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CREATE in
Green Chemistry



Innovating Towards Sustainability in Chemistry: It's a Business Imperative



A lecture by David Constable
Director of the American Chemical Society's
Green Chemistry Institute (ACS-GCI)

Friday, September 13th, 2013

1:00-2:00 PM

Bronfman Building, Room 423
1001 Sherbrooke St. West, Montreal

Sustainable and green chemistry is a rapidly growing initiative in industry as companies grapple with increased regulatory requirements, supply constraints, and consumer pressure for greener products. This talk will discuss a few sustainability risks in the chemical enterprise and provide a few examples of companies who are innovating towards more sustainable businesses.

David Constable has been the Director of ACS-Green Chemistry Institute in Washington, D.C., since January of this year. From the end of September 2011 until January 2013 he worked as the owner and principal at Sustainability Foresights, LLC. The consultancy was directed toward assisting companies with Sustainability, Sustainable and Green Chemistry, Energy, Environment, Health and Safety programs. Prior to this, David was with Lockheed Martin as the Corporate Vice President of Energy, Environment, Safety & Health (ESH). Prior to joining Lockheed Martin, David was the Director of Operational Sustainability in the Corporate Environment, Health, and Safety Department at GlaxoSmithKline. In that global role, he championed Environment, Health and Safety support for New Product Development and Supply. He also led GlaxoSmithKline's development of programs, systems, tools, and methodologies that integrated sustainability, life cycle inventory assessment, green chemistry, and green technology activities into existing business processes. Prior to joining SmithKline Beecham, David served as Group Leader of the SHEA Analytical Services group at ICI Americas. David has a PhD in Chemistry and B.S in Environmental Sciences, Air and Water Pollution.

This event is free of charge and open to the McGill community and the general public. Please RSVP to Ariane.Guay-Jadah@mcgill.ca.

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Sustainable Innovation: The Most Frustrating and Rewarding Experience You Will Hopefully Ever Have



A lecture by Lynn Leger
Director, ALCERECO

Friday, September 13th, 2013
2:00-3:00 PM

Bronfman Building, Room 423
1001 Sherbrooke St. West, Montreal

There is little disagreement that sustainable innovation is the right approach for companies, for researchers, and for society. The real challenge lies in how to make sustainable innovation happen at a faster pace. For sustainable innovation to be successful, entrepreneurs and intrapreneurs need an interdisciplinary range of skills and capabilities ranging from technical & scientific knowledge to life cycle analysis to financial savvy. It will always require persistence, creativity, and openness to learning new things. And it is completely worth it. Successful sustainable innovations impact lives. There are ways to understand the value of opportunities and to increase the likelihood of success. This lecture focuses on perceptions about sustainable innovation, success stories, and some tools and approaches to increase your chances of success in sustainable innovation.

After completing a degree in Chemistry and an MBA, Lynn joined DuPont's Automotive Coatings business where she held a variety of business, marketing and technical positions. She then changed market focus and led new initiatives in Food Safety for DuPont including responsibility for leading major R&D initiatives in breakthrough disinfection technology. Lynn joined GreenCentre Canada in 2010 as a Director of Commercial Development and worked with universities across Canada to commercialize greener technologies. Lynn is a named inventor on 13 patent applications in technologies representing each of the different businesses with which she has been associated. She is a frequent speaker on innovation and green chemistry and chaired a session on commercialization of Green Chemistry at the ACS-GCI's 2013 meeting. Lynn is currently starting a new business, ALCERECO, which will develop and commercialize new Advanced Materials in a number of markets.

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