

The Fifteenth Annual ACS Northeast Regional Undergraduate Day

Saturday, November 1, 2008

Hosted by the Department of Chemistry at
Simmons College and
the Chemistry / Physics Liaison at Simmons
College

Sponsored by the Northeastern Section of the
American Chemical Society

9:00 **Registration** (Park Science Center, Simmons College, 300 The Fenway, Boston, MA 02115) (Park Science Center is located between 2 Avenue Louis Pasteur and Boston Latin High School)

9:30 **Welcoming Remarks** – Rich Gurney (Simmons College)

9:45 **Keynote Address: Green Chemistry: Designing a sustainable future with beakers and flasks.** John C. Warner – President and Chief Technology Officer, Warner Babcock Institute for Green Chemistry.

10:30 **Coffee break**

10:45 **Research Talk(s) and Panel Discussion (choose one):**

1. Nolan T. Flynn – Wellesley College
An REU-based research group and metal nanoparticles: Controlling assembly at different length scales.

Panel Discussion to Follow: Applying to Research Experiences for Undergraduates (REU) Programs

2. Matthias Brewer – University of Vermont
The discovery of a novel ring fragmentation

reaction and its application in heterocycle synthesis.

and

Ryan Hayward, UMass Polymer Science and Engineering

Instabilities of polymers at interfaces: New routes to complex and responsive materials.

Panel Discussion to Follow: Applying to Graduate School Ph.D. Programs

12:00 **Lunch**

12:30 **Résumé Review and Graduate School/Industry Fair**

1:30 **Afternoon Talk (choose one):**

1. Margaret Kerr – Worcester State College
An International Green Chemistry Experience: Insight into the Fulbright Scholarship Program for Students and Faculty.

2. Chris Larson – University of Oregon
The Industrial Internship Masters Program at University of Oregon.

2:15 **Student Affiliates Workshop**

Amy Cannon – Beyond Benign

2:30 – 4:00 **Workshop I – Green outreach demonstrations for ACS affiliates:**

1. *Hydrolysis of post-consumer polylactic acid*
2. *Extraction of D-limonene using liquid carbon dioxide*
3. *Construction of dye-sensitized solar cells using blackberry juice.*

2:30 – 4:00 **Workshop II – Ma Pearl's Soap: Soap making as a Green Chemistry Laboratory**

5:00 **Adjournment**

There will be a \$10 registration fee to partially cover the cost of lunch, which will be provided, and workshop materials.

If you would like more information, or if your school or company would like to send a representative to the Graduate School and Industry Fair, please contact Joanne Saro at 617-521-2720; 617-521-3086 (fax) ; e-mail: joanne.saro@simmons.edu