



**SETAC North Atlantic Chapter  
2011 ANNUAL MEETING AGENDA  
June 8 - 10, 2011  
Hilton Garden Inn, Freeport, Maine**

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**WEDNESDAY, JUNE 8**

All day short course, 8:00AM - 5:00PM

***“Endocrine Disruptors: The Good, The Bad, and The Regulations”*** Instructors: Lisa S. Ortego, PhD, DABT and Ann M. Blacker, PhD, DABT (BayerCropScience) with the help of Tim Verslycke, PhD (Gradient) and Karen Kidd PhD (University of New Brunswick in Saint John).

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**THURSDAY, JUNE 9**

7:30 Coffee and continental breakfast

8:00 Welcome, Lisa McIntosh, NAC president

8:10 Welcome, SETAC North America, Mary Reiley (SETAC NA Board member)

**8:30 SESSION 1**

**ENDOCRINE DISRUPTORS and EMERGING CONTAMINANTS** (Tim Verslycke, Session Chair)

8:35 **ENDOCRINE-ACTIVE PHARMACEUTICALS: AN ENVIRONMENTAL CONCERN?**  
Lesley Mills

8:55 **ECOTOXICOGENOMIC APPROACHES TO ENVIRONMENTAL MONITORING OF LEGACY POLLUTANTS AND EMERGING CONTAMINANTS.** Helen Poynton

9:15 **EXPOSURE TO POLYBROMINATED DIPHENYL ETHER FLAME RETARDANTS CAUSES CHANGES IN GENE EXPRESSION IN MESENCHYMAL CELL LINES.** Deena J. Small

9:35 (student) **ASSESSING PASSIVE SAMPLERS TO DETERMINE CONCENTRATIONS OF ESTROGENS AND OTHER ENDOCRINE DISRUPTING COMPOUNDS IN NARRAGANSETT BAY.** Shifra R. Yonis

9:55 **BREAK**

**10:15 SESSION 2**

**GENERAL ENVIRONMENTAL TOXICOLOGY and CHEMISTRY** (John Williams, Session Chair)

10:20 **COPPER TOXICITY OF A SEWAGE TREATMENT PLANT WASTEWATER IN AN EFFLUENT DOMINATED STREAM: YEA OR NAY?** Barry Mower

10:40 **TOXICITY, SUB-LETHAL EFFECTS AND POTENTIAL MODES OF ACTION OF SELECT FUNGICIDES ON FRESHWATER FISH AND INVERTEBRATES.** Adria A. Elskus

11:00 **SKIN DAMAGE AND ALTERATION IN LARVAL FISH AS A RESULT OF EXPOSURE TO ULTRAVIOLET RADIATION AND A POLYCYCLIC AROMATIC HYDROCARBON.** Amanda Gevertz

11:20 **DISCERNING PATTERNS OVER 90 MILES OF DATA: A STUDY OF THE HANFORD REACH IN THE COLUMBIA RIVER.** [Lisa McIntosh](#)

11:40 – 12:00 **MENTOR INTRODUCTION FOR CAREER STUDENT LUNCHEON**

12:00 – 1:30 **LUNCH with Student Career “Speed Dating”** (Included)

**1:30 SESSION 3**

**LOCAL ISSUES** (Ted Wickwire, Session Chair)

1:35 **ECOSYSTEM INDICATORS AND TOOLS IN THE GULF OF MAINE.** [Christine Tilburg](#)

1:55 (student) **PHOSPHATE SOURCE-SINK DYNAMICS IN ANDROSCOGGIN RIVER SEDIMENTS.** [Andrew Cardomone](#)

2:15 **TEMPORAL TRENDS AND RECOVERY PROSPECTS FOR MERCURY CONTAMINATED FRESHWATER FISH IN MASSACHUSETTS.** [Michael S. Hutcheson](#)

2:35 **BREAK**

**3:05 SESSION 4**

**OIL SPILLS AND RESPONSE** (Adria Elskus & Tim Verslycke, Session Chairs)

3:10 **WARREN’S EXCELLENT ADVENTURE IN THE GULF.** [Warren Boothman](#)

3:40 **MARINE OIL SPILL RESPONSE 101.** [Steve Lehmann](#)

3:10 **OIL SPILL PANEL: POINT/COUNTERPOINT PANEL DISCUSSION**

5:45 **ADJOURN**

**6:00 – 7:30 POSTER SESSION AND RECEPTION**

**SORPTION OF AROMATIC AMINES TO MONTMORILLONITE: ROLE OF CATION- $\pi$  INTERACTIONS.** [Teresa Arey](#)

**ASSESSMENT OF ESTROGENIC ENDOCRINE DISRUPTING CHEMICALS (EDCs) IN THE ASSABET RIVER BASIN.** [Kasie M. Auger](#)

**IMPACTS OF CHRONIC EXPOSURES TO C60-STIR AND C60-0H NANOPARTICLES ON *DAPHNIA MAGNA*: RELATING GENE EXPRESSION AND MORTALITY AS A TOOL FOR FUTURE ENVIRONMENTAL IMPACT ASSESSMENTS.** [Bonnie J. Blalock](#)

**RME: EXPLORING THE UPPER BOUNDS OF UPPER-BOUND EXPOSURE PARAMETERS IN DETERMINISTIC HUMAN HEALTH RISK ASSESSMENTS.** [Diana Chin](#)

**ESTIMATING STAGE-SPECIFIC VITAL RATE RESPONSES TO STRESS WITHIN MIXED AGE POPULATIONS OF THE OPOSSUM SHRIMP *AMERICAMYSIS BAHIA* USING DIGITAL IMAGING.** [Doranne Borsay Horowitz](#)

**DEVELOPMENT OF DNA - FREE SEDIMENT FOR ECOLOGICAL ASSAYS WITH GENOMIC ENDPOINTS.** (unmanned) [Kay T. Ho](#)

**SPATIAL DISTRIBUTION OF TRICLOSAN IN SEDIMENTS AND WATER OF AN URBANIZED ESTUARINE EMBAYMENT.** [David Katz](#)

**MERCURY BIOACCUMULATION IN ELASMOBRANCHS.** [Nicholas Kutil](#)

**HABITAT EFFECTS ON MERCURY BIOACCUMULATION IN BLACK SEA BASS (*Centropristis striata*).** [Garrett LeBlanc](#)

**EFFECTS OF POLYBROMINATED DIPHENYL ETHER FLAME RETARDANTS ON CELL CYCLE PROGRESSION AND SURVIVAL IN MESENCHYMAL CELL LINES.** [Olivia Paquette](#)

**MONITORING ORGANIC CONTAMINANT FLUXES FOLLOWING DAM REMOVAL UTILIZING PASSIVE SAMPLER TECHNOLOGY.** [Monique Perron](#)

**ECOSYSTEM INDICATORS AND TOOLS IN THE GULF OF MAINE: AN INTERACTIVE POSTER.** [Christine M. Tilburg](#)

7:30 – 9:30 **BANQUET, with KEYNOTE SPEAKER, DR. KAREN KIDD**

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## **FRIDAY, JUNE 10**

8:00 Coffee and continental breakfast

**8:30 SESSION 5**  
**CONTAMINATED SOILS and SEDIMENTS** (Marguerite Pelletier, Session Chair)

8:35 (student) **MERCURY AND SELENIUM RELATIONSHIPS IN LOCAL FISHERIES.**  
[Nichole L. Ares](#)

8:55 **QUANTIFYING THE BIODEGRADATION POTENTIAL OF 8:2 FLUOROTELOMER MONOMERS IN SOIL.** [Laurel A. Royer](#)

9:15 **SORPTION OF AROMATIC AMINES TO SOILS AND SOIL MINERALS: IMPLICATIONS FOR THE FATE OF EMERGING CONTAMINANTS.** [Dharni Vasudevan](#)

9:35 **EVOLVED POLLUTION TOLERANCE IN THE ESTUARINE FISH, *Fundulus heteroclitus*.** [Diane Nacci](#)

9:55 **BREAK**

**10:15 SESSION 6**  
**INNOVATIONS IN ECOLOGICAL RISK ASSESSMENT AND GREEN CHEMISTRY** (Lisa McIntosh, Session Chair)

10:20 **APPLICATION OF MULTIPLE INDEX DEVELOPMENT APPROACHES TO BENTHIC INVERTEBRATE DATA FROM THE VIRGINIAN BIOGEOGRAPHIC PROVINCE.** [Marguerite C. Pelletier](#)

10:40 **BENTHIC COMMUNITY ASSESSMENT AND IMPROVEMENT IN THE BUFFALO RIVER, NY.** [Anne C. Daniel](#)

11:00 **CHEMICAL RANKING AND SCORING SYSTEMS AS GREEN CHEMISTRY TOOLS - APPLICATIONS AND CONSIDERATIONS.** [Kim Reynolds Reid](#)

11:20 **ENVIRONMENTAL RISK-BASED RANKING OF PRODUCT INGREDIENTS.** [Sagar Thakali](#)

11:40 **NAC SETAC Business Meeting**

12:15 **NAC SETAC Student Awards**

12:30 **ADJOURN MEETING**

1:00 **NAC SETAC Board Luncheon Meeting**

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