

Special Interest Group Small Molecule, Annual Report 2013

2013 Small Molecule SIG elected officers are:

Chair: Louise Dawe

Chair Elect: Amy Sarjeant

Secretary: Carla Slebodnick

At the 2012 Meeting in Boston, the Small Molecule SIG sponsored or co-sponsored the following sessions:

TR.01: Transactions: Transformations and Structural Oddities in Molecular Crystals: In Honor of Bruce M. Foxman (with the Powder, Neutron, Materials, GIG, and Service SIGs). Chairs: Kraig Wheeler, Magali Hickey, Graciela Diaz de Delgado

13.07: Past Reflections and Future Directions: 100 Years of Diffraction and the 25th Anniversary of the Service Crystallography Scientific Interest Group (with the Service SIG). Chairs: Louise Dawe and Curt Haltiwanger

13.09: Protein and Small Molecule Crystallography at Undergraduate Institutions: Research, Pedagogy and Professional Development. (with the GIG, CEC SIGs). Chairs: Kraig Wheeler and Roger Rowlett

10.01: Important Science From Small Molecule Structures. Chairs: Larry Falvello and Alberto Albinati

10.02: Cool Structures. Chairs: Xiaoping Wang and Jeanette Krause

13.21: Crystallographic Information in Pharmaceutical Research and Development. (with the Industrial SIG) Chairs: Magali Hickey and Matt Peterson

The Small Molecule SIG is sponsoring or co-sponsoring the following sessions at the 2013 meeting:

13.06. Cool Structures (with Service and Canadian SIGs). Chairs: Richard Staples and Yulia Servyugina

13.08. Building Protein and Small Molecule Research Capacity at an Undergraduate Institution. (with BioMac/Industrial/CEC/GIG/Canadian) Chairs: Roger Rowlett and Kraig Wheeler

13.09. Materials for a Sustainable Future & Structure/Function of Metal-Organic Frameworks. (with Materials/Powder/Neutron/Service SIGs) Chair: Olaf Borkiewicz, Peter Khalifah, Xiaoping Wang.

10.01. Interplay of Crystallography, NMR and Theoretical Methods. Chairs: Alberto Albinati and Larry Falvello

TR.04. Transactions Symposium: Neutron & Synchrotron Sources: Role in Crystallography Session IV - Chemical Crystallography. (with Synchrotron SIG) Chair: Christine Beavers and Simon Teat

13.15. Contemporary Crystal Engineering. (with Powder SIG) Chair: Tomislav Friscic and Travis Holman

The Small Molecule SIG will propose to sponsor/co-sponsor the following session at the 2014 meeting:

Crystallography Under Extreme Conditions. Chair: Christine Beaver

Ultra-short X-ray wavelengths ($\lambda \sim 0.3$ Angstrom) for macromolecular crystallography, charge density studies and ameliorating radiation damage
Chair: Vivian Stojanoff (NSLS/NSLS2)

Cross Talk: Tools and techniques to share between subdisciplines. Chair: Louise Dawe and Jason Mercer (*This may be submitted as a transactions symposium with a modified title at the 2014 planning meeting.)

Engaging undergraduate students with X-ray crystallography: curriculum development, undergraduate research, equipment acquisition, and strategies for faculty success. Chairs: Roger S. Rowlett, Gordon & Dorothy Kline Professor of Chemistry, Colgate University and Kraig Wheeler, Professor of Chemistry, Eastern Illinois University (discussion at the Small Molecule SIG meeting indicated that this will be proposed by the GIG and also co-sponsored with the Service SIG)

Cool Structures. (with Service SIG) Chair: Richard Staples and Shao-Liang Zheng

Would You Publish This? (co-sponsor with Service SIG). Chair: Christine Beaver

Notes:

1. Martha Teeter has communicated that there is to be strong Latin American support at the 2014 meeting. Martha has provided all SIG chairs with a list of possible Latin American speakers, which can be made available to session chairs. Special funding is available to facilitate their participation in the 2014 meeting.
2. The Small Molecule SIG membership continues to be very concerned about conference costs. Richard Staples proposed that members contact their local conference facilities and submit these as possible locations to the ACA.

3. The minutes from the 2011 ACA Business Meeting indicate that the SIGs can pick their own dates and times to meet (this even includes breakfast meetings, which councils currently does in order to fit in all their meeting, and 5pm meetings.)
4. The 2013 Small Molecule Etter Award Winner is Andrew Cairns from the University of Oxford, UK, who delivered his talk Pushing the Limits: Giant Negative Linear Compressibility in session 13.06: Cool Structures. Session organizers are reminded to reserve a speaker slot for an Etter Award talk if they nominate a candidate, until such time as a speakers has been chosen.

The 2014 Nominating Committee is:

Louise Dawe
Christine Beavers
Amy Sarjeant

Louise Dawe
2013 Small Molecule SIG, Chair