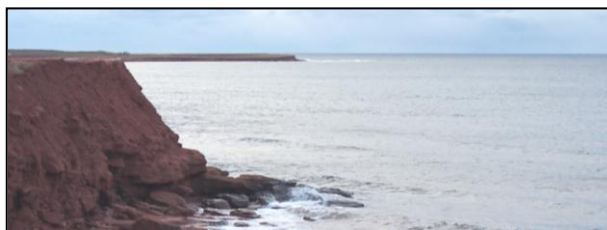


## PROGRAM AT A GLANCE (April 6, KCI-104)

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- 9:00: Welcoming remarks:**  
Dr Christian Lacroix, Dean of Science  
Dr Brian Wagner, AVP Grad. Studies
- 9:15: Keynote speaker introduction & talk:**  
Dr John Vanleeuwen (AVC-UPEI):  
Epidemiological investigations: Finding answers to real world health questions close and not so close to home
- 9:55 Coffee break**
- 10:15 Welcoming remarks:**  
President Wade MacLauchlan
- 10:30 First session**  
10:30: Douglas Marchbank  
10:45: Meghan Marriot  
11:00: Iskandar Saada  
11:15: Tyler Pickering  
11:30: Shawn MacDougall  
11:45: Bob Deziel
- 12:00 Light lunch and refreshments (KCI-128)**
- 13:00 Second session**  
13:00: Evans Monyoncho  
13:15: Mitchell MacMillan  
13:30: Simon Berger  
13:45: Meghan Smith  
14:00: Adam Proud
- 14:15 Closing remarks and awards to best student presentations**



## PRESENTATIONS Full abstracts available online ([www.upei.ca/science/graduate-studies](http://www.upei.ca/science/graduate-studies))

- 10:30 Doug Marchbank (Natural products):**  
Synthesis of a library of novel fuscoidin analogues and screening for selective anti-inflammatory activity. Supervisor: Dr Russ Kerr (Chemistry), Collaborator: Dr Fabrice Berrue, NRC.
- 10:45: Meghan Marriot (Insect biodiversity):**  
Maritime lady beetles, insect collections, and the story they have to tell. Supervisor: Dr Donna Giberson (Biology).
- 11:00: Iskandar Saada (Nanocomposites):**  
Novel nanocomposites for lithium ion batteries. Supervisor: Dr Rabin Bissessur (Chemistry)
- 11:15: Tyler Pickering (Shellfish ecology):**  
Invasive green crabs: A new shellfish predator to Prince Edward Island shorelines. Supervisor: Dr Pedro Quijon (Biology).
- 11:30: Shawn MacDougall (Trace analysis):**  
Fluorescence-based trace detection of pesticides using supramolecular hosts, UV photolysis, and synchronous scanning Supervisor: Dr Brian Wagner (Chemistry)
- 11:45: Bob Deziel (Cancer cell biology):**  
The effects of cranberry phytochemicals on the behaviour of human prostate cancer cells in vitro". Supervisors: Dr Robert Hurta (Biology) & Dr Katherine Gottschall-Pass (FNS). Collaborator: Dr Catherine Neto (U Massachusetts - Dartmouth).



## PRESENTATIONS Full abstracts available online ([www.upei.ca/science/graduate-studies](http://www.upei.ca/science/graduate-studies))

- 13:00: Evans Monyoncho (Nanocomposites):**  
The Search for Renewable Energy: Research and role of Lithium rechargeable battery towards sustainable green energy. Supervisor: Dr Rabin Bissessur (Chemistry)
- 13:15: Mitchell MacMillan (Coastal ecology):**  
Sandy beach ecology: the effects of erosion rate and beach type on invertebrate community structure. Supervisor: Dr Pedro Quijon (Biology)
- 13:30: Simon Berger (Marine natural products):**  
Drug Discovery from Psychrophilic and Psychrotolerant bacteria from Malpeque Bay. Supervisor: Dr Russ Kerr, Collaborators: Dr B. Haltli and Dr Fabrice Berrue (NRC).
- 13:45: Meghan Smith (Neurosciences):**  
The development of prepulse inhibition deficits in rats treated neonatally with domoic acid, and the effect of Haloperidol Supervisor: Dr Tracy Doucette (Biology).
- 14:00: Adam Proud (Computational chemistry):**  
The Origins of the Secondary Coulomb Hole Supervisor: Dr Jason Pearson (Chemistry).
- 14:15 Closing remarks and awards to best student presentations**





**In 2000, the Faculty of Science's Master Program was approved and enrolled its first students. Ten years after, it is a well established Program that continues to grow in faculty involvement, and student enrollment.**

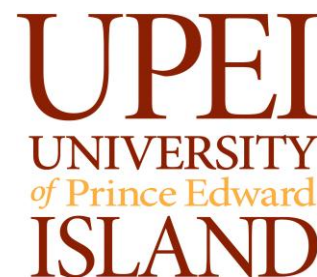


**Thank you for attending and participating in the 2010 Science Graduate Studies Day.**

*Science Graduate Studies Committee*

## **2010 SCIENCE GRADUATE STUDIES DAY**

# **PROGRAM**



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

**SCIENCE GRADUATE STUDIES  
COMMITTEE**