



**2012/2013 Division & Class Report
to the
ACerS Board of Directors**

Division/Class: Glass & Optical Materials Division

Current Division/Class Officers:

Chair:	Kelly Simmons-Potter
Chair-Elect:	Shibin Jiang
Vice-chair:	Steve Feller
Secretary:	Randy Youngman
Secretary-Elect:	Edgar Zanutto

Incoming Division Officers:

Chair:	Shibin Jiang
Chair-Elect:	Steve Feller
Vice-chair:	Randy Youngman
Secretary:	Edgar Zanutto

Summary of Meetings and Activities Held/To Be Held (from Oct. 2012 through Oct. 2013):

- GOMD Divisional meeting held as part of the 10th Pacific Rim Conference on Ceramic and Glass Technology, San Diego, CA, June 2-7, 2013. The meeting consisted of approximately 1000 attendees for the meeting, with 1019 presentations. GOMD-only portions of the scientific program included 195 presentations and 4 GOMD organized symposia. The division had its customary rich award program at this meeting, including the inaugural Darshana and Arun Varshneya Frontiers of Glass Science Lecture (Walter Kob, Montpellier 2), the George W. Morey Award (Denise Krol, UC-Davis), the Norbert J. Kreidl Award for Young Scholars (Lina Ma, Missouri University of Science & Technology) and the Stookey Lecture of Discovery (Clint Shay, Corning).
- Divisional program held at MS&T in Pittsburgh, PA (Oct. 2012) as part of ACerS annual meeting. The MS&T meeting in Pittsburgh had 8 sessions and 2 special symposia. There were 65 oral talks, including the Cooper Award for best undergraduate research project session, and 3 posters. The new IJAGS Award was approved by the Executive Board.
- Divisional program to be held at MS&T in Montréal, Québec, Canada (Oct 2013) as part of ACerS annual meeting. Joint sessions with other ACerS divisions / MS&T partners planned.
- Executive committee worked to develop one of the first Technical Interest Groups (TIG) per the initiative suggested by R. K. Brow and the ACerS Board. Liping Huang (RPI) and Randall Youngman (Corning) have organized a Computational Materials Science TIG and submitted a cross-division technical symposium proposal for the 2014 MS&T meeting. In addition to this symposium, additional organizational discussion has occurred in several venues (Daytona Mtg., PACRIM meeting), resulting in addition of several more TIG leaders.

Future Planned Meetings/Activities (from Nov. 2013 – October 2014):

- Deutsche Glastechnische Gesellschaft (DGG) and the Glass & Optical Materials Division Annual Meeting – DGG-ACerS GOMD Joint Annual Meeting, including the 10th International Conference on Advances in Fusion and Processing of Glass (AFPG) in Aachen, Germany (May 25-29, 2014).

- Divisional program at the MS&T meeting in October 2014 The GOMD will be supporting a number of symposia at the October 2014 MS&T meeting in Pittsburgh, PA. GOMD symposium programming includes: *Glass and Optical Materials*, *Amorphous Materials: Common Issues within Science and Technology*, and *Computational Materials Science* (see above for additional details).

New Initiatives/Opportunities:

- Continue to promote, particularly amongst members, the new *International Journal of Applied Glass Science* (IJAGS).
- Established location of reciprocal meeting with DGG, hosted by the GOMD, in May 2015. The meeting will be held in Miami, FL in 2015. This location was selected based on availability of properties, location appeal for Europeans, and access to international airport with a large number flights to key European cities.
- Division supported the new Varshneya Lectures. The Darshana and Arun Varshneya Lectures, funded by generous support from the Varshneya family, support two ACerS lectures at the GOMD division meetings. One lecture, the Darshana and Arun Varshneya Frontiers of Glass Science Lecture, was launched at the 2013 Pacific Rim Conference on Ceramic and Glass Technology. ACerS and the Division intend to pursue two lecturers beginning with the 2014 GOMD meeting in Aachen, Germany.
- Division also is finalizing details for the selection of the new IJAGS Professional Achievement Awards.
- The GOMD Executive Committee worked together with ACerS staff in 2012 and early 2013 to develop a strong proposal for the 2019 ICG conference. A team that included Kathleen Richardson, Hong Li, Mark Mecklenborg, and a number of other distinguished members of the GOMD leadership, presented the proposal in Prague in July 2013. The proposal was accepted and the ICG meeting will be held in Boston, MA in 2019 and led by GOMD. The timing is particularly appropriate because 2019 represents the 100 year anniversary of GOMD.
- In preparation for the 2019 ICG meeting, the GOMD Executive Committee is working to assemble a conference committee from academia, industry and government laboratories.
- Plans are underway to strengthen GOMD collaborations with the Chinese Ceramic Society, host of the 2016 ICG, through technical and programmatic exchanges that include participation by a GOMD committee in the China Glass Expo, April 14-17, 2014, and participation by the Chinese Ceramic Society in GOMD programming at MS&T 2014.
- ICG Update: Dr. Kathleen Richardson serves on the Coordinating Technical Committee (CTC), Dr. Jim Marra and Dr. Hong Li serve on the Council. Dr. Manoj Choudhary is now ICG Vice President further supporting GOMD/ACerS strong representation on the ICG.

Action Items for ACerS Board Consideration at the October 2013 meeting:

- Reminder that the Board has approved our roll-over of Divisional funds for specific future use in supporting GOMD participation at the joint DGG/GOMD conference (Aachen, Germany, 2014).

Issues/Concerns:

One of the goals of the GOMD has been to increase our international visibility and impact. Success in achieving that goal can be seen in recent activity to co-sponsor two consecutive spring meetings with the German Glass Society (DGG) in 2014 and 2015. In addition, our successful bid to host the 2019 ICG meeting is further evidence of the international impact of the GOMD. In that vein, however, the successful execution of international meetings requires significant financial support in order to assure student and member participation. It would be worthwhile for the Board to consider setting aside

funding and establishing funding mechanisms now (during a time when ACerS is financially solid) that can be applied for later by divisions in need of such financial support aimed at growing the impact and visibility of our divisions and Society.

Additional Items of Note: none

Financial Statement: attached

Submitted By: Kelly Simmons-Potter, 2012 – 2013 Chair of the GOMD