

# PROTECTING VERMONT'S CHILDREN FROM ENVIRONMENTAL RISKS: PROBLEMS & SOLUTIONS

Date: Friday, September 22, 2006

Time: 8:00 a.m. – 3:30 p.m.

Location: Capitol Plaza Hotel & Conference Center,  
100 State Street, Montpelier, VT 05602  
(See below for directions)

## SPONSORED BY:



## PURPOSE:

To provide nurses and other health professionals serving children, particularly those who are minority or low-income children, with the knowledge and skills to better identify, manage, and prevent environmental health risks as well as provide a forum for networking to address the challenges of pediatric environmental illness.

## UPON COMPLETION OF THIS WORKSHOP, PARTICIPANTS WILL BE ABLE TO:

- Identify pathways and routes of exposure to environmental health hazards.
- Describe the relationship between individuals or populations and the community environment, including work environment.
- Identify the populations made vulnerable by personal characteristics to environmental health hazards.
- Understand the mechanisms and pathways of exposure to environmental health hazards.
- Describe prevention and control strategies for environmental hazards.
- Complete an environmental health history assessment, recognize potential environmental health hazards and sentinel illnesses, and make appropriate referrals for conditions with probable environmental etiology.
- Access and provide environmental health related information to individuals and communities, and to locate appropriate referral sources.
- Describe the role of advocacy, ethics, and risk communication in individual care and community intervention with respect to potential adverse effects of the environment on health.
- Understand the policy framework and major pieces of legislation and regulations related to environmental health.

## CONFERENCE AGENDA

- 8:00 Registration & Continental Breakfast
- 8:30 Welcome and Introductions
- 8:45 Introduction to Environmental Health  
*Dr. S. Chalupka*
- 9:30 Break
- 9:45 Environmental Hazards in the Air, Water and Soil  
*Dr. S. Chalupka*
- 10:30 Environmental Pollutants and Disease in American Children:  
New Pediatric Morbidity  
*Dr. J. Tickner*
- 11:15 Safer Environments for Children: Homes, Child Care Settings  
& Schools  
*D. Turcotte, MS*
- 12:00 Lunch
- 12:45 Environmental Health Resources:
  - *Eugene Benoit*, Environmental Protection Agency
  - *Kevin Doering*, Vermont Department of Health
  - *Gayle Finkelstein*, Vermont Poison Prevention Educator
  - *Terry A. Greene*, JSI Center for Environmental Health Studies
  - *Doug Kievit-Kylar*, Environmental Education/Outreach Specialist
  - *Gary D. Perlman*, ATSDR New England Regional Representative
  - *Carol Westinghouse*, INFORM, Inc.
  - National Library of Medicine
- 1:30 Safer Environments for Children: Waste Sites, Workplaces &  
Waste Sites/Brownfields  
*D. Turcotte, MS*
- 2:00 Break
- 2:15 Taking an Environmental Health History  
*Dr. S. Chalupka*
- 2:45 Putting It All Together: Protecting Children in an Age of  
Uncertainty  
*Dr. J. Tickner*
- 3:30 Adjourn

## Registration Deadline: September 8, 2006

This seminar is being offered at no charge. Registration is on a first come basis. Please register on our website <http://www.uml.edu/childrenshealth> or complete the form below and fax to Julie Villareal at 978-934-3026. The registration form must be completed by September 8, 2006. Any additional questions, please call Julie Villareal at 978-934-4772 or email at [Julie.Villareal@uml.edu](mailto:Julie.Villareal@uml.edu). Please only register if you can commit to attending, as seating is limited.

Nursing CEUs will be provided through University of Massachusetts Lowell.



## Children Need Protection Where They Live, Learn, & Play

Each day, children may be exposed to a variety of environmental contaminants at home, school, and outdoors. Environmental exposures like air pollution, lead, mercury, and pesticides can have harmful effects on children's health and behavior, and the amount and timing of exposure can influence the magnitude of these effects. Children need our protection. Learning about children's environmental health is the first step to protecting them from environmental risks.

**Protecting Vermont's Children From  
Environmental Risks: Problems & Solutions --  
Registration Form**

Name: \_\_\_\_\_

Do you need CEUs? Yes  No

Only applicable if CEUs are needed -

Social Security Number or RN license number [optional]

\_\_\_\_\_

Professional Title:

RN  LPN  MD  Health Educator  Other,  
please describe \_\_\_\_\_

Address:

\_\_\_\_\_

(Please check one:  Home or  Business)

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Company/Affiliation:

\_\_\_\_\_

Daytime Phone: (        ) \_\_\_\_\_

Email Address: \_\_\_\_\_

Preferred means of contact:  Email or  Postal Mail

*If you have any special needs, please contact us as soon as possible  
at (978) 934-4772 or by email at Julie\_Villareal@uml.edu.*

**Directions to Capitol Plaza  
Hotel & Conference Center  
(100 State Street, Montpelier, VT)**

**Exit 8 off I-89, Montpelier, Vermont:** Exit 8 off I-89, merge onto Memorial Drive. At second stop light take a left onto Bailey Avenue. At intersection take right onto State Street. Vermont State House is on your left, ½ block on the Right is Capitol Plaza Hotel.

**From the North:** Take I-89 S. Take the exit – exit number 8 – toward US-2/ Montpelier. Merge onto Memorial Dr. Turn Left onto US-2/Bailey Ave Ext. Turn Right onto State St./US-2 Br/Theodore Roosevelt Hwy.

**From Boston and South:** Take the ramp toward I-93 N. Turn Slight Left onto Cross St. Turn Slight Left to take the I-93 N/US-1 N/RT-3 N ramp. Merge onto Central Artery/Fitzgerald Exwy. Central Artery/Fitzgerald Exwy becomes I-93 N (Portions toll). Merge onto I-89 N. Take the exit – exit number 8 – toward US-2/ Montpelier. Merge onto Memorial Dr. Turn Left onto US-2/Bailey Ave Ext. Turn Right onto State St./US-2 Br/Theodore Roosevelt Hwy.

**From New York and West:** Merge onto Bruckner Exwy/ I-278 E. Take the I-278 E exit on the left toward New Haven. Merge onto Bruckner Exwy. Bruckner Exwy becomes I-95 N. Merge onto I-91 N via exit number 48 – on the left – toward Hartford. Merge onto I-89 N via exit number 10N toward Barre/Montpelier. Take the exit – exit number 8 – toward US-2/ Montpelier. Merge onto Memorial Dr. Turn Left onto US-2/Bailey Ave Ext. Turn Right onto State St./US-2 Br/Theodore Roosevelt Hwy.

**Biographies of Speakers**

**Stephanie M. Chalupka**, Ed.D, A.P.R.N., B.C., C.N.S., F.A.A.O.H.N is a Professor of Nursing at the University of Massachusetts Lowell. Dr. Chalupka also holds an appointment as a Visiting Scientist in Occupational and Environmental Health at the Harvard School of Public Health. She is a certified community health clinical specialist who served as a municipal health department director for 14 years before becoming a nurse educator. Dr. Chalupka has extensive experience training health professionals in environmental health, particularly children's environmental health. She is the author of many peer- reviewed publications in environmental health nursing, including the Core Curriculum in Environmental Health for Nurses that was funded by the Agency for Toxic Substances and Disease Registry. Dr. Chalupka has taught the Core Curriculum in 26 states, and completed an extensive evaluation of its impact on professional practice and institutional policy. Dr. Chalupka serves as a member of the American Nurses Association Task Force to revise the *ANA Public Health Nursing Scope and Standards of Practice*. She has provided public health nursing consultation to several state health departments including the Vermont Department of Health in the Environmental Health Nurse Designee Program.

**Dr. Joel Tickner** is Assistant Professor in the Department of Community Health and Sustainability at the University of Massachusetts Lowell where he is also a Principal Investigator at the Lowell Center For Sustainable Production. His training is in toxics chemicals policy, epidemiology, risk assessment, and pollution prevention. He teaches and conducts trainings in a variety of environmental health topics including risk assessment, toxic substances policy, children's environmental health and pollution prevention. He has over 100 publications and conference presentations on the topics of pollution prevention, risk assessment, toxic chemicals policy, and uncertainty and the precautionary principle. He serves on the editorial boards of several journals, is a peer reviewer for journals and government documents and serves on the EPA's National Pollution Prevention and Toxics Advisory Committee.

**David Turcotte, MS** is a program manager at the University of Massachusetts Lowell's Center for Family, Work, and Community and has over 20 years experience in developing and organizing training and education programs for a variety of professionals. He directed a healthy homes demonstration program that trained home health care professionals and other staff on the detection and prevention of residential environmental health hazards. Mr. Turcotte conducts workshops on a variety of healthy homes issues and health hazards and serves as project evaluator for NIEHS funded initiative to address environmental and occupational hazards facing the Brazilian immigrant community. He is also a doctoral candidate in Work Environmental Policy/Pollution Prevention within the UMASS Lowell, Department of Work Environment with a strong research interest on the health impacts of the built environment.