

Registration Information

Conference:

\$50 for 2 day Conference

Inclusive of dinner day 1, refreshments day

1 & 2, lunch day 2

For a Single Day: \$35

Check payable to:

Advanced Technology & Manufacturing
Center

Attn: Green Chemistry Conference

151 Martine Street

Fall River, MA 02723

Contact:

Christopher Fournier

chemistry_green@yahoo.com

(508) 910-9867

Poster Submitting:

Contact Chad Nelson

cnelson@tei.umass.edu

(413) 545-5526



Hotel Information



Hampton Inn

53 Old Bedford Rd.

Westport, MA 02790

(508) 675-8500

www.hamptoninn.com

Rate: \$72/night

Quality Inn

1878 Wilbur Ave.

Somerset, MA 02725

(508) 678-4545, 800 4choice

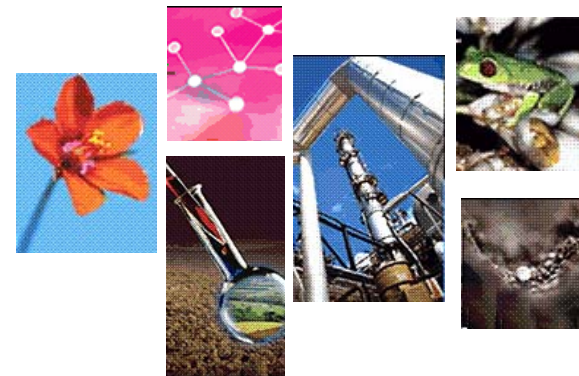
www.qualityinnsomerset.com

Rate: \$55/night



4th UMass Green Chemistry Conference

**“Economic Success Through Green
Chemistry & University-Industry
Partnerships”**



(508) 910-9867 chemistry_green@yahoo.com

151 Martine Street

Fall River, MA 02723 USA

www.atmc.umassd.edu

Green Chemistry Conference

Agenda

Day One: January 1

12:00 PM Registration and Refreshments

12:30 PM Welcoming Remarks and Keynote
Speaker

Thomas Curry, Director of ATMC
Jean MacCormack, UMass Dartmouth Chancellor
Jack Wilson, UMass President
Bob Dluhy (Introduction & Agenda), ATMC

1:00 PM Campus Summaries

1:00 PM Amherst – Chad Nelson
1:15 PM Boston – Tim Dransfield
1:30 PM Dartmouth – Chen-Lu Yang
1:45 PM Lowell – Ken Geiser

2:00 PM New England Consortium/Intercampus
Collaboration – Shaw Ling Hsu and Bill Brah

2:15 PM Break

2:45 PM Green Chemistry and Industry – Berkeley
Cue, retired Pfizer Corporation

3:15 PM Green Chemistry and the Federal
Government – Julie Zimmerman, EPA

3:45 PM Green Chemistry and Massachusetts
Government – Paul Richard, OTA

4:00 PM Ellen Roy Herzfelder (invited) –
Massachusetts Secretary of Environment

4:15 PM Poster Session: Chad Nelson – Coordinator

Motel Check-In

5:00 PM Cash Bar at White's Restaurant

6:30 PM Dinner/Speakers

Paul Anastas, Director GCI
John Warner, UMass Lowell

8:00 PM Entertainment

Day Two: January 14

8:00 AM ATMC Open for Coffee and Poster Session

9:00 AM Group Session 1

- A. Green Chemistry at the National Level –
Paul Anastas and Julie Zimmerman
- B. Green Chemistry and Industrial
Implementation – Berkley Cue and John Warner
- C. Green Chemistry and Educational Issues –
Pam Civie and Amy Cannon

10:00 AM Group Session 2

A. Bridging the Gap from Basic Research to
Implementation – Chen-Lu Yang and Chad
Nelson

B. Balancing Economics and the Environment –
Ken Geiser and Tom Flanagan

C. Innovations and Basic Research in Green
Chemistry – Steve McCarthy and Shaw Ling
Hsu

11:00 AM Break

11:15 AM Breakout Technical Tracks 1
**Three concurrent Tech Tracks in the following
groupings. Each will have four 30-minute
presentations from four campuses or industries.**

- A. Textiles and Coatings
- B. Plastics and Renewable Feedstocks
- C. Cleaning and Antifouling Remediation

1:15 PM Lunch

2:00 PM Breakout Technical Tracks 2
**Three concurrent Tech Tracks in the following
groupings. Each will have four 30-minute
presentations from four campuses or industries.**

- A. Pharmaceuticals and Agriculture
- B. Nanotechnology and Noncovalent
Derivatization
- C. Energy

4:00 PM Coffee and Adjourn



Breakout Technical Titles

January 14

Breakout Technical Track 1, 11:15-1:15 PM

Textiles and Coatings:

Qinquo Fan, UMD, "Color by Non-Dyeing Methods and Beyond"

Louis Stuhl, ChemMotif, "Green Chemistry Solutions for Field Detection of Toxics at Remediation Sites"

David Reckhow, UMA, "Zero Discharge in the Textile Industry: Scale-up and Implementation of Ozonation and Electrochemical Treatment"

John Raschko, OTA, and Fred Churchill, Churchill Coatings, "Industry/Government Partnership for Greener Technology Development: The Churchill Coatings Project"

Plastics and Renewable Feedstocks:

Daniel Sandman, UML, "Use of Carbohydrate Reagents for the Synthesis of Molecular and Macromolecular Conjugated Materials"

Yuegang Zuo, UMD, "Development of Green Analytical Chemical Methods for the Determination of Pharmaceutical Components"

Ashok Cholli, Polnox Corporation, "Green Chemistry and the Polnox Corporation"

Ramaswamy Nagarajan, UML, "Oxidoreductases in the Synthesis of Advanced Materials"

Cleaning, Antifouling and Benign Remediation:

Carole LeBlanc, UML, "Biobased Replacement Cleaners"

William MacKnight, UMA, "Application of Nanocomposites in Cyclic Polyester Oligomers"

Adan Colon-Carmona, UMB, "Understanding Cellular and Molecular Stress Responses during Phytoremediation of Polycyclic Aromatic Hydrocarbon"

Augustus Ogunbameru, OTA, Chen-Lu Yang, UMD, "Decolorization of Textile and Paper Mills Effluent Using Hydrogen Peroxide and TAML® Catalyst"



January 14

Breakout Technical Track 2, 2:00-4:00PM

Pharmaceutical and Agriculture:

Arthur Coury, Genzyme Corporation, "Genzyme and Green Chemistry"

Rich Aleo, Regenerated Resources Company, "Green Fertilizers Using Poultry Litter by a Dual Eco Company"

Manickam Sugumaran, UMB, "Potential Green Chemistry Applications through the Study of Melanogenic and Sclerotinogenic Pathways in Animals"

Stephen McCarthy, UML, "Biodegradable Polymers and Nanospheres from Renewable Feedstocks"

Nanotechnology and Noncovalent Derivatization:

Amy Cannon, UMB, "Noncovalent Derivatization and Nanotechnology"

Arthur Watterson, UML, "Enzymes: Nature's Nanofactories with Green Chemistry. New Materials Using Novel Substrates for Biocatalytic Synthesis"

S. Adam O'Neil, UMA, "Clean Deposition of Metal and Oxide Films"

Pat Collins, Hyperion Catalysis, "Using Nanotubes in Practical Green Chemistry"

Energy:

Michael Pollastri, Pfizer Corporation, Reshma Pal, UML, "Microwaves and Green Chemistry"

Ferdinando F. Bruno, US Natick Army Labs, "Use of Enzymes for the Synthesis of Water-Soluble Conductive Polymers"

Russell Gaudiana, Konarka Technologies Inc., "Overview of Third Generation Flexible Photovoltaics"

Shaw Ling Hsu, UMA, "Environmentally Appropriate Materials"



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