

Overview of GC3 Project Group Activities Advancing Green Chemistry Education



Primary Focus of the Education Project Group

The GC3 Green Chemistry Education project group explores ways to embed green chemistry in university and professional education as well as in research, education, and development funding programs.

2012/2013 Project Year

Green Chemistry Education Position Statement

- Collaborative process with input from many of the GC3 companies and stakeholders
- Broadly supports sustainability in higher education, with a focus on green chemistry and green engineering principles
- The statement supports adoption of green chemistry and green engineering principles to be adopted in:
 - Science and engineering disciplines
 - Non-science disciplines
 - Continuing education and training within companies
- Statement puts forth a series of recommendations and commitments from the signing companies to academia

2012/2013 Project Year

Green Chemistry Education Position Statement

Signatories to date:

GC3 Companies:

Actio Software Corporation
Anvil Knitwear
Construction Specialties, Inc
Dell, Inc.
Design Tex
Dow Chemical Company
ecoSolv Technologies, Inc.
Green Depot
Herman Miller
Hewlett Packard
Johnson & Johnson
Method Products, Inc.
NatureWorks, LLC
Nike, Inc.
Segetis, Inc.
Seventh Generation

Staples
Steelcase
The Wercs Ltd.
Valspar Corporation

Additional GC3 Signatories:

Center for Environmental Health
Environmental and Public Health Consulting
EPEAT, Inc
GreenBlue Institute
Minnesota Pollution Control Agency
Pacific Northwest Pollution Prevention Resource
Center
Pure Strategies, Inc.
Sustainable Research Group
ToxServices, LLC
University of Toledo
WA State Department of Ecology

2012/2013 Project Year

Green Chemistry Education Position Statement

NEXT STEPS:

- **Develop outreach strategy**

- Link to Beyond Benign Green Chemistry Commitment (discussion during break out session)

- Outreach to university leadership

- Outreach to NSF (re GC research grants)

- Outreach on GC R&D bill

- Connect to state green chemistry programs

- MI GC Education work (discussion during break out session)

- **Press outreach**

- C&EN

- Others

2012/2013 Project Year

Green Chemistry/Safer Alternatives Bootcamp

Objectives and Goals:

- To develop a boot camp for a broad, technically savvy audience
- Foster communication between job functions, sectors, and levels of supply chains on issues regarding safer alternatives and green chemistry
- Adult learning through “real-world” case studies
- Collaborate with other groups to design curriculum (i.e., Lowell Center for Sustainable Production, Beyond Benign, UC Berkeley, MA TURI, etc.)
- Different levels for trainings:
 - Level One: Webinars for individual topics
 - Level Two: Trainings using case study models

2012/2013 Project Year

Green Chemistry/Safer Alternatives Bootcamp

Status:

- Identify audience
- Assess the need for such a training
- **Gather existing curriculum and modules**
- **Identify gaps in curriculum for further development**

Target: Roll out training in phases, beginning in fall of 2013

Ideas for Continuing the Work in 2013-2014

2013/2014 Project Year

- GC3 Education Position Statement Outreach and Benchmarking
 - Linking to Green Chemistry Commitment program
- Green Chemistry and Safer Alternatives Boot Camp Curriculum Development
 - Level One Trainings: Webinar Schedule beginning fall of 2013
 - Level Two Trainings: Curriculum Development work during summer and fall of 2013

Join the discussion at the project group session