

December 2012
Monthly Update for the Green Chemistry in Education Network
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Dear Members of the Green Chemistry Community,

Thank you for your submissions. Please remember to send me your position announcements so that we can post them on the Green Chemistry Education Network website (<http://cmetim.ning.com/>).

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

TIME SENSITIVE

- Summer Session Instructors (University of Oregon, Eugene, OR) - **Deadline December 31, 2012**
- **NEW** - Post-Doctoral Research Officer, Centre for Sustainable Chemical Technologies, University of Bath (30 month fixed-term post from February 2013) - **Deadline Thursday, January 3, 2013**
- 2013 ACS GCI Pharmaceutical Roundtable Research Grant for Greener Solvent Research - **Proposals due Jan. 15, 2013**

NEWS

- The Minnesota Green Chemistry Forum presents their third annual green chemistry conference, Minnesota Green Chemistry 2013: Beakers to Business Plans January 25, 2013
- Announcing the 6th International Conference on Green and Sustainable Chemistry at Nottingham (United Kingdom) 3rd-7th August 2013

OPEN POSITIONS

- Director, ACS Green Chemistry Institute (Washington, D.C.)
- Program Manager ACS Green Chemistry Institute (Washington, D.C.)

CONFERENCES - See full listing below

ADDITIONAL GREEN CHEMISTRY NEWS and INFORMATION

- The Green Chemistry & Commerce Council Newsletters
- News from ACS GCI: Nexus Newsletter
- Advancing Green Chemistry
- Berkeley Center for Green Chemistry Newsletter
- Green Centre Canada

TIME SENSITIVE

Summer Teaching Opportunities at University of Oregon-Deadline December 31, 2012

The University of Oregon is currently searching for instructors for summer session 2013 (see specific openings below). The 12-week summer session runs from June 24 to September 13, 2012. Compensation is dependent on previous teaching experience and ranges from \$4000 - \$6500 per course. In addition to our standard course offerings we invite proposals for new/special topics courses.

Introduction to Chemical Principles (CH 111)
General Chemistry Lecture (CH 221, 222, 223)
General Chemistry Laboratory (CH 227, 228, 229)
Organic Chemistry Lecture (CH 331, 335 336)

Applicants can apply online at Academic Jobs Online

(<https://academicjobsonline.org/ajo/jobs/1409>). Position ID: UO-Chemistry-INSTPOOL [#1409].

Please contact Julie Haack at jhaack@uoregon.edu or by phone (541) 346-4604 if you have additional questions. The University of Oregon is an equal opportunity, affirmative action institution committed to cultural diversity and compliance with the American with Disabilities Act.

Post-Doctoral Research Officer, Centre for Sustainable Chemical Technologies, University of Bath (30 month fixed-term post from February 2013)

We seek a creative scientist with an interest in inter-disciplinary research directed towards developing more sustainable chemical technologies. Starting in early Feb 2013, this Post-Doctoral Fellow will focus on the "new materials" part of the EPSRC funded CLEVER (Closed Loop Emotionally Valuable E-waste Recovery) project, which combines social science and design approaches with materials development and materials engineering in an innovative approach to reducing electronic waste. Working closely with the multidisciplinary project team (from five UK institutions) and industrial partners, you will focus on delivery of bio-polymer based composite materials for internal "skeleton" elements such as circuit boards and flexible circuits.

We invite applications from appropriately qualified candidates, who adopt a creative approach to, and have a strong interest in, inter-disciplinary research.

The closing date for applications is Thursday, 03 January 2013 and the full advertisement and application pack are available at

URL: <http://www.bath.ac.uk/jobs/Vacancy.aspx?ref=VH1369>

Please apply online, but, for further information, or informal discussion about the position, please contact Dr J. L. Scott at j.l.scott@bath.ac.uk.

2013 ACS GCI Pharmaceutical Roundtable Research Grant for Greener Solvent Research - Proposals due Jan. 15, 2013

The ACS GCI Pharmaceutical Roundtable is seeking a 1-year R&D commitment to assist the Roundtable's greener solvents initiative. The R&D will be focused toward developing greener solvent(s) as potential replacements for polar aprotic solvents such as DMF, NMP and DMAc. Proposals are invited from public and private institutions of higher education worldwide. One grant is planned to be awarded to a research group and the total award is limited to \$100,000

for a grant period of 12 months. Deadline for receipt of proposals is January 15, 2013 at 5 pm EDT. The RFP can be found at <http://www.acs.org/gcipharmaroundtable>. Email gcipr@acs.org with any questions.

NEWS

The Minnesota Green Chemistry Forum presents their third annual green chemistry conference, Minnesota Green Chemistry 2013: Beakers to Business Plans January 25, 2013

Modified from their website: This day-long conference will feature keynotes, panels and break-out sessions highlighting what it takes to bring green chemistry into the marketplace. Morning sessions will focus on research, technology, work force and labor issues and academic partnerships. The focus of the afternoon will be business success stories and the “nuts and bolts” of implementing green chemistry for both start-ups and established companies. Dr. Paul Anastas of Yale University and Jim Hobbs of BioAmber will be keynote speakers. Other speakers serving on panels and conducting break out sessions represent Ecolab, Cortec, Beyond Benign, Blue Green Alliance, Clean Production Action, PACE Labs, U of MN, St Olaf, SD State, Merchant and Gould, and more.

There will also be ***GreenScreen Training on Thursday, January 24*** (space is limited). This is in-depth experiential training on how to use the GreenScreen™ for Safer Chemicals, a tool developed by Clean Production Action for identifying chemicals of concern and selecting safer alternatives. For more information, please contact greenscreen@cleanproduction.org.

For more information and to register for either or both:

<http://www.greenchemistrymn.org/events/minnesota-green-chemistry-2013-beakers-business-plans>

Announcing the 6th International Conference on Green and Sustainable Chemistry at Nottingham (United Kingdom) 3rd-7th August 2013

This conference comes at an important time because of the increased emphasis on sustainability following the recent global summit in Rio de Janeiro. The conference has a number of features that will make it the leading conference in the field for 2013. Firstly it coincides with a major drive at Nottingham to emphasize the importance of sustainability both at the University and within the School of Chemistry where we are building the first Carbon Neutral Laboratory in Europe, and possibility in the world. Secondly, the conference program includes a wide selection of speakers chosen specifically to be as inclusive as possible, bringing together academia, industrial engineers, scientists and all branches of chemistry.

Conference organizers: Peter Licence and Mike George and Martyn Poliakoff

Conference website: <http://www.nottingham.ac.uk/GSC-6>

Key Dates

Registration Open January 14, 2013

Abstract deadline March 31, 2013

Early bird Registration May 31, 2013

Conference Dates August 4-7, 2013

OPEN POSITIONS

Director, ACS Green Chemistry Institute - Tracking Code: A12-62 L11 79000

The ACS Green Chemistry Institute (ACS GCI) is a unit within Membership and Scientific Advancement (M&SA) of the American Chemical Society (ACS), the world's largest scientific society with 164,000 members worldwide. Its mission is to "catalyze and enable the implementation of green chemistry and engineering throughout the global chemical enterprise". ACS GCI activities strive to discover, develop, and deploy innovative new science and technology alternatives to existing chemical practice and demonstrate measurable improvements to human health, the environment and economic competitiveness. ACS GCI is an integral unit within M&SA whose mission is to advance chemical science and its practitioners worldwide to benefit society. M&SA develops, implements, and supports an integrated suite of programs and services that meet the needs of current and prospective members worldwide.

The Director provides vision and leadership for green chemistry activities at the ACS. The Director will lead an integrated staff team that is responsible for implementing a strategic plan developed in concert with the ACS GCI Governing Board, a volunteer group of green chemistry experts appointed by the ACS Board of Directors. The incumbent is the representative of the ACS GCI in the external community and is responsible for developing meaningful collaborations with academia, industry, and government. The incumbent reports to the Director of Membership and Scientific Advancement (M&SA) and is a member of the M&SA senior leadership team.

For a full description of the position and how to apply: https://acs-hr.silkroad.com/epostings/index.cfm?fuseaction=app.jobinfo&jobid=205561&company_id=16094&version=1&source=ONLINE&jobOwner=992584&aid=1

Program Manager ACS Green Chemistry Institute - Tracking Code A12-72 L8 79000

The mission of the ACS Green Chemistry Institute® is to catalyze and enable the implementation of green chemistry and engineering principles into all aspects of the global chemical enterprise. The Institute focuses efforts in four key areas: education, advocacy, business/industry and certification. The aim is to become the nexus for the global chemical community.

The Manager of Green Chemistry Programs reports to the Director of the ACS Green Chemistry Institute®. The manager is responsible for the day-to-day operations of the office, including managing 3-4 staff members. The Manager is also responsible for both oversight of and direct participation in green chemistry initiatives in all four areas of the Institute's work (education, business, advocacy and standards) in addition to special projects and support of development and budget activities. This requires a working knowledge and/or direct experience with of green chemistry/sustainability issues.

For a full description of the position and how to apply: https://acs-hr.silkroad.com/epostings/index.cfm?fuseaction=app.jobinfo&jobid=205608&company_id=16094&source=ONLINE&JobOwner=992584&bycountry=0&bystate=0&bylocation=&keywords=&byCat=&tosearch=yes

CONFERENCES/EVENTS

January 25, 2013 (Minneapolis, Minnesota, USA)

Minnesota Green Chemistry 2013: Beakers to Business Plans

Website: <http://www.greenchemistrymn.org/events/minnesota-green-chemistry-2013-beakers-business-plans>

March 6-8, 2013 (Portland, Oregon, USA)

Advancing Green and Sustainable Chemistry

Website: <http://www.wplgroup.com/aci/conferences/us-gc1-green-chemistry.asp>

May 8-10, 2013 (New Brunswick, New Jersey, USA)

Green Chemistry and Commerce Council 8th Annual Innovators Roundtable

Website: <http://www.greenchemistryandcommerce.org/events.upcoming.php>

June 6-7, 2013 (Brussels, Belgium)

European Sustainable Chemistry Conference

Website: <http://chemicalwatch.com/10579/european-sustainable-chemistry-conference>

June 18-20, 2013 (Washington, D.C., USA)

17th Annual Green Chemistry and Engineering Conference

Website: <http://gcande.org/>

NEW - August 3-7, 2013 (Nottingham, United Kingdom)

6th International Conference on Green and Sustainable Chemistry

Website: <http://www.nottingham.ac.uk/GSC-6>

September 3-5, 2013 (New Forest, UK)

2nd International Conference on Sustainable Chemistry

Website: <http://www.wessex.ac.uk/13-conferences/sustainable-chemistry-2013.html>

GREEN CHEMISTRY NEWS AND INFORMATION

The Green Chemistry & Commerce Council Quarterly e-Newsletter

URL: <http://www.greenchemistryandcommerce.org/newsletters.php>

From their website: "A publication of the Lowell Center for Sustainable Production at the University of Massachusetts Lowell. Each issue of the newsletter provides current information about upcoming and ongoing GC3 activities, and news about green chemistry and design for environment."

News from ACS GCI: Nexus Newsletter

URL:

http://portal.acs.org/portal/acs/corg/content?nfpb=true&pageLabel=PP_SUPERARTICLE&node_id=445&use_sec=false&sec_url_var=region1&uuid=5fb3bd22-8078-4ad0-aaa7-b20478fdec7c

From their website: "The Nexus Newsletter is a bi-monthly newsletter. Dedicated to our readers, the Nexus newsletter is designed to connect the global green chemistry community, share information and support the ACS Green Chemistry Institute."

Advancing Green Chemistry

URL: <http://advancinggreenchemistry.org/>

From their website: "Our mission is to promote the development and adoption of Green Chemistry. Green Chemistry is the scientific foundation of greener products, a sustainable economy, and healthier people. AGC's role is to strengthen and promote the science and its practitioners, to link to strategic partners, and to highlight emerging opportunities for stakeholders. In short, AGC seeks to tip the balance in favor of broad support for – and wide adoption of – Green Chemistry."

Berkeley Center for Green Chemistry Newsletter

URL: <http://bcgc.berkeley.edu/bcgc-newsletter>

Green Centre Canada

URL: <http://www.greencentrecanada.com/news/>

From their website: "At GreenCentre Canada, we take a "hands on" approach to commercializing emerging Green Chemistry innovations originating from academia and industry. Our job is to transform these breakthroughs into green products, services, and industries to enhance our quality of life and preserve our environment for existing and future generations."

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