

8th Annual GC3 Innovators Roundtable

May 8–12, 2013 | New Brunswick, NJ

GC3 Innovators Roundtable Agenda

Wednesday, May 8th

9:00-11:00am **Pre-Conference Tour of the BASF Innovation Center**
100 Park Ave, Florham Park

12:00-1:00pm **Registration (Lobby) and Lunch (Christopher's Restaurant)**

1:00-1:45pm **Welcome and Introductions (Amphitheater)**
Al Iannuzzi, Johnson & Johnson
Carl Van Horn, Rutgers University

GC3: A Year In Perspective

Joel Tickner: Director, Lowell Center for Sustainable Production

1:45-3:00pm **Overview of Project Group Accomplishments in 2012 (Amphitheater)**
Facilitator: Monica Becker, Monica Becker & Associates Sustainability Consultants
and the GC3

- Advancing Green Chemistry Education
- Business and Academic Partnerships for Safer Chemicals
- Engaging Retailers in the Adoption of Safer Products
- Facilitating Chemical Data Flow Along Supply Chains

3:00-3:15pm **Break**

3:15-4:45pm **Keynote Panel: Advancing Green Chemistry in the Chemical Industry**
(Amphitheater)
Facilitator: Joel Tickner, Lowell Center for Sustainable Production

This panel discussion will present the perspectives of leading thinkers from three major chemical manufacturers on the challenges, opportunities, and drivers for green chemistry.

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Panelists:

Kathleen Shelton, DuPont

Frank Sherman, Akzo Nobel, Inc.

Curtis Zimmermann, North America BASF Corporation

4:45-5:45pm **Discussion: Mainstream Green Chemistry** (Amphitheater)
Opening Comments: Bob Israel, Valspar
Facilitator: Sally Edwards, Lowell Center for Sustainable Production

GC3 advisory committee members outline the results of a recent GC3 strategic planning process followed by large group discussion:

What are the most important changes that must occur in the next 5-10 years to mainstream green chemistry?

5:45pm **Wrap Up and Adjourn** (Amphitheater)
Facilitator: Joel Tickner, Lowell Center for Sustainable Production

6:30pm **Welcome Reception**
Sponsored by Steelcase
Harvest Moon Brewery & Cafe
392 George St, New Brunswick

Thursday, May 9th

7:30-8:00am **Breakfast** (Kiosk)

8:00-8:30am **Green Chemistry at Genentech: Inspiration & Innovation** (Vanderbilt)
Presented by:
Tse-Sung Wu, Environment, Health, Safety, Genentech

8:30-10:00am **Advancing Safer Chemistry in the Medical Device Sector** (Vanderbilt)
Facilitator: Joel Tickner, Lowell Center for Sustainable Production

This panel explores the evolution of safer chemistry in the medical device sector, with a particular focus on the role of large scale purchasing in moving the marketplace for safer products.

- What is the role of health care industry in promoting green chemistry and what have been the key drivers?
- What innovations in safer chemistry has the medical device sector made in the products it manufactures?
- How can large scale purchasers use their purchasing power to advance the

marketplace for safer chemistry?

Panelists:

Mike Chung, Ethicon
Ellen Kondracki, Director, Becton Dickinson
Lara Sutherland, Practice Greenhealth
Kyle Tafuri, The Deirdre Imus Environmental Health Center at Hackensack,
UMC

10:00-10:30am Break

10:30-12:30am Safer Chemicals and Materials: Closing the Gap Between what Brands Need and What the Chemical Industry is Offering (Vanderbilt)

Part 1- Cleaning and Other Formulated Household Products

Facilitator: Greg Howard, AAAS Science & Technology Policy Fellow, Environmental Protection Agency

A two-part panel discussion with brands and large and small chemical companies

- How can brands engage with the chemical industry or government to accelerate the development of safer substitutes for chemicals of concern?
- What strategies are effective when suitable substitutes do not yet exist? What strategies are effective when alternatives are available but brands and retailers are unsure of their safety and performance?
- Can better communication of needs/development capabilities up and down the value chain accelerate innovation and commercialization?
- What strategies are effective when chemical companies (small or large) or others with the capacity to innovate do not see sufficient market demand or may not have funding for R&D or scale-up?

Panelists:

Neil Burns, P2 Science
Edwin Bisinger, Akzo Nobel Services Inc.
Greg Howard, Environmental Protection Agency
Martin Wolf, Seventh Generation

12:30-2:00pm Lunch (Christopher's Restaurant)

2:00-2:30pm Keynote: Judith Enck, Administrator Region 2, Environmental Protection Agency (Vanderbilt)
Facilitator: Ken Geiser, Lowell Center for Sustainable Production

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- 2:30-4:30pm** **Project Group Break Out Sessions**
- Advancing Green Chemistry Education (Kilmer Room)
 - Engaging Retailers in the Adoption of Safer Products (Scott Room)
 - Facilitating Chemical Data Flow Along Supply Chains (Dickson Room)
 - Innovation in the Chemical Industry (Waksman Room)
- 4:30-4:45pm** **Break**
- 4:45-5:30pm** **Project Groups Report Back** (Vanderbilt)
Facilitator: Amy Perlmutter, Perlmutter Associates and the GC3
- 5:30pm** **Wrap Up and Adjourn** (Vanderbilt)
Facilitator: Joel Tickner, Lowell Center for Sustainable Production
- 7:00-10:00pm** **Networking Dinner**
Hosted by Johnson & Johnson
Johnson & Johnson Headquarters
1 Johnson & Johnson Plaza, New Brunswick

Friday, May 10th

- 7:30-8:00am** **Breakfast** (Kiosk)
- 8:00-9:30 am** **Safer Chemicals and Materials: Closing the Gap Between what Brands Need and What the Chemical Industry is Offering** (Vanderbilt)
- Part 2- Engineering Plastics & Articles**
Facilitator: Monica Becker, Monica Becker & Associates Sustainability Consultants and the GC3
- (See framing questions from Part 1, Thursday 10:30 a.m.)*
- Panelists:
Emile Homsy, DSM Engineering Plastics
Marc Lebel, FRX Polymers
Raymond Lizotte, Schneider Electric
Stephen O'Rourke, Hallstar
- 9:30-11:00am** **Measuring Progress Toward Safer Chemical Use in Processes and Products** (Vanderbilt)
Facilitator: Sally Edwards, Lowell Center for Sustainable Production

This session will explore the landscape of new tools that are available for companies

to use in benchmarking their progress toward safer chemical use in manufacturing processes and products.

- What do companies need to do to implement a comprehensive approach to chemicals management within their supply chains?
- What information is needed to benchmark progress on safer chemical use? How is this information obtained and how are data gaps being addressed?
- Currently progress is measured by reduction in the use of toxic chemicals. Is this the right metric? How should we measure progress? How can this improvement best be communicated?
- Is it possible for companies to differentiate themselves based on their chemicals management strategies? If so, what are effective approaches for accomplishing this goal?

Panelists:

Libby Bernick, Trucost
Anne Bonhoff, UL
Bob Buck, DuPont

11:00-11:15am Break

11:15-12:30pm Strategy Session: Mainstreaming Green Chemistry (Vanderbilt)
Opening Comments: Barbara Hanley, Hewlett Packard
Facilitator: Sally Edwards, Lowell Center for Sustainable Production

Small group breakout with key questions

- What are the most important changes that must occur in the next 5-10 years to mainstream green chemistry? (review points from discussion on Wednesday)
- For which of these changes is the GC3 most suited to have a meaningful impact?
- What short-term goals should the GC3 pursue in the next 3-5 years to help make those changes happen?

12:30-1:00pm Report Back (Vanderbilt)
Facilitator: Sally Edwards, Lowell Center for Sustainable Production

1:00pm Wrap up and Adjourn (Vanderbilt)
Facilitator: Joel Tickner, Lowell Center for Sustainable Production

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