supplemental funding.

**Standards Committee:** On May 1<sup>st</sup>, the executive committee along with Bill Carty conducted a conference call with Molly Lynyak (ASTM), Ryan Marino and Bill Gracey (Tile Council). They discussed partnering ASTM C-21 with the Manufacturing Division to provide input on ASTM standards. The

collaboration would help ASTM bolster membership and participation. The committee suggested hosting a speaker session on ASTM methods and practices at Ceramics Expo 2019. The discussion will be followed up by an in person meeting at MS&T.

In conclusion, upcoming events and items to note:

- The division will hold a Modern Ceramic Manufacturing Methods and Applications Symposium at MS&T 2018 in Columbus, Ohio.
- The officers are committed to establishing a bi-monthly conference call schedule.
- Ed called for volunteers to participate on the newly formed Awards and Standards committees.
- He encouraged nominations for incoming secretary for the division's executive committee.
- The division would like to host webinars, but need 3-5 people to volunteer to provide topics, logistics.

Ed thanked everyone for attending.

Respectfully submitted,

Erica Zimmerman