

2013/2014 Division & Class Report to the ACerS Board of Directors

Division/Class: Glass & Optical Materials Division

Current Division/Class Officers:

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

Incoming Division Officers:

Chair:	Steve Feller
Chair-Elect:	Randy Youngman
Vice-chair:	Edgar Zanutto
Secretary:	Pierre Lucas

Summary of Meetings and Activities Held/To Be Held (from Oct. 2013 through Oct. 2014):

- GOMD Divisional annual meeting was held together with Deutsche Glastechnische Gesellschaft (DGG) annual meeting in Aachen, Germany, May 25-29, 2014. The 10th International Conference on Advances in Fusion and Processing of Glass (AFPG) was held as part of the meeting. 644 participants (including 143 for the glass fiber symposium and 143 students) from 33 countries attended the meeting. 388 presentations were given (286 oral and 102 posters). Other events: 9 company booths, 6 company representatives for the "speed dating" meeting with students, and several technical visits were organized. GOMD had its customary rich award program at this meeting, including the George W. Morey Award (Stephen Elliott, Cambridge University), the Stookey Lecture of Discovery (Joseph S. Hayden, SCHOTT North America, Inc.), the Darshana and Arun Varshneya Frontiers of Glass Science Lecture (Matthieu Micoulaut, Université Pierre et Marie Curie), the Darshana and Arun Varshneya Frontiers of Glass Technology Lecture (T.J. Kiczanski, Corning Incorporated), and the Norbert J. Kreidl Award for Young Scholars (Peter Lezzi, Rensselaer Polytechnic Institute).

GOMD actively engaged in fund-raising to support ACerS student members and young scholars to travel to Aachen to attend the meeting. \$16,000 of GOMD Divisional funds were used to support students and young scholars. International Materials Institute (IMI) New Functionality in Glasses provided \$16,000 in scholarships. Mo-Sci generously donated \$20,000 for students to attend the meeting.

- Divisional program to be held at MS&T in Pittsburgh PA, USA, October 12-16, 2014, as part of ACerS annual meeting. About 80 papers on different glass problems and 10 on amorphous materials are going to be given at the MS&T. One of the highlights of the glass sessions will be the Cooper distinguished lectures by C. Austen Angell and Cornelius T. Moynihan, two of the most experienced and celebrated authorities in the field on glass relaxation. Nicole Johnson of Coe College was selected as Cooper Student Scholar winner for her work entitled "Development of Electronically Conductive Glasses for Resistive Plate Calorimeter Particle Detectors."

- A delegation representing The American Ceramic Society met with colleagues from the Chinese Ceramic Society and the ICG in Shanghai, China, on April 15 to discuss planning for the XXIV International Congress on Glass, to be held in Shanghai in 2016. Richard Brow (ACerS past-president), Manoj Choudhary (ICG vice president), Shibin Jiang (GOMD chair), and Hong Li (ACerS representative to the ICG) met with Prof. Peng Shou, president of the ICG and of China Triumph International Engineering Co., Yongmo Xu, president of CCerS, and Tan Fu, deputy secretary of CCerS, to develop plans to promote the participation by ACerS members in the 2016 Congress. A liaison committee was created to organize cooperative activities related to the Congress and to address other opportunities to strengthen ties between ACerS and CCerS.

Future Planned Meetings/Activities (from Nov. 2014 – October 2015):

- GOMD-DGG joint annual meeting will be held in Miami, Florida, May 17-23, 2015. Gang Chen, Steve W. Martin, and Reinhard Conradt are serving as program chairs. The meeting will consist of the following five symposia:
SYMPOSIUM 1: Energy and Environmental Aspects –Fundamentals and Application
SYMPOSIUM 2: Glasses in Healthcare – Fundamentals and Application
SYMPOSIUM 3: Fundamentals of the Glassy State
SYMPOSIUM 4: Optical and Electronic Materials and Devices– Fundamentals and Application
SYMPOSIUM 5: Glass Technology and Cross-cutting Topics

John McCloy will chair GOMD program at MS&T 2015, which will be in Columbus, Ohio, and call for papers were submitted

New Initiatives/Opportunities:

- GOMD and ACerS are planning to formally recognize the 100th Anniversary of the Society of Glass Technology (UK). Their centennial celebration occurs in 2016 and we intend to send a delegation and letters of congratulations from the president of ACerS and the GOMD chair to their annual meeting.
- In preparation for the 2019 ICG meeting, the GOMD Executive Committee selected Richard Brow as the President of 2019 ICG meeting.
- Active communications are on-going to strengthen GOMD collaborations with the Chinese Ceramic Society, host of the 2016 ICG, through technical and program exchanges that include participation by the Chinese Ceramic Society in GOMD programming in 2015.
- 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.
- Continue to promote, particularly amongst members, the new *International Journal of Applied Glass Science* (IJAGS).

Action Items for ACerS Board Consideration at the October 2014 meeting:

- Request the Board's approval for the roll-over of Divisional funds in 2014 to 2015 for supporting the joint GOMD/DGG annual meeting in Miami in 2015.

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: Shibin Jiang, 2013 – 2014 Chair of the GOMD