



April 2017

## Greener Materials Research Symposium to Provide Unique Insights



The Greener Materials Research Symposium is a one-of-a-kind opportunity to learn how collaborations between industry and academic researchers deliver breakthrough solutions to reduce the use of toxic chemicals by identifying effective and safer solutions.

Hear about the success of collaborative research projects from Siemens, MD Stetson, Camco and ITW Polymers Sealants. Gain insight into the future of safer solutions from keynote speakers Freimut Schroeder, Siemens AG, and John Warner, Warner Babcock Institute.

**When:** May 10, 2017

**Where:** University Crossing, UMass Lowell

**Time:** 8:15 am to 2:30 pm

This event is free but [registration](#) is required.

**MassDEP has approved this event for 2 TUR Planner CE credits.**

## TURI Seeks Grant Proposals in All Categories

TURI encourages Massachusetts businesses, community groups, municipalities and UMass researchers to apply for grants that will fund toxics use reduction projects. Submit your

## Upcoming Events

### Greener Materials Research Symposium

Wed., May 10, 2017

8:15AM to 2:30PM

UMass Lowell

University Crossing

Moloney Ballroom

[Register now.](#)

Join academic researchers and Massachusetts industry leaders to discuss business needs for safer alternatives and the power of collaborative research to deliver solutions.

#### Keynote speakers include:

##### Freimut Schroeder

Vice President, Environment, Health and Safety, Siemens AG Healthcare Sector

##### John Warner

President and Chief Technology Officer, Warner Babcock Institute for Green Chemistry

### TRI/TURA RY-2016 Compliance Assistance Workshops

May 9 Fall River

May 11 Holyoke

May 23 Worcester

May 25 Newburyport

[More information and registration.](#)

**Save the date!**

### Champions of Toxics Use Reduction Event

application for an Industry, Small Business, or Community Grant by June 23, 2017. The application deadline for Academic Research Grants is June 16, 2017.

June 20, 2017  
Massachusetts State House

## Other Events of Interest

### Green Your Bottom Line in Food and Beverage Businesses

An interactive workshop on opportunities for food and beverage businesses to reduce operating costs, improve operations and prevent pollution through sustainability efforts including energy efficiency and renewable energy, waste management, and safer cleaning and sanitizing materials.

This workshop is free but [registration](#) is required.  
May 3, 2017  
8:30AM to 12:30PM  
Gloucester

The grant categories include:

- **Industry Grants** of up to \$30,000 provide funding to qualified Massachusetts manufacturers to research, evaluate, or implement toxics use reduction projects. Contact [Joy Onasch](#) or visit [www.turi.org/industrygrants](http://www.turi.org/industrygrants).
- **Small Business Grants** of up to \$10,000 are intended for small businesses that provide services directly to consumers. Contact [Joy Onasch](#) or visit [www.turi.org/smallbusinessgrants](http://www.turi.org/smallbusinessgrants).
- **Academic Research Grants** of up to \$25,000 are available to UMass faculty and their graduate students to partner with Massachusetts companies on researching safer alternatives to toxic chemicals. Contact [Gregory Morose](#) or visit [www.turi.org/academicresearchgrants](http://www.turi.org/academicresearchgrants).
- **Community Grants** of up to \$20,000 are available for regional or statewide projects and \$10,000 for local projects. Contact [Joy Onasch](#) or visit [www.turi.org/communitygrants](http://www.turi.org/communitygrants).

## TURA Continuing Education Conference Highlights

More than 100 Toxics Use Reduction Planners and other professionals attended the Continuing Education Conference on April 6.

Keynote speaker Rich Liroff from Investor Environmental Health Network ([IEHN](#)) described the environmental scorecards that investors use as part of their criteria for choosing companies in which to invest.



Sessions on topics such as metal finishing, case studies from Massachusetts companies, water



conservation and weather preparedness allowed for lively interactions among participants.

All of the [presentations](#) from this conference can be found

on the TURI site.

## Assoc. Prof. Dan Schmidt at HSP50

Assoc. Prof. Dan Schmidt of Plastics Engineering, a TURI affiliated faculty member, presented a paper on various research efforts by TURI and UMass Lowell faculty to identify and evaluate safer solvents for industrial applications. The research efforts utilize the Hansen Solubility Parameters approach to characterize the solubility effectiveness of solvents.



Read his paper and access an HSP webinar and related materials on the [TURI website](#).

Access all of the [papers available](#) from HSP50.

## Call for Information on Perfluoroalkyl Substances

Perfluoroalkyl substances (PFAS), including PFOS (perfluorooctanesulfonic acid) and PFOA (perfluorooctanoic acid), have been in the news recently, as studies emerge about their presence in groundwater and in products such as food packaging. There is increasing evidence of potential health effects and their persistence in the environment.

For more information, see the most recent Greenlist Bulletin, which was a special [issue on Perfluorinated Chemicals](#).

The TURA Science Advisory Board (SAB) is in the process of reviewing these substances. At their January 2017 meeting, the SAB recommended listing PFOA, PFOS, and their salts on the TURA list of toxic and hazardous substances. The SAB currently has a [Call for Information](#) out for additional PFAS.

*TURI offers services & programs to reduce the use of toxic chemicals, energy and water while enhancing the competitiveness of Massachusetts businesses.*

Visit us at [our website](#), at [Facebook](#), or at [our offices](#) on the UMass Lowell campus.

7/5/2017

News: Greener Materials Research Symposium, Continuing Education Conference and more  
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