November 2015
Monthly Update for the Green Chemistry in Education Network
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Dear 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 form the list.

Quick Summary

MEETINGS/EVENTS
- November 10, 2015 - New from the Innovation Portal: Ask the Innovators
- December 7, 2015 – Frontiers in Green Materials, London, UK (https://www.ice.org.uk/events/frontiers-in-green-materials)
- June 14-16, 2016 - 20th Annual Green Chemistry and Engineering Conference – Portland, Oregon, USA (http://www.gcande.org)

EDUCATION
- New Programs: Master of Science in Environmental and Green Chemistry at the George Washington University
- New, customizable Safer Chemistry curriculum for professionals

ADDITIONAL GREEN CHEMISTRY NEWS and INFORMATION
- 2016 Research Grant for Greener Biologics Purification Methods
- GC3 and ACS GCI launch green chemistry tool Innovation Portal

SOCIAL MEDIA
- Listing of green chemistry social media sites.

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MEETINGS/EVENTS

November 10, 2015 - New from the Innovation Portal: Ask the Innovators

On November 10th, visit the Innovation Forum for a unique opportunity to talk with innovative scientists about their green chemistry solutions. In this online text-based Q&A, we will talk about the Berkeley Center for Green Chemistry's Greener Solutions Program, a project-based class that partners students with organizations involved in sustainable chemistry. Interdisciplinary teams of high-level students work closely with the partner organizations to apply the students' knowledge, analyzing real-world opportunities for the adoption of safer chemicals and materials.

Join us on November 10th to ask the creators and participants of the Greener Solutions program anything you like--how it began, successes, lessons learned, or technical questions--then discuss their answers in a live chat with the green chemistry community.

The experts joining us for this session will be:
- Tom McKeag, Berkeley Center for Green Chemistry, Program Director
- Kaj Johnson, Senior Director of Product Development, Method
- Meg Schwarzman, Berkeley Center for Green Chemistry, Associate Director
- Billy Hart-Cooper, student at UC Berkeley

Tom and Meg will give insider perspectives on the formation and success of Greener Solutions, while Kaj will discuss how Method came to be involved and what the innovative personal care company has gained from the program. Billy will contribute a student perspective on the advantages and challenges of participating in the Greener Solutions course. Create a free account and begin asking questions now!

From 3:00-4:30 ET (12:00-1:30 PT) on November 10th, the innovators will answer your questions live on the Green Chemistry Innovation Forum. Join the green chemistry conversation!

How to Participate:

Step 1: Sign in to the Green Chemistry Innovation Forum
https://communities.acs.org/community/science/sustainability/green-chemistry-innovation/

Step 2: Click on the "Ask the Innovators: Spotlight on Berkeley's Greener Solutions Program" discussion

Step 3: Find the reply button at bottom of the discussion and ask your questions

Step 4: Return to the discussion on November 10th, 3:00-4:30 p.m. ET, when the innovators will answer your questions live on the forum.

Ask your questions here: https://communities.acs.org/thread/8798
Green Chemistry Innovation Portal http://www.greenchemistryportal.org

December 7, 2015 – Frontiers in Green Materials, London, UK

This one day Symposium will provide a forum to discuss and inspire inter-disciplinary, innovative research based on reducing the use of hazardous substances in the design, manufacture and application of chemical and material products. Chemists, engineers and materials scientists from both research and industry are invited to register.

Plenary speakers
* Marc Hillmyer, University of Minnesota, USA
* Sophie Guillaume, Institut des Sciences Chimiques de Rennes, France
* Steve Eichhorn, University of Exeter, UK
* David Mecerreyes, Ikerbasque, Spain

For more details, please visit https://www.ice.org.uk/events/frontiers-in-green-materials.

June 14-16, 2016 - 20th Annual Green Chemistry and Engineering Conference – Portland, Oregon, USA

To celebrate 20 years bringing together the top minds in sustainable and green chemistry and engineering, the ACS Green Chemistry Institute® will be holding the 20th annual Green Chemistry & Engineering Conference (GC&E) in the eco-city of Portland, Oregon on June 14-16, 2016. As the longest running green chemistry conference in the United States, GC&E invites scientists, decision-makers, students, and advocates to come together, compare findings, and discuss the science of the future. Share your research with an engaged audience of your peers from around the world; learn from scientific trailblazers who are designing more sustainable chemistries and processes; find out how green innovations are inspiring new businesses and product lines.

With three days of programming, the GC&E conference will feature 30 technical sessions, a poster session, green exhibit hall, and keynotes lectures. Special features will include the GC&E Student Workshop and the 6th Annual ACS GCI Roundtable Poster Reception.

For more details, please visit http://www.gcande.org.

EDUCATION

New Programs: Master of Science in Environmental and Green Chemistry at the George Washington University

GO.GWU.EDU/ENVGREENCHEM

Growing public awareness about the state of our environment, chemical product safety and new chemical regulatory policies is driving demand for leaders who can understand the science underlying environmental challenges and then develop innovative solutions.

The Master of Science in Environmental and Green Chemistry trains the next generation of experts with an interdisciplinary curriculum that fosters proficiency in evaluating the state of the environment and designing greener technologies. This unique 30-credit hour program emphasizes both environmental chemistry and green chemistry, the design of new chemicals and chemical processes with minimal environmental impact.

Located in the heart of Washington, D.C., this program takes advantage of its proximity to governmental agencies and departments, as well as other D.C.-area institutes, private practices and NGOs.

New, customizable Safer Chemistry curriculum for professionals

The Green Chemistry & Commerce Council Education Group is proud to announce the launch of the Safer Chemistry Training for Businesses (http://www.greenchemistryandcommerce.org/safer-chemistry-training/introduction). This free online curriculum is comprised of educational webinars, ranging from introductory to advanced, and supplemental reading materials. While the material has been developed with a business audience in mind, we hope that other groups, such as technical assistance providers and students, will also benefit from this foundation in green chemistry.

The Safer Chemistry Training was developed in response to our member companies' needs for education of their employees and supply chains in various aspects of green chemistry. It is a direct outcome of the GC3 Policy Statement on Green Chemistry Education (http://www.greenchemistryandcommerce.org/assets/media/images/Projects/GC3%20HigherEd Policy.pdf), which calls on businesses and academic institutions to support and implement green chemistry training in order to fulfill societal and industrial needs.

The Safer Chemistry Training for Businesses is designed to be tailored to the specific needs of the learner's job description and experience; the number of webinars watched and duration of training can be altered as needed. For example, a purchaser trying to understand new corporate sustainability initiatives might only watch a few, whereas a chemist new to green chemistry might want to watch 5 or 6.

View the complete list of educational webinars here (http://www.greenchemistryandcommerce.org/safer-chemistry-training/webinars). Additional training webinars are planned and will be added to the Safer Chemistry Training in the coming months. Sign up for the GC3 newsletter to be notified of new additions.
If you have questions or feedback, feel free to contact Saskia van Bergen at saskia.vanbergen@ecy.wa.gov.

Retweet on Twitter:
https://twitter.com/The_GC3/status/658629218671026177

Share on Facebook:
https://www.facebook.com/GreenChemistryAndCommerceCouncil/photos/p.804124126351941/804124126351941/?type=3

ADDITIONAL GREEN CHEMISTRY NEWS and INFORMATION

2016 Research Grant for Greener Biologics Purification Methods

The ACS GCI Pharmaceutical Roundtable (http://www.acs.org/content/acs/en/greenchemistry/industry-business/pharmaceutical.html) is seeking a one year R&D commitment to assist the Roundtable's biopharma initiative. The focus of the R&D will be toward optimizing the water use in downstream processing steps for monoclonal antibody (mAb) production. Proposals are invited from public and private institutions of higher education worldwide. This collaborative project is intended for a student within the selected Principal Investigator's research group. One grant is planned to be awarded and the total award is limited to $50,000 for a grant period of 12 months. Interested PI's are required to provide a written proposal describing the investigator's capability to carry out the Roundtable's proposed research.

Deadline for receipt of proposals is January 31, 2016 at 5 pm EDT. All submissions must be emailed togcipr@acs.org. The Principal Investigator with the selected proposal will be notified by March 1, 2016. It is expected that research will commence in the principal investigator's lab by May 2016 and last approximately 12 months.

Grant
RFP http://www.acs.org/content/dam/acsorg/greenchemistry/industriainnovation/roundtable/201

5-acs-gci-pr-research-grant-for-greener-biologics.pdf

GC3 and ACS GCI launch green chemistry tool Innovation Portal

From ChemicalWatch November 2015 - The Green Chemistry and Commerce Council (GC3) and the American Chemical Society Green Chemical Institute (ACS GCI) have launched an online portal to "connect and expand the green chemistry community".

The Green Chemistry Innovation Portal features an "innovation forum" which GC3's Anna Ivanova says is intended to offer "a flexible online space for discussions on green chemistry". To read more:

https://chemicalwatch.com/43327/gc3-and-acs-launch-green-chemistry-tool

SOCIAL MEDIA

ACS Green Chemistry Institute®
Blog: http://bit.ly/ACSGCIblog
Facebook page: https://www.facebook.com/ACSGreenChemistryInstitute
Twitter channel: https://twitter.com/ACSGCI
LinkedIn Group: http://bit.ly/ACSGCIgroup
YouTube Channel: http://www.youtube.com/user/ACSGCInstitute/videos

GC3 and ACS GCI
Green Chemistry Innovation Portal: http://www.greenchemistryportal.org

The Green Chemistry Network
LinkedIn: Green Chemistry Network (GCN) York

GreenCentre Canada
Facebook: GreenCentreCanada
Twitter: Green_Centre
LinkedIn: GreenCentreCanada
You Tube: GreenCentreCanada
Pinterest: GreenCentre
Flickr: GreenCentre Canada
Website: http://www.greencentrecanada.com/ (where you can also link to all of the above mentioned social media platforms)
News: http://www.greencentrecanada.com/news/

Interactive Green Chemistry Google Map
http://greenchem.uoregon.edu/Pages/MapDisplay.php

ADDITIONAL GREEN CHEMISTRY NEWS and INFORMATION

The Green Chemistry & Commerce Council Quarterly e-Newsletter
URL: http://www.greenchemistryandcommerce.org/publications/newsletters/

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." Sign up to receive the GC3 Newsletter: http://greenchemistryandcommerce.org/publications/newsletters/sign-up-to-receive-the-gc3-newsletter

News from ACS GCI: Nexus Newsletter
URL: http://www.acs.org/content/acs/en/greenchemistry/news.html
The Nexus e-newsletter is published monthly by ACS GCI and is dedicated to connecting and expanding the global green chemistry and engineering community.

Advancing Green Chemistry
URL: http://advancinggreenchemistry.org/newshighlights/
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: https://www.greencentrecanada.com/news-articles/
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."

Network of Early-Career Sustainable Scientists & Engineers (NESSE)
URL: http://www.sustainablescientists.org
From their website: "We are a new generation of scientists and engineers using collaborative and green approaches to science and technology to achieve a prosperous and sustainable future for all."
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