

**2018/2019 Division & Class Report  
to the  
ACerS Board of Directors**

**Division/Class: Manufacturing Division**

**Current Division/Class Officers: (complete as appropriate for your Division or Class)**

- Chair: Keith DeCarlo
- Chair-Elect: Matthew Creedon
- Vice-chair: Steven Jung
- Secretary: William Headrick
- ACerS Board of Directors Liaison: Mike Alexander

**Incoming Division Officers: (complete as appropriate for your Division or Class)**

- Chair: Matthew Creedon
- Chair-Elect: Steven Jung
- Vice-chair: William Headrick
- Secretary: Weston Wright
- Counselor: William Carty

**Summary of Meetings and Activities Held/To Be Held (from Oct. 2018 through Oct. 2019):**

Sub-committees and meetings held throughout the year:

- Fellows Committee – Chair: William Carty
  - Inaugural Meeting: N/A
- Programming Committee – Co-chairs: Bai Cui
  - Inaugural Meeting: 2/8/19
  - Approved symposium for MS&T 2020: Manufacturing and Processing of Advanced Ceramic Materials
  - Keith DeCarlo representing the Manufacturing Division for ACerS MS&T Programming Committee
- Special Projects Committee – Chair: William Carty
  - Inaugural Meeting: 2/22/19
  - Collaboration with ASTM C21 committee
  - Increasing student involvement through proposal of student travel awards for ACerS meetings to the Awards Committee
- Awards Committee – Chair: Bill Headrick
  - Inaugural Meeting: 3/6/19
  - Ceramics and Glass Legislative Award being introduced
    - Presented to members of legislative bodies who demonstrate a support to ceramic manufacturing, science and engineering, or who have championed academic efforts that lead to job creation or fulfillment that provides trained and skilled work force to our industries
  - Ceramics Expo Student Outreach Award
    - Presented \$500 per each applying university (maximum 5 applicants based on first come first served) to subsidize cost of travel and lodging for students
    - Awarded to only Alfred University
    - Paid for by supplemental funding
  - MS&T Student Outreach Award
    - Presented \$2000 to one applying university to subsidize cost of travel and lodging for students

- Awarded to Missouri MS&T
- Paid for by supplemental funding
- Marquis Award
  - Presented to the author(s) of the paper on research, engineering, or plant practices relating to ceramics published in the prior calendar year in a publication of the SOCIETY
  - Best papers currently being reviewed for February award date

5<sup>th</sup> Ceramics Expo; Cleveland, OH; April 30 - May 1, 2019

- ASTM committee C21 meeting was held with participation from the Manufacturing division
- New officer appointments for upcoming year
  - Executive committee leadership appointment is annual with start and end at MS&T
  - Sub-committee leadership appointment is annual with start and end at Ceramics Expo
- Division held sub-committee meetings occurred
- Manufacturing Division lunch with ~20 attendees to provide a membership update

ACerS 121st Annual Meeting at Materials Science & Technology 2019; Portland, OR; September 29 – October 3, 2019

- Attendance at ACerS board meeting

Working to re-write Division by-laws

- Incorporate changes to division structure as division has evolved since start-up
- Incorporate ideas from all members to better serve manufacturers in the society

#### **Future Planned Meetings/Activities (from Nov. 2019 – Oct. 2020):**

Leading:

- Committee teleconference meetings every other month
  - Sub-committee meetings include an executive committee member
  - Sub-committee nomination of incoming officers by end of year
- 6<sup>th</sup> Ceramics Expo; Cleveland, OH; May 5 - May 6, 2020
  - Annual “State of the Division” lunch at Ceramics Expo (Executive Committee)
  - Sub-committee meetings
    - Introduction of new officers
  - Executive committee meeting
    - Nomination of incoming officers
- ACerS 122nd Annual Meeting with Materials Science & Technology 2020
  - Attendance at ACerS board meeting (Executive Committee)
  - Executive committee meeting including introduction of new officers
- Presentation of 1<sup>st</sup> Ceramics and Glass Legislative Award (Awards Committee)
- Presentation of Marquis Award (Awards Committee)
- Annual ASTM C21 committee meeting at Ceramics Expo

Assisting:

- Programming of the 6<sup>th</sup> Ceramics Expo; Cleveland, OH; May 5 - May 6, 2020 (Programming Committee)
- Programming of the Ceramic Manufacturing Solutions Conference (Programming Committee)
- Content in Ceramics and Glass Manufacturing Magazine (Special Project Committee)

#### **New Initiatives/Opportunities:**

- Increased collaboration with other ACerS divisions
- Development of programming based around raw material manufacture
- Development of short-course/ACerS content that introduces manufacturing of ceramic materials to middle management that may not have direct experience with ceramics
- Increase active members in the division through defined content and volunteering

opportunities (new by-laws will help to promote)

**Action Items for ACerS Board Consideration at September 28, 2019 meeting:**

- None

**Issues/Concerns:**

- None

**Additional Items of Note:**

- None

**Financial Statement: (Including year-end summary of expenditures from the Division's Funds)**

Attached

**Submitted By:**

Keith DeCarlo