

May 2014

Berkeley Center for Green Chemistry Newsletter

Chemistry Professor Robert Bergman has been named the 2014 recipient of the Welch Award in Chemical Research

Robert G. Bergman has made vital contributions to our understanding of organometallic chemistry and particularly carbon-hydrogen bond activation and its application to drug development and cleaner energy. The Houston-based Welch Foundation, one of the nation's oldest and largest sources of private funding for basic research in chemistry, named the University of California at Berkeley professor as the 2014 recipient of the Welch Award in Chemical Research for his groundbreaking research. "Bob Bergman is a trail-blazing researcher whose interdisciplinary and collaborative approach to science has led to significant contributions to chemistry throughout his career," said Marye Anne Fox, chair of the Foundation's Scientific Advisory Board. [Read more here.](#)

Apply to Participate in the 2014 Green Solutions Class with BCGC and Biomimicry

BCGC will be offering our Greener Solutions Class again this fall. The Greener Solutions program is project based class that partners students with companies, non-profits, and/or government agencies interested in promoting the adoption of more sustainable chemistry. Every year we recruit teams of graduate students and advanced undergraduates to work closely with one of our partner organizations on an interdisciplinary projects that leverages students' knowledge in a real-world context. You can learn more about our previous projects on the [bcgc website](#).

If you are interested in participating in next year's class, please let us know [by submitting an application by May 30th](#). Please spread the word and doesn't hesitate to contact Meg Schwarzman [mschwarzman@berkeley.edu] or Marty Mulvihill [Marty_m@berkeley.edu] if you have any questions.

New educational materials are available from the Breast Cancer and Chemicals Policy Project

Designed for use by advocates, the introductory booklet and fact sheet summarize the findings of the expert panel convened to develop an approach for toxicological testing that would detect chemical contributors to breast cancer risk. The project, led by Meg Schwarzman, produced a complete report, in addition to the new educational materials, and several forthcoming publications. All materials, including Spanish, Chinese, and Vietnamese language translations, are available at <http://coeh.berkeley.edu/greenchemistry/cbcrp.htm>

Marty and Meg Speaking at Symposium on Emerging Issues in Green Chemistry

The Genetic and Environmental Toxicology Association (GETA) of Northern California is hosting a symposium on Emerging Issues in Green Chemistry. The symposium will be held in the Elihu M. Harris Building in Oakland, California from 12:30pm to 5pm on May 14, 2014. Click [here](#) to see the flyer.

EPA is Accepting Applications for GRO Fellowships. Deadline: May 27

EPA is accepting applications for undergraduate Greater Research Opportunities Fellowships through May 27, 2014. Fellowships are open to second year students. Fellows will receive support for their junior and senior years of undergraduate study and for a paid summer internship at an EPA facility between their junior and senior years. Fellowships may be up to a total of \$50,000 over a two-year period. GRO Fellows may choose among a variety of EPA facilities around the country for their summer internship, including research laboratories, field research and monitoring, and working with programs, such as the Green Chemistry Program, at EPA Headquarters in Washington, DC. [More information, including eligibility, is available at the 2014 GRO Fellowship website.](#)

Green Chemistry & Engineering Conference Registration Extended

GC&E invites scientists, decision-makers, students, and advocates to come together, compare findings, and discuss the science of the future. Over three days of programming featuring more than 25 technical sessions, you can explore green chemistry and engineering advancements, while attending poster sessions, the green exhibit hall, networking events, and keynote lectures. Other special events include the GC&E Student Workshop (held on June 16th), a Careers Workshop, and a 2014 GC&E Business Plan Competition. Learn more about the conference and register [here](#) by May 16.

Green Chemistry Workshop at University of Cape Town

The University of Cape Town is hosting a workshop on August 25-26, 2014 sponsored by the Green Chemistry Network (GCN). The GCN will sponsor a graduate student in green chemistry to help in the preparation of the workshop, attend the workshop, and populate and maintain Global Green ChemistryNetwork pages on the GCN website, among other duties. For a full description of the position, click [here](#).

Openings at QB3 Startups

The California Institute for Quantitative Biosciences (QB3) has announced job openings of several of their affiliated startups. For information on positions as Chief Bioinformatician (Zoetic Data, Inc.), Library Construction Scientist (TargetPlex Genomics, LLC), and Formulation Scientist (Nano Precision Medical), see the postings [here](#). For other postings, visit the QB3 website [here](#).

Michigan Green Chemistry Clearinghouse Webinars in May

The Michigan Green Chemistry Clearinghouse will host two webinars this May. On May 14, [Dr. Julie Haack](#) will speak on "Green Chemistry Education: Not Just for Chemists Anymore." On May 21, [Dr. Terry Collins](#) will speak on "Building the Chemical Dimension of a Sustainable Civilization." For more information on how to register, click [here](#).

Reach the Decision Makers 2014 Training Program

Reach the Decision Makers is a program of the UCSF Program for Reproductive Health and the Environment. The program is seeking scientists, community members, public health professionals, or clinicians with experience in environmental or reproductive health. Participants in this one-year training program will learn to education the US EPA on reproductive environmental health issues and develop the skills and tools necessary to engage policy makers, as well as establish relationships and partnerships with US EPA staff. For more details, see this [flyer](#) or the program [application](#).

Upcoming Conferences and Seminars:

- [Genetic and Environmental Toxicology Association Symposium](#) – May 14, 2014 at the Elihu M. Harris Building in Oakland, California
- [Green Chemistry Education: Catalyzing Sustainable Innovation \(webinar\)](#) – May 15, 2014
- [14th Annual Workshop on Brominated and Other Flame Retardants](#): Jun. 22-24, 2014 in Indianapolis, IN
- [BizNGO 9th Annual Meeting](#) – Dec. 10-11, 2014 in San Francisco