

## PROGRAM AT A GLANCE (April 4<sup>th</sup>, KCI-104)

---

### 10:00: Welcoming remarks:

Wade MacLauchlan, *President*  
Brian Wagner, *AVP Graduate Studies*  
Christian Lacroix, *Dean of Science*

### 10:15: Keynote speaker introduction & talk:

Sunny Hartwig (*AVC-UPEI*):  
*Understanding Kidney Stem Cells and Disease*

### 10:55 Coffee break

### 11:15 Student oral presentations

Clayton D'Orsay  
Iskandar Saada  
Kevin Sorochan  
Edward Cross  
Guru Selvaraj

### 12:30 Light lunch and Poster session

#### Student poster presentations

Evans Monyoncho  
Mitchell MacMillan  
Evan Owen  
Tyler Pickering  
Mitchell Perry  
Kyle Knysh  
Mark Robbins  
Sarah Sparks  
Annie Laderoute  
MD Shafiullah

#### Invited poster presentations

Karen Thorpe  
Jennifer Slemmer

### 13:30 Awards to best presentations

---

## ORAL PRESENTATIONS

Abstracts available online

([www.upei.ca/science/graduate-studies](http://www.upei.ca/science/graduate-studies))

**Clayton D'Orsay:** Pasture management and grazing intensity and beetle species richness and abundance on a managed Nova Scotia dairy pasture activity.  
Co-authors: Donna Giberson (Biology), David McCorquodale (Biology-U Cape Breton)

**Iskandar Saada:** Novel nanocomposite materials for lithium-ion polymer batteries.  
Co-authors: Rabin Bissessur (Chemistry), Douglas Dahn (Physics)

**Kevin Sorochan:** Stage-specific abundance and horizontal distribution of Dungeness crab (*Cancer magister*) larvae in an inland sea.  
Co-author: Pedro Quijon (Biology)

**Edward Cross:** Stereocontrolled synthesis of polymer brushes based on poly (lactones).  
Co-author: Michael Shaver (Chemistry)

**Guru Selvaraj:** Paving the way for the functional characterization of Flax Lignan biosynthetic genes.  
Co-authors: Marva Sweeney-Nixon (Biology), Bourlaye Fofana (Agriculture & Agri-Food Canada)

## POSTER PRESENTATIONS

Abstracts available online

([www.upei.ca/science/graduate-studies](http://www.upei.ca/science/graduate-studies))

**Evans Monyoncho:** Nanocomposite Materials Based on layered structures for green energy.  
Co-authors: Iskandar Saada, Rabin Bissessur (Chemistry), Douglas Dahn (Physics)

**Mitchell MacMillan:** Stranded seaweeds and their influence on sandy beach invertebrates.  
Co-Authors: Megan Tesch, Pedro Quijon (Biology)

## POSTER PRESENTATIONS

Abstracts available online

([www.upei.ca/science/graduate-studies](http://www.upei.ca/science/graduate-studies))

**Evan Owen:** Fluorescence studies for an early detection method for mastitis in cows.  
Co-authors: Brian Wagner (Chemistry), William Whelan (Physics)

**Tyler Pickering:** Prey preferences of the European green crab (*Carcinus maenas*) among three commercial bivalves in Prince Edward Island.  
Co-authors: Luke Poirier, Pedro Quijon (Biology)

**Mitchell Perry:** Bis(imino) Pyridyl Catalysts for Vinyl Ester Polymerization.  
Co-author: Michael Shaver (Chemistry)

**Kyle Knysh:** Aquatic invertebrate diversity within cold springs of eastern Prince Edward Island, Canada, with special reference to agricultural land use impacts. Co-authors: Donna Giberson, Michael van den Huevel (Biology)

**Mark Robbins:** Alterations in behavior and neurochemistry in adult rats following neonatal domoic acid treatment. Co-authors: Cathy Ryan (Psychology), Tracy Doucette (Biology)

**Sarah Sparks:** Changes in children's lunch time nutrient intakes after three years of school nutrition policy implementation. Co-authors: Jennifer Taylor, Paul Veugelers, Christina Tucker, Deborah MacLellan (Family and Nutritional Sciences)

**Annie Laderoute:** Optoacoustic Detection of laser heated *ex-vivo* bovine liver. Co-authors: Michelle Patterson, William Whelan (Physics)

**Md. Shafiullah:** Comparative gene expression patterns in aerial and aquatic forms of *Myriophyllum aquaticum*. Co-author: Christian Lacroix (Biology)

**INVITED  
POSTER PRESENTATIONS**

Abstracts available online

([www.upei.ca/science/graduate-studies](http://www.upei.ca/science/graduate-studies))

**Karen Thorpe:** Differential sensitivity to an anti-androgen affects fish population dynamics.

*Dr Thorpe is a Post-doctoral Associate in the Department of Biology*

**Jennifer Slemmer:** Enzymatically-digested cranberries and wild blueberries alter cytoprotective glutathione mechanisms in differentiated intestinal Caco-2 cells. Co-authors: J Livingston-Thomas (AVC), K Gottschall-Pass (FNS), M Sweeney-Nixon (Biology).

*Dr Slemmer is a Post-Doctoral Associate in the Department of Family and Nutritional Sciences*



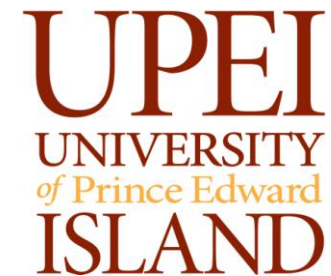
**Thank you for attending and participating in  
the 2011 Graduate Studies Day**

*Science Graduate Studies Committee*

(Photo credits: K-L Atkinson, D Cameron, M MacMillan)

**2011 SCIENCE  
GRADUATE STUDIES DAY**

**PROGRAM**



---

**JOIN US TO CELEBRATE OUR  
STUDENT'S RESEARCH**

**SCIENCE GRADUATE STUDIES  
COMMITTEE**