

THE TOXICS USE REDUCTION INSTITUTE (TURI)

in collaboration with

The Massachusetts Office of Technical Assistance (OTA)

The Massachusetts Department of Environmental Protection (DEP)

and

The Toxics Use Reduction Administrative Council

Presents

A TOXICS USE REDUCTION PLANNER ONE-DAY CONTINUING EDUCATION CONFERENCE FEATURING HIGHLIGHTS OF THE NEW TUR ACT

November 9, 2006

Hotel Marlborough/Courtyard by Marriot
Marlborough, Massachusetts

2006 Annual Toxics Use Reduction Planners (TURPA) Members Meeting

The meeting will be held immediately following the TURI Continuing Education Conference in the Hotel Marlborough/Courtyard by Marriot from 4PM to 6PM. Come hear specifics from each TURA agency and get your questions answered directly after the meeting. Topics to be covered include the categorization of chemicals and certification requirements. Also, find out the inners of the TURPA election! Enjoy some appetizers and a drink. \$20 meeting fee includes next year's TURPA membership! To register: Please respond to kurtwarms@envaa.com by November 6th. Space is limited. First come first served. Payment will be accepted at the door.

ABOUT THIS CONFERENCE

Purpose: This event is specially designed for the certified Toxics Reduction Planner seeking to earn credits toward the continuing education requirement for certification. The conference will provide opportunities to learn from presentations and other TUR Planner successes and challenges. The Conference is also open to others interested in the issues of toxics research, pollution prevention and cleaner production.

Credit: *DEP has approved this event for double credit making each half day worth six credits. Attendance for a full day would be worth 12 credits. These credits may be used to apply to DEP for certification. Pre-registration and pre-selection of workshops is required.*

November 9, 2006

TUR One-Day Continuing Education Conference

Hotel Marlborough/Courtyard by Marriot
75 Felton Street, Marlborough, MA 01752

To Register:

Fill out the enclosed registration form and return it *with a check* made out to UMass Lowell to the Toxics Use Reduction Institute by October 27, 2006. *The registration will not be complete and the space will not be held until payment and the registration form are received. Seating is limited. We will confirm session selections with your conference confirmation. Attendance will be tracked to assure that planners receive a certificate of completion for sessions attended.*

Fax registration to (978) 934-3050

or mail to:

Brenda Wilson
CE Conference
TURI - UMass Lowell
1 University Avenue
Lowell, MA 01854-2866

Fees:

The registration fees include conference materials, a continental breakfast, lunch and breaks. The full day fee for the conference is \$175.00. The fee for half a day is \$100.00 and includes lunch.

Registration Deadline:

Registration may be faxed or mailed but must be received by October 27, 2006. *The registration will not be complete and the space will not be held until payment and the registration form are received.*

Cancellations:

Cancellations must be received 5 business days before the event (November 1, 2006). Cancellations received 5 days before the event will receive a credit for the registration fee that may be used for a future event. There will be **no** credit given for cancellations less than 5 days before the event. Mail cancellations to:
Brenda Wilson
TURI - UMass Lowell
1 University Avenue
Lowell, MA 01854-2866 or FAX to (978) 934-3050

PRELIMINARY AGENDA:

8:30 AM Registration

NOTE CHANGE IN AGENDA

Plenary Session: 9:00 AM to 10:15 AM

Overview of highlights of new TUR Law

10:30 AM to noon Morning sessions

Noon to 1:00 PM Buffet lunch

1:00 PM to 4:00 PM Afternoon sessions

Plenary session 9:00 AM to 10:30 AM

Toxics Use Reduction Act Amendments of 2006

The first changes in the TUR Act since it was passed in 1989 were enacted in July, 2006. The bill was the result of a consensus process among many different Massachusetts stakeholders, and was passed unanimously by the House and Senate. The bill's provisions include: allowing the program to focus increased attention on higher hazard substances, allowing more flexibility in facility planning, and revising the production unit level reporting requirements. This plenary session will provide an overview for planners of these and other new provisions in TURA.

Concurrent Morning Sessions from 10:30 AM to Noon Choose One

A: Surface Cleaning: Process of Changing

This session will cover the basics of alternatives assessment for cleaning processes. Topics will include: using environmental indicators and material safety data sheets (MSDSs) to identify chemical hazards associated with cleaners and solvents; basic chemistry of aqueous cleaners; the testing parameters of TACT (time, agitation, concentration and temperature); soil and surface types; and cleaning equipment.

B: New Technologies and On Site Renewable Energy

This session will include highlights of several new technical applications and efforts and an in depth presentation on Renewable Energy for Businesses. The highlights include:

High Speed Digital Printing of Textiles with Radiation Curable Pigments

Plasma Treatment of Textiles

Plasma for the Metal Industry

To Install or Not to Install: Why Businesses Choose On-site Renewable Energy

C: Industry Research Consortia: A Model With Results

This session will provide an overview of a consortia model that fosters collaboration between government, industry, and academia partners to address industry-wide challenges. An example will be presented of a consortium formed for the electronics industry to address the challenges of lead-free electronics assembly. A breakout activity will be conducted to identify potential consortia opportunities for other industries.

Concurrent Afternoon Sessions from 1:00 PM to 4:00 PM Choose One

D: Innovations in Cleaning: New Chemistries and Technologies

This session will cover the latest developments in cleaning technology, including: application of green chemistry principles and sustainable businesses practices; the role of environmental management systems (EMSs) and continuous improvement; total cost accounting and life cycle analysis; the federal biobased mandate; Europe's Precautionary Principle and global green labeling initiatives.

E: Measuring Progress, or "Who Stole My BRI?"

How do you measure TUR progress at your facility? This session will cover a range of possible facility metrics, as well as upcoming changes in TURA requirements for production unit level reporting. How does the TURA Program use what you report to measure the state's progress? The session will also provide an overview of how the TURA data is used to measure state-wide progress.

F: Nanotechnology: Challenges and Opportunities

In this session we will provide the latest information on potential impacts on human and environmental health and safety associated with the manufacture and processing of nanomaterials. Topics in this session will include: on-going research at UML on occupational exposure during nanomaterial processing, as well as current research into health effects associated with various nanomaterials, innovative uses of nanomaterials as new technologies to replace traditional toxic products, and research into the use of nanospheres as a drug delivery system.

TUR PLANNER CONTINUING EDUCATION CONFERENCE

November 9, 2006

Note Change in Location and Agenda

Name: _____ Title: _____

Company: _____ SIC Code: _____

Address: _____

City/State/Zip: _____

E-mail: _____

Phone: _____ Fax: _____

Limited Practice TUR Planner General Practice TUR Planner Not a Planner

Plenary Session: Toxics Use Reduction Act Amendments of 2006

MORNING SESSIONS: CHOOSE ONE

- A). Surface Cleaning: Process of Changing**
- B). New Technologies and On Site Renewable Energy**
- C). Industry Research Consortia: A Model With Results**

AFTERNOON SESSIONS: CHOOSE ONE

- D). Innovations in Cleaning: New Chemistries and Technologies**
- E). Measuring Progress, or "Who Stole My BRI?"**
- F). Nanotechnology: Challenges and Opportunities**

Registration Deadline:

Registration is on a first come/first serve basis and space is limited!

Registration is due by October 27, 2006

Registration Information:

Fax registration to (978) 934-3050 or mail to:

CE Conference

TURI UMass Lowell

1 University Avenue

Lowell, MA 01854-2866

Cost: The registration fee includes conference materials, a continental breakfast and lunch and breaks. The full day fee for the conference is \$175.00. The fee for half a day is \$100.00 and includes lunch.

**If you have any questions or special needs contact Anne Basanese at
(978) 934-3144 or Anne_Basanese@uml.edu.**



Toxics Use Reduction Institute
UMass Lowell
1 University Avenue
Lowell, MA 01854-2866

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TOXICS USE REDUCTION PLANNER CONTINUING EDUCATION CONFERENCE

November 9, 2006

**Hotel Marlborough/Courtyard by Marriot
Marlborough, Massachusetts**

The 2006 Annual Toxics Use Reduction Planners (TURPA) Members Meeting

4:00 PM to 6:00 PM - November 9, 2006

Hotel Marlborough/Courtyard by Marriot • Marlborough, Massachusetts

Other TUR Planner Training Events – Save the Dates!

- EMS March 15, 2007- Lowell
- CE Conference April 15, 2007- Sturbridge, MA

Visit turi.org for the latest event calendar