



# 11<sup>th</sup> Annual Earth Day Colloquium

Wednesday, April 9, 2014

Physics and Astronomy Building

## Schedule

<b>4:00 – 4:05</b> <b>NCB 114</b>	<b>Opening Ceremony</b>
<b>4:05 – 5:30</b> <b>NCB 114</b>	<b>Dr. Diane Orihel,</b> Freshwater Ecologist, University of Alberta Founder, <b>Coalition to Save the ELA (Experimental Lakes Area)</b> <b>Environmental Advocacy in a Political Tempest: Campaign</b> <b>to Save the Experimental Lakes Area</b>
<b>~ 5:30</b> <b>Grad Club</b>	<b>Pub Night</b>



# 11<sup>th</sup> Annual Earth Day Colloquium

Thursday, April 10, 2014

Physics and Astronomy Building

## Schedule

### Schedule at a Glance

**9:00** Greetings from the Centre for Environment and Sustainability  
**9:05** Invited Speaker 1  
**9:55** Concurrent Session 1  
**10:40** Break  
**10:50** Concurrent Session 2  
**11:35** Break  
**11:45** Invited Speaker 2

**12:45** Lunch  
**1:45** Concurrent Session 3  
**2:45** Break  
**2:55** Concurrent Session 4  
**3:40** Poster Session  
**4:05** Invited Speaker 3  
**4:50** Closing Ceremonies

### Detailed Schedule

<p><b>9:00 – 9:05</b>  <b>P&amp;AB 106</b></p>	<p><b>Greetings from the Centre for Environment and Sustainability</b></p>
<p><b>9:05 – 9:50</b>  <b>P&amp;AB 106</b></p>	<p><b>Barbara Macdonell and Melissa Raffoul</b>  Windsor Border Initiatives Implementation Group, OMT  <b>Ontario Ministry of Transportation and the Rt. Hon. Herb Gray</b>  <b>Parkway: Supporting Community and Ecological Sustainability</b></p>



# Session 1

## Concurrent Session 1a: P&AB 106

<b>TITLE: Climate Change</b>		<b>Moderator: Dr. Ian Colquhoun</b>
<b>Time</b>	<b>Presenting Author</b>	<b>Title</b>
9:55 – 10:10	Monica El Gamal	Facing up to unwanted truths: Educating people about their personal causal role in climate change can backfire
10:10 – 10:25	Andrea Boyer	Long-term effects of inclement weather on white-throated sparrows' ( <i>Zonotrichia albicollis</i> ) stress and behavioural response systems
10:25 – 10:40	Kayla Gradil	The adaptive capacity of thermal tolerance: Reintroduction of Atlantic salmon into Lake Ontario

## Concurrent Session 1b: P&AB 148

<b>TITLE: Environmental Degradation and Remediation</b>		<b>Moderator: Dr. Desmond Moser</b>
<b>Time</b>	<b>Presenting Author</b>	<b>Title</b>
9:55 – 10:10	Alfredo Martinez Iglesias	Adsorption of naphthenic acids on activated carbon
10:10 – 10:25	Todd Norris	Transport pathways and accumulation rates of plastic debris near Humber Bay, Lake Ontario
10:25 – 10:40		



10:40 – Break, P&AB Atrium

## Session 2

### Concurrent Session 2a: P&AB 106

<b>TITLE: Social Values and the Environment Moderator: Dr. Gillian Barker</b>		
<b>Time</b>	<b>Presenting Author</b>	<b>Title</b>
10:50 – 11:05	Kaitlin Kishxu	Responding to Change and Threat of Collapse
11:05 – 11:20	Jennifer McDonald	The Importance of Native Trees in London, Ontario
11:20 – 11:35	Paul Nicholson	Bridging the "Town and Gown" Gap in Avian Science

### Concurrent Session 2b: P&AB 148

<b>TITLE: Sustainable Design Moderator: Dr. Denis Carroll</b>		
<b>Time</b>	<b>Presenting Author</b>	<b>Title</b>
10:50 – 11:05	Elizabeth Wrona	Thermal Behaviour of an Experimental Green Roof in London, Ontario, Canada
11:05 – 11:20	Dimuth Kurukula	The daytime evaporative cooling performance of green roofs in London and Calgary
11:20 – 11:35	Maja Staniec	Daytime and night time surface temperatures of green and standard room



## 11:35 – Break, P&AB Atrium

<b>11:45 – 12:30</b> <b>P&amp;AB 106</b>	<b>Brenda Dolling</b> President, Whole Village Co-operative <b>Permaculture and Sustainable Living</b>
---	--

**12:45 – Lunch, Grad Club** (Located in Middlesex College)

## Session 3

### Concurrent Session 3a: P&AB 106

<b>TITLE: Species and Anthropogenic Impacts</b>		<b>Moderator: Dr. Greg Thorn</b>
<b>Time</b>	<b>Presenting Author</b>	<b>Title</b>
1:45 – 2:00	Toby Thorne	Bats and Wind-Power: An Issue on the Great Lakes
2:00 – 2:15	Julia R. Matheson	Toxic Tides: Examining the effects of ocean acidification and coastal eutrophication on the growth and toxicity of the marine raphidophyte <i>Heterosigma akashiwo</i> .
2:15 – 3:00	Magda Konopka	Pharmaceuticals change abundance of microorganisms in agricultural soils
2:30 – 2:45	Anshul Sidhu	Food preference of diamondback moth ( <i>Plutella xylostella</i> ) exposed to leaves of radish of different ages.



## Concurrent Session 3b: P&AB 148

<b>TITLE: Agricultural Impacts</b>		<b>Moderator: Dr. Patricia Corcoran</b>
<b>Time</b>	<b>Presenting Author</b>	<b>Title</b>
1:45 – 2:00	Alexandra Smofsky	Sustainability of agriculture through the growth and collapse of the ancient Maya settlement of Kante't'u'ul in the polity of Motul de San José
2:00 – 2:15	Yi An Lin	Can intercropping help ensure crop productivity and agricultural sustainability?
2:15 – 3:00	Elizabeth Hundey	Nitrate sources in alpine lakes: new insights from $\Delta^{17}\text{O}$ , $\delta^{18}\text{O}$ and $\delta^{15}\text{N}$
2:30 – 2:45	Jamie Lee Martin	Effect of Pesticides on Honey Bee Survivorship, Foraging and Immunocompetence

**2:45 – Break, P&AB Atrium**



## Session 4

### Concurrent Session 4a: P&AB 106

<b>TITLE: Speed Talks</b>		<b>Moderator: Dr. Sheila Macfie</b>
<b>Time</b>	<b>Presenting Author</b>	<b>Title</b>
2:55 – 3:00	Koosha Azhie	Cleaning Surfaces with Green Coatings
3:00 – 3:05	Cindy Ward	Motivation for Small and Medium Sized Businesses to Engage in Energy Reduction
3:05 – 3:10	Anne Wozney	Mercury-Dissolved Organic Carbon-Marine Silt Adsorption Kinetics: Implications for Open Pit Mine Dewatering, Hudson Bay Lowland, Canada
3:10 – 3:15	Jordan Detmers	Don't Buy Your Clothes at the Mall
3:15 – 3:20	Monica El Gamal	What do people mean by going green? Understanding lay perceptions of pro-environmental action
3:20 – 3:25	Kaylin Liznick	Background and Benthic Mercury in Lake Erie: Toward Identifying the Cause of Recent Increases in Fish Mercury
3:20 – 3:40	Questions	

## Concurrent Session 4b: P&AB 148



<b>TITLE: Policy and Community</b>		<b>Moderator: Dr. Melanie Columbus</b>
<b>Time</b>	<b>Presenting Author</b>	<b>Title</b>
2:55 – 3:10	Hanan Mohamed	Healthy, Resilient and Multicultural Water-centered Communities: A Sustainability-based planning framework
3:10 – 3:25	Cole Atlin	Environmental Decision-Making, Deep Values and the Potential for Consensus Building in Environmental Assessments in Canada
3:25 – 3:40	Katrina Laurent	Is the imagination stronger than knowledge? How stories can inform and support natural resource management for the Great Lakes-St. Lawrence River basin.

<b>3:40 – 4:05</b> <b>P&amp;AB Atrium</b>	<b>Poster Session</b> (posters also on display throughout the day)
<b>4:05 – 4:50</b> <b>P&amp;AB 106</b>	<b>Invited Speaker 3</b>
<b>4:50 – 5:00</b> <b>P&amp;AB 106</b>	<b>Closing Ceremonies</b>



