Berkeley Center for Green Chemistry Newsletter

Berkeley team wins ACS award for Incorporating Sustainability into the Undergraduate Curriculum

The ACS-CEI Award for Incorporation of Sustainability into Chemical Education recognizes individuals or groups who have made exemplary contributions to the incorporation of sustainability into chemical education. Our very own Anne Beranger will be accepting the 2015 award for incorporating sustainability into the chemistry curriculum at Berkeley, during the upcoming ACS meeting in Denver. Anne along with her colleagues MaryAnn Robak, Michelle Douskey, Angie Stacy, and John Arnold have been developing new introductory chemistry curriculum for lab and lecture for the past 3 years, and this award recognizing the success of this project. If you would like to learn more about the project, Anne will be presenting a talk titled, “Incorporating Green chemistry and sustainability into the undergraduate curriculum at UC Berkeley” at 10 am on Tuesday March 24th in the Spruce room of the Sheraton Denver.

Marty, Dr. Raynie, Dr. Warner hold toxicology teaching webinar

Marty held a webinar panel on teaching toxicology with Dr. Raynie of South Dakota State University and Dr. John Warner of the Warner Babcock Institute for Green Chemistry on February 17. They explored three different approaches and share resources from each of the institutions they work for. To watch their webinar, go to the Green Chemistry Commitment website and scroll down to past webinars.

Endocrine disruptors cost at least $175 billion annually in the E.U.

An international panel of scientists has found that endocrine disrupting chemicals likely cost the European Union over 100 billion dollars annually — and American officials say this expense could be even higher in the U.S. Read more at the GreenChemBlog: https://greenchemblog.wordpress.com/

Green Chemistry Connection online community launched

The Northeast Waste Management Officials’ Association (NEWMOA) launches the Green Chemistry Connection, an online community of green chemistry practitioners and an information clearinghouse now available at. The website brings together federal, state, and local programs, academic institutions, non-governmental organizations, and private companies that are working on green chemistry initiatives. Features include discussion forums, blogs, news, job notices, and more.

The Tenth Annual GC3 Innovators Roundtable
The tenth annual GC3 Innovators Roundtable will be held at Nike World Headquarters in Beaverton, OR April 28 - 30. The conference features over 160 leaders from a range of industry sectors, government, non-government organizations and universities, who will convene to share challenges and best practices and work on collaborative projects to advance green chemistry practices in industry, including our very own Marty Mulvihill.

**Perspectives on careers in industry webinar registration open**

The “In Pursuit of Green Chemistry: Perspectives on Careers in Industry” webinar will be held March 11 from 12:00 PM - 1:00 PM. In this webinar from the GC3’s Education Group and NESSE, three professionals working in different sectors of industry will discuss how they got to where they are, how they use green chemistry, and what they would recommend to early-career scientists looking to pursue careers in the field. Cory Robertson, Environmental Chemist at HP; Drummond Lawson, Environmental Chemist at Arcteryx; and Kristi Budzinski, Green Chemistry/BioPharma Program Manager at Genentech will be speaking. [Register here.](#)

**Register now for webinar on student-led green chemistry initiatives**

At many universities, there is no formal way to gain a green chemistry education, but students with a passion for sustainability forge their own way forward. This webinar from the Green Chemistry Commitment’s Education Series and NESSE examines three groups founded by students who saw a gap in the resources available to them and set out to fill it. Speakers from NESSE, University of Toronto’s GCI, and University of York’s GreenSTEMS will discuss their respective initiatives and how they help students pursue green chemistry. The webinar will be held March 31 from 9:00am - 10:00am and you can [register here.](#)

**Pacifichem Includes New Session “Advancing Sustainability: Catalyzing Interdisciplinary Scholarship for Green Chemistry.”**

Pacifichem (the International Chemical Congress of Pacific Basin Societies) is a renowned international chemistry conference staged once every five years. Pacifichem 2015 will take place in Honolulu on December 15-20, 2015. Consider submitting a paper to Symposium #383 on “Advancing Sustainability: Catalyzing Interdisciplinary Scholarship for Green Chemistry.” [More details about the overall conference can be found here](#) while [details about the symposium can be found here](#). The call for abstracts closes April 3. Abstracts are limited to 2,000 characters. [More details about submitting an abstract can be found here](#). If you have any questions, please direct them to steve.maguire@mcgill.ca.

**Apply for the Benjamin Boussert Memorial Award**

In 2005, Benjamin Pierre Boussert, a sixth-year graduate student in the laboratory of Professor Paul Alivisatos, perished in a car accident. [The Boussert](#)
**Memorial Award** will be presented to a graduating doctoral student who best exemplifies Ben's commitment to creating positive social or environmental change, realized either through the nominee's dissertation research or through other channels such as science policy or educational outreach projects. This $2,000 award will be made directly to the student, for use as they embark upon the next phase of life. Nominees should be Ph.D. students in the College of Chemistry whose degree will be awarded in the 2014-15 academic year. Applications are submitted online [here](#) and are due April 1, 2015.

**The Philomathia Graduate Fellowship in Environmental Sciences**

The Philomathia Graduate Student Fellowship in the Environmental Sciences (formerly the Chang-Lin Tien Graduate Fellowship in the Environmental Sciences) provides fellowships for graduate students studying issues related to the environment at UC Berkeley. Students are nominated to receive the award on the basis of their high level of academic distinction and exceptional promise. A call for nominations for Philomathia Graduate Student Fellowship in the Environmental Sciences is made each spring. Nominations must be made by a UC Berkeley faculty member. Students may not self-nominate. For additional information, please contact Janeen Lim at jmlim@berkeley.edu.

**Job Listing**

**NanoArchitech seeks director of Green Chemistry R&D**

Startup NanoArchitech is working with a phosphate bonded nanomaterial for the building industry. Help is needed researching and setting up experiments and testing for building code requirements to introduce the material as a one-coat stucco, roofing material, solid and a 3d printable material for building. Position seeks a person who is working and researching in this area to direct recent UCB grads who are on the team, who want to intern under a chemist on a part time or full time basis depending on costs. To apply, contact Jan Thoren at (707) 741-7919 or email your qualifications to enoneves@gmail.com.