



ACS-CEI Award for Incorporation of Sustainability into Chemistry Education

As part of the American Chemical Society's goal to "Advance the broader chemistry enterprise and its practitioners for the benefit of Earth and its people", the Society's Committee on Environmental Improvement seeks to recognize those individuals or groups who have made exemplary contributions to the incorporation of sustainability (see note below) into chemical education.

A goal of the recognition program is to encourage dissemination of the important work of creatively incorporating sustainability into chemical education. Therefore, awardees will be expected to present invited talks on their work as part of a symposium on Chemistry Education and Sustainability at the 2015 Spring National Meeting to be held in Denver. It is anticipated that four to six different projects will be recognized, with each awardee receiving \$750 towards travel costs of attending the Denver meeting.

Both third party and self-nominations are encouraged. Nominations should clearly demonstrate how the nominee or nominees have contributed to the effective incorporation of sustainability into chemical education. The target audience for the work can be one or more of the following: K-12 students, undergraduate students, graduate students, or the general public. Nominations will be evaluated on the broad criteria of innovation, intellectual merit, and potential for broader impact. Additional important considerations include the extent to which sustainability is an important component of the education work, the extent to which the work supports learning of chemistry, and the overall quality of the design of the nominated work.

All nominations must be submitted via email by **Friday, August 29, 2014**, to Ray Garant at r_garant@acs.org. Completed nominations must include the following information:

- Full contact information (mailing address, phone number, email address).
- A title and abstract of **no more than 150 words**.
- A statement of no more than 500 words regarding the learning objective(s) for the work nominated, the target audience, and how sustainability has been incorporated.
- No more than 10 pages of supporting material (lab handout, class activity handout, descriptive materials, etc.).

Individuals submitting nominations are also strongly encouraged to review the additional information that can be found online at <http://www.acs.org/content/acs/en/about/governance/committees/cei.html>.

Submission of materials for consideration will be viewed as a commitment by the individual or group to give a presentation at the national ACS meeting in Denver, if the work submitted is selected for recognition, and to allow the presentation to be posted on the ACS website.

Questions regarding the recognition program can be directed to Dr. Keith Peterman, coordinator of the program, at peterman@ycp.edu or 717-825-1716.

Note – The National Research Council, in the report *Sustainability and the Chemical Industry: Grand Challenges and Research Needs*, defined sustainability as "a path forward that allows humanity to meet current environmental and human health, economic, and societal needs without compromising the progress and success of future generations. Sustainable practices refer to products, processes, and systems that support this path." Documents such as the *Twelve Principles of Green Chemistry* or the *Green Engineering Principles* build on a similar definition.



Additional Information Regarding Nominations for ACS-CEI Award for Incorporation of Sustainability into Chemistry Education

Nominations must CLEARLY state the name of the individual or organization that will be recognized. This information will be used in preparing certificates and will not be modified after the nomination deadline has passed.

Each nomination will be considered separately. If recognition is being sought for two or more individuals for work on a joint project, a single nomination should be submitted with the names of all individuals included. Submitting the same individuals as separate nominations (one for each person) could easily result in some, but not all, of the individuals being selected for recognition.

The 500-word statement is intended to give the committee a quick overview of the nominated work and how it incorporates sustainability. It should be focused and written to make a compelling argument for the committee to take the extra time required to review any supporting material that is also in the nomination.

Please do NOT send more than 10 pages of supporting material as part of a nomination packet. If more than 10 pages are submitted, the committee will not review the supporting material in its deliberations.

Nominations are evaluated according to the following criteria:

1. Significance of sustainability within the work.
Activities are designed so that sustainability (which is broader than just green chemistry) is an integral part of the work nominated.
2. Potential for broader impact.
Activities can be adapted and used successfully by others; work reaches out to diverse audiences.
3. How this work supports learning chemistry.
4. Overall quality of design.

Those selected for recognition will be informed by the middle of October so that they can submit their abstract through PACS, the online abstract submission system.