

Minutes of the Small Molecules SIG 2016 ACA Annual Meeting,
Denver, CO, 12 pm Monday, July 25, 2016
Sheraton Denver Downtown Hotel, Room: Plaza Ballroom ABC

Chairing: Yulia Sevryugina
Chair Elect: Stacey Smith
Secretary: Danielle Gray

Before the meeting was called to order Yulia Sevryugina spoke on behalf of the future co-chairs to make the points that

- a. Next year the ACA meeting will be early, May 26-30.
- b. There are limited funds available from the ACA for session support (expect no more than \$400/session).
- c. If session chairs need additional funds to make their session successful, this funding must come from industry or other sources. Industrial budgets are often set before Dec. 31, so chairs should approach industrial sponsors early.
- d. Financial support from the ACA can only be spent on speaker meeting costs, and cannot be used to take speakers out to dinner. Funds from industry or other sources can be spent however these sources approve.

1. Approval of the 2015 Small Molecule SIG minutes

Charlotte Stern moved and John Bollinger seconded. Motion carried.

2. Review of sessions sponsored/co-sponsored by Small Molecule SIG at 2016 Meeting. 10 sessions were sponsored or co-sponsored by the Small Molecule SIG this year.

- Mineralogical Crystallography – Aaron Celestian and Nichole Valdez – This session was well attended and there is continued interest for holding the session again next year.
- Structure-Property Relationships – Christine Beavers and Pete Wood - This session was well attended (30-50 attendees/ talk) and received. Mikaela Pynch from George Washington University was awarded the Industrial Etter Student Lecture Award during this session.
- High Impact Crystallographic Education – Bruce Foxman and Kraig Wheeler - More than 80 people attended. Teaching materials and methods were highlighted in this session.
- Would You Publish This? – Louise Dawe and Danielle Gray – More than 80 people attended with constructive discussion between the speakers and the audience.
- Cool Structures – Karah Knope and Xiaoping Wang - This session is well attended and should continue to be a staple of the Small Molecule SIG (~50 attendees/talk).
- Engaging Undergraduates with Crystallographic Research – Rachel Powers and Joe Tanksi – This session was well attended (30-40 attendees). Speakers highlighted their use of diffraction techniques in undergraduate research.
- Things we No Longer Need to Know – Carla Slebdonick and Charlotte Stern – Had good attendance with 80+ people.
- Advances in Supramolecular Chemistry – Heba Abourahma and Kraig Wheeler – was a well-attended all day session with 30-50 attendees/talk. Victoria Hall from Georgetown University was awarded the Small Molecule Etter Student Lecturer Award during this session.
- Making Sense of Diffuse Scattering – Jim Britten and Christina Hoffman – has not yet been held, but is running Tuesday morning.

- Standard Practices in Crystallography II: Structure Refinement and Validation – Peter Mueller – Has not yet been held, but is an all-day session on Tuesday. Claudia Wandtke from University of Goettingen will be awarded the Service Etter Student Lecturer Award during this session.
3. Proposed Sessions sponsor/cosponsor for the 2017 Meeting
- **Cool Structures** – chaired by Richard Staples and Jeff Bertke (1/2 day)
 - *Would You Publish This?* – co-sponsored by SSIG – chaired by Danielle Gray and Carla Slebodnick (evening), Madushani Dharmarwardana (YSSIG co-chair)
 - **Structural Dynamics** – chaired by Jason Benedict, Marius Schmidt (1/2 day) – as a continuation of this year’s transaction symposium.
 - *Using Standard Tools & Methods in Non-standard ways* – sponsored by Service SIG – chaired by Andrey Yakovenko and Milan Gembicky (1/2 day)
 - *Engaging Undergraduates with Crystallographic Research* – to be co-sponsored with GIG – chaired by Joe Tanski (1/2 day)
 - **Important Science from Small Molecules** – co-sponsored by YSSIG- chaired by Karah Knope and Alberto Albinati with YSSIG member Korey Carter as co-chair.
 - *Complex Oxides* – suggested by MNP and Small Molecule SIG would co-sponsor session to be chaired by Branton Campbell and Xiaoping Wang (1/2 day session)
 - **Mineralogical Crystallography** – Aaron Celestian and Nichole Valdez would like to chair this session again because it was well attended this year and they believe that a full day session is warranted and request that the Complex Oxide session also be held, but at a different time to attract more geology participants to the meeting (1/2 day).
 - *Home written software* – sponsored by SSIG and co-sponsored by SmMol – Chaired by Larry Falvello and Victor Young. A session where home written software and scripts are shared with our community. (1/2day)
 - *In situ techniques in small molecules* – sponsored by Light Sources, co-sponsored by SmMol - chaired by Christine Beavers and Laura McCormick (1/2 day).
 - *Crystal Structure Prediction & Property* – proposed by Industrial SIG – SmMol SIG will co-sponsor – chaired by Peter Wood and Mariusz Krawiec
 - *Crystallography in Pharmaceutical Development* – proposed by Industrial SIG – SmMol SIG will co-sponsor – chaired by Andrew Brunskill and Milan Gembicky
 - *Crystallographic Careers in Industry* – proposed by Industrial SIG, co-sponsored by YSSIG – Small molecule SIG will co-sponsor – chaired by Richard Staples and
 - *Standard Practices III: Publication Practices* – co-sponsored by GIG, SmMol, sponsored by SSIG – chaired by Peter Mueller (1/2 day)
 - **NMR Crystallography** – Manish Mehta – Small Molecule SIG would sponsor (1/2 day).
 - **Crystal Growth** – co-sponsored by Service SIG - Kenneth Harris (1/2 day)
4. Other Business
- a. There are two candidates for the Chair Elect position
Karah Knope and Graciela Diaz de Delgado
5. Meeting suspended until Service SIG completed their business
- a. Carla Slebodnick called the motion and Lee Daniels seconded the motion. Motion carried.
6. Meeting called to a joint adjournment by Richard Staples and then seconded by Peter Mueller. Motion carried.