

2012 Washington State Green Chemistry Roundtable

Suquamish Clearwater Resort

October 25, 2012

Increasing Collaboration, Tools & Recognition for Green Chemistry Innovation



October 25: Green Chemistry Business Roundtable: Supply Chain Perspectives on Challenges and Opportunities

The focus of the business-to-business roundtable is to advance green chemistry implementation and incentives for several important regional sectors, including green building materials and biotechnology. The WA Green Chemistry Roundtable is a forum to facilitate cross-sector information sharing through several case studies relate to the changing needs throughout the supply chain.

DRAFT Thursday, October 25, 2012 – Washington State Green Chemistry Roundtable, Suquamish Clearwater Hotel

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| 8:00 – 8:45 a.m. | Registration |
| 8:45 a.m. | Welcome & Introductions: <i>Advancing Business Innovation & Economic Development through Green Chemistry</i>

Ken Zarker, Manager, Pollution Prevention & Regulatory Assistance Section,
Washington State Department of Ecology |
| 9:00 – 9:45 a.m. | <i>The Green Chemistry Value Proposition:</i> Richard T. Williams, Ph.D., American Chemical Society's Green Chemistry Institute

Rich Williams will discuss industry leadership to drive green chemistry innovations; models for collaboration that have enabled green chemistry achievements; decision-making tools, metrics, and approaches that have guided innovation. Rich will provide industry case studies, particularly from the pharmaceutical and biologics industries, illustrating the economic and environmental achievements that can be derived from green chemistry innovation. Rich worked within a Chemical R&D department in Pfizer Global R&D for 17 years and is active with the ACS Green Chemistry Pharmaceutical Roundtable |
| 9:45 – 10:00 a.m. | Break |
| 10:00 – 11:45 a.m. | Supply Chain Perspectives on Opportunities & Challenges to Green Chemistry Innovation

What are businesses doing within the supply chain to develop safer chemistries and materials? What are the drivers, opportunities, and challenges for these |

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types of collaborations? How do companies and suppliers impact and supply the market for alternatives products? How do universities support innovation and product development?

Case Study 1: Bullitt Center & the Living Building Challenge

- Joe David, Point 32
- Tom Schneider, Building Envelope Innovations, LLC

Case Study 2: Biotechnology Sector

- Mickey Blake, Mt. Baker Bio

Noon

Luncheon

1:00 p.m.

Decision Making Tools: Strategic Approaches to Greener Manufacturing Processes and Products

How can a potential innovation position a company for success? What is driving the development of new tools for green chemistry? What are the types of questions to consider in selecting tools? How are businesses and other organizations using these tools?

- Richard Williams, ACS Green Chemistry Institute

1:45 p.m.

Working Sessions (proposed breakouts):

Group 1: Tools & Technical Assistance – Brian Penttila, PRRC

- **Alternatives Assessments Guidance** – Alex Stone, Ecology
- **GreenScreen Automation List Translator Demonstration** – Cheri Peele, Clean Production Action

Group 2: Creating a Washington State Green Chemistry Center – Ken Zarker, Ecology

- **Partnering with industry**

Group 3: Identifying and prioritizing green chemistry research needs – Rob Duff, Ecology

- **Emerging chemicals of concern**

3:30 p.m.

Closing Plenary/Adjourn