

**Joint Board-Council Committee on Environmental Improvement**  
**March 15, 2014 – Dallas, TX**

**UPCOMING MEETINGS**

<b>Date</b>	<b>Location</b>	<b>Meeting Theme</b>
08/09/14	San Francisco, CA	Chemistry and Global Stewardship
03/21/15	Denver, CO	Chemistry of Natural Resources
08/15/15	Boston, MA	Innovation from Discovery to Application
03/12/16	San Diego, CA	
08/20/16	Philadelphia, PA	
04/01/17	San Francisco, CA	

**ATTENDANCE**

Members, Associates, Consultants, and Liaisons – Laura Pence (Chair), Georjean Adams, George Cobb, Rich Lomneth, Michael Matthews, Laura McConnell, Martin Mulvihill, Melissa Pasquinelli, Keith Peterman, Robin Rogers, Barclay Satterfield, James Solyst, Jennifer Tanir, Robert Yokley, Joseph Zoeller, Bassam Shakhashiri, Jerry Bell, Ean Warren, Alan Elzerman, Cathy Middlecamp, Rich Lomneth, Eileen Nottoli, John Jayne, Carol Henry, Michael Gonzalez, Jack Fowle, Elise Fox, Chris Avery, Darlene Schuster, Anthony “Tony” Noce, Ray Garant (Staff Liaison)

ACS Staff – Darcy Gentlemen (OPA), Jenny MacKellar (ACS GCI), Carl Maxwell (OPA), Lauren Posey (OPA)

Guests – David Constable (ACS GCI), Bob Rich (ACS)

**INTERIM ACTIONS**

As our first order of business the Committee voted by voice to *certify the following interim actions completed since our meeting in Indianapolis:*

1) *2014 Appointments by the Chair*

*Officers of the Committee*

- *Georjean Adams as subcommittee chair for public policy*
- *George Cobb as subcommittee chair for member involvement*
- *Rich Lomneth as subcommittee chair for programming and education*
- *Tony Noce as secretary*
- *Rich Lomneth as program chair*

*Liaisons*

- *Martin Abraham to the Multidisciplinary Program Planning Group*
- *Alan Elzerman to the Society Committee on Education*
- *Ean Warren as liaison to the International Activities Committee*
- *Tony Noce as liaison to the Committee on Corporation Associates*

*(Noce moved, Henry seconded)*

2) *Approval of the minutes from the September 7, 2013 meeting of the Committee in Indianapolis, Indiana*

*(Noce moved, Lomneth seconded)*

3) *Identification of the winners of the 2014 ACS-CEI Award for Incorporation of Sustainability into Chemistry Education*

- *Jack F. Eichler - University of California, Riverside*
- *Andrew B. Greytak - University of South Carolina*
- *Avi Hofstein, Miri Kesner, and Yael Shwartz - Rehovot, Israel*
- *Mageswary Karpudewan - Universiti Sains Malaysia*
- *Mingming Lu - University of Cincinnati*

*(Noce moved, Elzerman seconded)*

The Committee voted ***to elect Alan Elzerman as Vice Chair.***

## **PROGRAMMING AND EDUCATION SUBCOMMITTEE**

Programming and Education Subcommittee materials may be found behind tab 5 in the agenda materials.

Lomneth (subcommittee chair) provided a verbal report.

Rogers provided a verbal report on the Fall 2014 San Francisco thematic programming.

Programming & Education Subcommittee Report:

- For Dallas, 16 symposia co-sponsored, movie “Trashed!” will be shown Tuesday at noon
- SF meeting is largely in order; thematic programming is in the agenda book
  - Marty Mulvihill has organized “Hot Topics” for SF, where CEI is prime sponsor
  - Irv Levy of CHED is putting together symposium on sustainability across various Divisions; an idea that grew out of CEI Program Chairs’ Breakfast in Indy
  - MOTION: support of Critical Materials symposium in SF
- Discussed goal to have CEI be primary sponsor of at least one symposium per year; ideas for 2015 in consideration
- Worthwhile for CEI to continue support for the Awards for Sustainability in Education
  - Symposium for these awards at Dallas meeting (Sunday at 8:30am)- pg 109
- Summary of latest COP trip by Keith Peterman
- Working Group for Sustainability in Education meeting Sunday morning for breakfast; Melissa Pasquinelli is lead

Discussion Item:

- How to get information about Awards for Sustainability in Education out to a wider audience?

*Motions*

Lomneth moved and the Committee voted by voice to *authorize Marty Mulvihill to expend funds not to exceed \$1,000 in support of CEI's "Hot Topics" symposium at the ACS 2014 Fall National Meeting in San Francisco, CA.*

Lomneth moved and the Committee voted by voice to *provide \$1,000 to support the participation of students and academics in the "Enabling the Sustainability of Critical Materials, Part II: Separation Science and Technology (SST) as a Convergence Platform for SusChEM" at the ACS 2014 Fall National Meeting in San Francisco, CA.*

## **MEMBER INVOLVEMENT SUBCOMMITTEE**

Member Involvement Subcommittee materials may be found behind tab 4 in the agenda materials.

Cobb (subcommittee chair) provided a verbal report of the Subcommittee's activities.

Member Involvement Subcommittee Report:

### ChemLuminary Nominations

- The member involvement subcommittee received 6 applications for this year's ChemLuminary award. Several of the applications were worthy of discussion and the committee had a difficult decision. After much debate, the subcommittee would like to nominate the Louisiana Local Section for the ChemLuminary award. The two runners up are Chicago local section and the Chemical Society of Washington.
- Each applicant will receive a letter of thanks, acknowledging their hard work and success of their activities. The letters will include constructive feedback from the discussion and encourage each local section to apply again.
- Some issues were identified with the FORMS application that may cause confusion for the applicants. These items will be clarified. It would also be helpful to have all of the ChemLuminary Awards listed in one place on the ACS website along with descriptions of each of the awards and their nomination application requirements.
- Due to the number of high quality applications, there was a question as to whether there should be multiple awards to reward local sections of different sizes: large local section, medium, small

### Mini-grants

- The subcommittee received one application for a mini-grant from Austin College. The subcommittee reviewed the application and felt that it was worthy of funding. Austin College will be running a symposium at the regional meeting and are building on the work they did with their Climate Science Toolkit grant.
- Moving forward, each mini-grant will have a liaison from the member involvement subcommittee to ensure proper communication between ACS and the grant recipient. Mike Matthews will coordinate the liaison-local section interactions and will serve as the first point of contact for each new mini-grant.

### Marketing Mini-grants and ChemLuminary

- The Member Involvement Subcommittee will continue to improve marketing of the mini-grants and the ChemLuminary Awards. We will do this through ACS Leadership Institute (including the ACS Divisions, local sections and YCC), ASC Newsletters and social media outlets. Additionally, we will create a distribution list of local sections and ACS members

that are interested in receiving information about these awards and grants.

#### Climate Science Toolkit

- The Member Involvement Subcommittee has created a sub-team (Jen Tanir, Joe Zoeller, Eileen Nottoli and Mike Matthews) to review the Climate Science Toolkit. This sub-team will review the feedback from the user survey and the reports from the climate science grant winners and create a list of best practices for using the toolkit, recommendations for improving the website, identify additional materials that are needed and identify areas needing clarification. The sub-team is also interested in helping K-8 educators use the toolkit.

#### Strategic Planning

- Over the next year, the subcommittee will continue to focus on improving advertising of the ChemLuminary and mini-grants, with the goal of having 8 high quality applications for each of these programs each year. As part of this effort we would like to capture some of the success stories from past winners and post them on the website.
- We would also like to highlight the work of the winners through a webinar platform. This could be done in conjunction with the ACS technical divisions or another ACS platform. The webinars could also be used to promote sustainability issues and provide inspiration, guidance and tools for environmental improvement action at the local level.

#### *Motions*

Cobb moved and the Committee voted ***to fund the Local Section Sustainability Activity Grant Proposal from the Dallas-Ft. Worth Local Section.***

Cobb moved and the Committee voted to ***name the Louisiana, Chicago, and Chemical Society of Washington Local Sections as Finalists for the ChemLuminary Award for Outstanding Sustainability Activities.***

Cobb moved and the Committee voted to ***award the Louisiana Local Section the ChemLuminary Award for Outstanding Sustainability Activities.***

#### **PUBLIC POLICY SUBCOMMITTEE**

Public Policy Subcommittee materials may be found behind tab 6 in the agenda materials.

Adams (subcommittee chair) provided a verbal report.

#### 2014 Retiring Policies

- Scientific Insight and Integrity in Public Policy
- Sustainability and the Chemical Enterprise

Public Policy Subcommittee Report:

#### Topics Discussed

- Climate Change
- Energy Policy
- Sustainability
- Water Initiative Update

- TSCA/Risk Assessment
- Scientific Integrity
- Fracking Status Report
- Strategic Plan
- Public Policy Priorities

Actions Taken:

- Appointed a CEI writing team for sustainability statement
- Committee agreed to circulate and review Energy and Climate Statements to begin process of potential rewrites/updates.
- Chris updated committee as to funding writing team status
- Subcommittee expects a proposal for a policy statement on water reuse to be forthcoming in San Francisco
- FYI on SF Hot Topics: Communicating Risk to Public (Marty) and Chemistry for Sustainability (Mike G)
- Subcommittee Chair to discuss with Programming about policy statement rollout.
- No need to change public policy priorities

*Motions*

Adams moved and the Committee voted by voice that ***the Committee create a writing team to explore the possibility of updating the ACS Statement on Sustainability and the Chemical Enterprise.***

*Pence appointed Satterfield as chair of the writing team.*

Adams moved, Lomneth seconded, and the Committee voted by voice that ***the Committee create a writing team to explore the possibility of updating the ACS Statement on Scientific Insight and Integrity in Public Policy.***

*Pence appointed Schuster and Henry as co-chairs of the writing team.*

**GUEST SPEAKER – ACS ENVIRONMENTAL SCAN**

Neil Jespersen presented the concept of environmental scanning and how ACS is using it for strategic planning.

Overall top trends for CEI – [strategy@acs.org](mailto:strategy@acs.org)

**ISSUES IN GREEN AND SUSTAINABLE CHEMISTRY**

David Constable – Green Chemistry perceptions

Laura Pence – Sustainability ([www.acs.org/sustainability](http://www.acs.org/sustainability)) Defining Sustainability in the Chemical Enterprise (an ACS CEI program)

- Sustainable chemistry
- Sustainability
- Policy impacts of sustainability?
- What does CEI want ACS to do *vis a vis* sustainability?

## **OFFICE OF PUBLIC AFFAIRS**

Carl Maxwell provided a brief summary of sustainability and science policy issues and activities on behalf of OPA. Please see pages 3-2 to 3-9 of the agenda materials for more details.

## **NEW BUSINESS**

Elzerman moved (Lomneth seconded) and the Committee voted by voice to *authorize Keith Peterman to spend up to \$3,000 in support of the CoP student climate programming at the ACS 2014 Fall National Meeting in San Francisco, CA.*

## **OPEN DISCUSSION AND GUEST COMMENTS**

Pence recognized the guests in attendance and invited topics for discussion.

## **ADJOURNMENT**

This completes the Minutes of the Joint Board-Council Committee on Environmental Improvement for March 15, 2014 in Dallas, TX.

Respectfully submitted,

Anthony (Tony) Noce  
Secretary