

**AG/Committee Name: SETAC NA Chemistry Advisory Group (NACAG)**

**Submitted by: Ping Sun, 2016 NACAG Chair**

**Date: 10-14-2016**

**Council/Board Liaison: Wendy Hillwalker**

**Organization**

Membership in the North America Chemistry Advisory Group is open to all SETAC members, and to all professionals and students interested in the topics addressed by the NACAG. Members must have a commitment to the purpose, goals, and operating guidelines of the Chemistry Advisory Group and commit to supporting the NACAG. The NACAG's activities are guided by the Chemistry Steering Committee (CSC), the leadership of the advisory group. The 2015 CSC included 15 active members divided between government, industry, and academia. One student member was elected and added to the steering committee in January 2014 to increase involvement and ensure future SETAC representation by the NACAG, and she has maintained her membership through 2015. According to the SOP, the CSC is comprised of at least 10 and no more than 15 organizers that are SETAC members in good standing, and provides representation of professionals from government, industry, and academia. (Operating Guidelines for the SETAC North America Chemistry Advisory Group, Approved Aug 18, 2010).

**Current and Future Activities Summary**

Chemist Travel Award- The 2016 NACAG New Chemist award was presented to Allison MacKay , College of Engineering Department of Civil, Environmental and Geodetic Engineering, The Ohio State University. The award provides for registration and hotel for the annual North America SETAC meeting and was instituted to introduce chemists and their students/mentees to SETAC.

SETAC-ACS ENVR student exchange award- We received 44 excellent applications this year and these four students to be judged in Orlando. The 2015 winner was Benedette Adewale (Stony Brook University). The award provides \$1000 in travel support for the student to present their research at an American Chemical Society (ACS) national meeting. The winner of the 2016 award will be announced in early 2017.

In addition, to improve recruitment and retention of awardees, an informal NACAG buddy system has been implemented for these two awards. This system is voluntary and is similar to SETAC North America Buddy System with the added benefit of a shared interest in chemistry. Steering committee members have drafted standard operating procedures (SOPs) to help facilitate and standardize the award process from year to year, and they were formally adopted by the committee in 2015. All documents are now uploaded to a shared folder accessible by all committee members on the NACAG website.

Sponsored SETAC NA sessions- The steering committee selected three session proposals to sponsor at the 2016 SETAC NA 37<sup>th</sup> Annual meeting in Orlando, FL. This year we focused on novel and innovative chemistry session proposals that promote broad reaching science with a trans-disciplinary and integrated approach. The two sessions selected were:

- Advanced Analytical Methods for Contaminant Discovery
- New and Persistent Contaminants in the Environment from the Reuse of WWTP Effluent Streams.

Global Horizon Scanning Project. The NACAG Steering Committee was asked to assist in identifying future research questions for the Global Horizon Scanning Project and has been promoting

involvement through the website and emails. The NACAG continued to support the GHSP throughout the year and by co-sponsoring a session regarding the project at the August meeting of the American Chemical Society.

Support of the Global Chemistry Advisory Group. The NACAG continued to support the operation of the GCAG through 2016. Several members of the NACAG have also served in Global CAG steering committee and provided insight and feedback to the global group.

Outreach and Social Activities. The CSC hosted a very well received NACAG social event in Orlando to promote interactions between SETAC chemists attending the national meeting and for the Global CAG as the Orlando meeting was also a World Congress. The event was supported using both external (industry/exhibitor) and internal (NACAG members) donations. The overall turnout was greater than 100 people and led to additional interest in NACAG and support for an annual social event in conjunction with the business meeting. The NACAG is planning a similar event together with global CAG, and has generated interest and support from additional sponsors to help with external funding of the event in Minneapolis.

The CSC provides liaisons to SETAC Membership, NA Science, and Early Career Development Committees.

#### Outreach outside SETAC

The SETAC-ACS Student exchange award increases visibility and interactions with ACS. We have formed a small workgroup to further advance and solidify the relationship between ACS and SETAC-NACAG.

#### **Business and Planning Meetings**

In 2016, Steering committee meetings were held monthly (except December) on the 3<sup>rd</sup> Thursday. The 2015 annual business meeting was held during the Salt Lake City meeting. The 2016 annual business meeting will be held Tuesday November 8, at 9:00am during the SETAC World Congress. There were 20 people in attendance

#### **Membership Communications**

There is a quarterly email update sent to the NACAG membership to announce opportunities, publicize upcoming scientific meetings, request volunteers, and solicit feedback. We continue to develop the NACAG presence on the SETAC website with updates, announcements, and postings.

A face-to-face business meeting (open to everyone) was held in Salt Lake City with ~30 attendees. A similar meeting will be held in Orlando. Nearly all steering committee email communications are also shared with several SETAC staff members. They are invited and often attend the monthly meetings.

In 2016, we have successfully recruited 5 new members to serve in steering committee. In 2016, Pamela Rice and Ping Sun stepped down. Kate Albanese has graduated and will no longer be able to serve as student representative and was approved to remain on the steering committee as a voting member. NACAG needs to continue recruiting one additional member and one student representative to serve in CAG.

#### **2016 Steering Committee**

| <b>Name</b> | <b>Locale</b> | <b>Sector</b> | <b>Role</b>       | <b>Term</b> |
|-------------|---------------|---------------|-------------------|-------------|
| Ping Sun    | USA           | Industry      | 2016 Chair        | 2011-17     |
| Alan Jones  | USA           | Industry      | Past Chair (2015) | 2011-17     |

|                  |        |            |                        |         |
|------------------|--------|------------|------------------------|---------|
| Dan Snow         | USA    | Academia   | Past Chair (2014)      | 2011-17 |
| Simon Roberts    | USA    | Industry   |                        | 2016-19 |
| Da Chen          | USA    | Academia   |                        | 2016-19 |
| Yaning Yang      | USA    | Industry   |                        | 2016-19 |
| John Kucklick    | USA    | Government | 2016 Chair-Elect       | 2011-17 |
| Pamela Rice      | USA    | Government |                        | 2013-16 |
| Wendy Hillwalker | USA    | Industry   | SNA BoD liaison        | 2013-16 |
| Katie Albanese   | USA    | Academia   | Student Representative | 2014-17 |
| Amina Salamova   | USA    | Academia   |                        | 2015-18 |
| Craig Butt       | USA    | Academia   |                        | 2015-18 |
| Robert Letcher   | Canada | Government |                        | 2015-18 |
| Cora Young       | Canada | Academia   |                        | 2016-   |
| Matt Ross        | Canada | Academia   |                        | 2016-   |
| Bruce Vigon      | USA    | SETAC      |                        | No Term |

***No. active members: 200***

***Total membership: 333***