

February 2016
Monthly Update for the Green Chemistry in Education Network
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Dear Green Chemistry Community,

You can invite others to join this list by forwarding this email with the following instructions: To subscribe, please send an email request to jhaack@uoregon.edu with the subject heading "subscribe green chemistry." As always, please let me know if you would like to be removed from the list.

Quick Summary

Here are some fast approaching deadlines for some fantastic programs.

- February 12, 2016 – 14th Annual Green Chemistry in Education Workshop
- February 15, 2016 – Call for Abstracts – 20th Green Chemistry and Engineering Conference
- March 15, 2016 – GCEC Student Workshop – Design Challenge - Color
- April 8, 2016 – GCEC 2016 Business Plan Competition

Application Deadline - February 12, 2016 – 14th Annual Green Chemistry in Education Workshop

As of this time, there is not plan to offer a Green Chemistry in Education Workshop in 2017. Don't miss this opportunity to participate. The application window will close February 12.

14th Annual Green Chemistry in Education Workshop
July 16-21, 2016 – University of Oregon, Eugene, OR

The Green Chemistry in Education Workshop is a five-day workshop for educators in the chemical sciences interested in incorporating green or sustainable chemistry concepts into the organic chemistry curriculum and laboratory. The primary goals for this workshop are to increase the number of educators who incorporate green chemistry experiments and concepts into their teaching and establish a network of chemical educators who promote green chemistry. Since 2001, over 250 educators have attended the workshop and infused green chemistry into their courses and curricula. The workshop is designed to making adopting a greener curriculum as easy as possible.

The workshop is a combination of lectures, discussion, and hands-on time in the laboratory. Leaders in the field will address the need for green chemistry in the undergraduate curriculum and provide strategies for designing, adapting and incorporating new green experiments into existing organic chemistry curricula. During the laboratory sessions, participants will have an opportunity to perform and evaluate greener organic laboratory experiments developed at the University of Oregon and elsewhere. Past participants from the workshop will be present to share their experiences infusing green chemistry into their courses and on developing new green chemistry materials. Participants are encouraged to share and refine their own plans for integrating green chemistry at their institution. Preference is given to applicants who focus on organic chemistry laboratory and who have the potential to significantly impact students, colleagues and the community. To apply go to: <http://www.cwacs.org/content/green-chemistry>

Abstract Deadline – February 15, 2016 – Call for Abstracts – 20th Green Chemistry and Engineering Conference

20th Annual Green Chemistry & Engineering Conference June 14 – 16, 2016 Portland, Oregon
<http://www.gcande.org/program/>

Application Deadline – March 15, 2016 - GCEC Student Workshop – Design Challenge - Color

20th Annual Green Chemistry & Engineering Conference June 14 – 16, 2016 Portland, Oregon
<http://www.gcande.org/students/student-workshop/>

Eric Beckman (University of Pittsburgh), Julie Haack (University of Oregon) and Adelina Voutchkova-Kostal (George Washington University) are working together to create the first ever Green Chemistry Design Challenge at the 20th Annual Green Chemistry & Engineering Conference June 14 – 16, 2016 Portland, Oregon.

The Challenge: Color dramatically influences human behavior from how we communicate to how we make decisions and is a ubiquitous component of consumer products.

In light of the economic, social and environmental impacts of color on society, students attending this year's workshop will use the principles of green chemistry to design a comprehensive strategy for overcoming the challenges associated with dyes and pigments. The strategy should be economically viable, socially acceptable and have a net positive environmental impact compared to existing products/processes.

Attendees will learn about the history, chemistry, impacts, and business of color and will learn how to use a variety of tools to address the unintended biological activity of dyes and colorants. Student teams will have the opportunity to share their strategies as we explore the many facets of the problem.

****Space is limited to approximately 40 participants****

This design challenge will take place during the 20th Annual Green Chemistry & Engineering Conference on June 13th (before the meeting begins) at the Hilton Portland & Executive Towers in Portland, Oregon. The challenge will be guided by experts in the field, and will allow participants to engage with potential employers and experience how chemists, engineers, toxicologists and business experts can work together to think outside the box. The challenge is open to undergraduate, graduate students and post-doctoral fellows.

IMPORTANT DATES AND DEADLINES

January 15, 2016: Application submission opens

March 15, 2016: Application deadline (by 11:59 p.m. ET)

April 1, 2016: Selected participants will be notified via email

April 29, 2016: Registration deadline

(Registration for the conference after this date will result in forfeit of your seat.)

<http://www.gcande.org/students/student-workshop/>

Application Deadline April 8, 2016 – GCEC 2016 Business Plan Competition

20th Annual Green Chemistry & Engineering Conference June 14 – 16, 2016 Portland, Oregon

<http://www.gcande.org/program/business-plan-competition/>

The ACS Green Chemistry Institute® is hosting the 2016 Business Plan Competition during the 20th Annual Green Chemistry & Engineering Conference, held in Portland, OR, June 14-16. Early stage companies dedicated to green chemistry and engineering solutions are encouraged to apply. This unique opportunity is the only business competition exclusively for green and sustainable chemistry and engineering.

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