

# Collaborative Program in Neuroscience (CPIN)

## University of Toronto

Newsletter – Vol. 34, No. 4 – December 2017

### Featured In This Issue

**Congratulations CPIN Graduating Students** Please see page 3 for details.

**News – CPIN Faculty Members** Congratulations to **Dr. Molly Shoichet** (University Professor, Departments of Chemical Engineering and Applied Chemistry, Chemistry, the Institute of Biomaterials & Biomedical Engineering and the Institute of Medical Science) on her recent appointment as Ontario's first-ever Chief Scientist. Please see page 2 for details.

**News – CPIN Trainees** Congratulations to CPIN student member **Jasmine Carter** (Pharmacology & Toxicology, Supervisors Dr. Walter Swardfager and Dr. Paul Oh) on recently completing the CPIN requirements. Please see page 2 for details.

**Neuroscience Opportunities** Please see page 4 for details.

**Happy Holidays** CPIN would like to wish all members a happy holiday season.

### 2017-18 CPIN Distinguished Lectureship Series

<http://www.neuroscience.utoronto.ca/events/lectureship.htm>

#### CPIN Faculty Distinguished Lecture



Speaker | **Dr. Roger S. McIntyre**, Professor, Psychiatry, Pharmacology & Toxicology and the Institute of Medical Science, U of T; Executive Director, Brain and Cognition Discovery Foundation (BCDF), Toronto; Director, Depression and Bipolar Support Alliance (DBSA), Chicago, USA; Head, Mood Disorders Psychopharmacology Unit

Title | How does obesity metastasize to the brain?

Date and Time | **Tuesday, December 5, 2017, 4:00 pm**

Location | 610 Auditorium, Health Sciences Building, 155 College St., U of T

Host | Danny Pan, CPIN MSc student, Institute of Medical Science



Speaker | **Dr. Cory Miller**, Associate Professor, Department of Psychology, University California, San Diego

Title | *Neurobiology of Marmoset 'Conversations'*

Date and Time | **Wednesday, December 6, 2017, 12:15 pm**

Location | Rm. 1071, Sidney Smith Hall, 100 St. George Street, U of T (*Please note that this lecture room location will accommodate up to 101 people*)

Host | Dr. Amy Finn, Assistant Professor, Department of Psychology, U of T

Co-sponsor | Department of Psychology Ebbinghaus Empire Series, U of T



Speaker | **Dr. Kees van Heeringen**, Professor and Chair, Department of Psychiatry and Medical Psychology, and Director, Unit for Suicide Research, Ghent University, Belgium

Title | *Suicidal brains: structural and functional changes and their role in suicide risk and prevention*

Date and Time | **Wednesday, January 31, 2018, 4:00 pm**

Location | Li Ka Shing Knowledge Institute, 209 Victoria Street, 2nd Floor, Room 209-Allan Waters Family Auditorium

Host & Co-sponsor | Arthur Sommer Rotenberg Suicide and Depression Studies Program, St. Michael's Hospital, U of T

#### CPIN Newsletter

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Lead Faculty  
Faculty of Medicine

#### CPIN Participating Units

Applied Psychology &  
Human Development  
Biochemistry  
Biomaterials & Biomedical  
Engineering  
Cell & Systems Biology  
Computer Science  
Dentistry  
Laboratory Medicine &  
Pathobiology  
Medical Biophysics  
Medical Science  
Music  
Pharmaceutical Sciences  
Pharmacology & Toxicology  
Physiology  
Psychology  
Public Health  
Rehabilitation Science

#### Contributors:

Heart & Stroke/Richard  
Lewar Centre of Excellence in  
Cardiovascular Research

Human Biology Program  
Krembil Research Institute  
St. Michael's Neuroscience  
Research Program

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### News - CPIN Faculty Members

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[http://www.neuroscience.utoronto.ca/communications/news\\_cpín\\_faculty\\_members.htm](http://www.neuroscience.utoronto.ca/communications/news_cpín_faculty_members.htm)



*(Photo Credit: Brigitte Lacombe)*

Congratulations to **Dr. Molly Shoichet** (University Professor, Departments of Chemical Engineering and Applied Chemistry, Chemistry, the Institute of Biomaterials & Biomedical Engineering and the Institute of Medical Science) on her recent appointment as Ontario's first-ever Chief Scientist.

**Link to UofT News story:**

<https://www.utoronto.ca/news/molly-shoichet-named-ontario-s-first-chief-scientist>

Dr. Shoichet holds the Tier 1 Canada Research Chair in Tissue Engineering at the University of Toronto. She has published over 575 papers, patents and abstracts and has given over 350 lectures worldwide. She currently leads a laboratory of 32 and has graduated 157 researchers. Her research is focused on drug and cell delivery strategies in the central nervous system (brain, spinal cord, retina) and 3D hydrogel culture systems to model cancer. Dr. Shoichet co-founded three spin-off companies, is actively engaged in translational research and science outreach. Dr. Shoichet is the recipient of many prestigious distinctions and the only person to be a Fellow of Canada's 3 National Academies of: Sciences of the Royal Society of Canada, Engineering, and Health Sciences.

Dr. Shoichet was the L'Oreal-UNESCO For Women in Science Laureate for North America in 2015, elected Foreign Member of the US National Academy of Engineering in 2016, and won the Killam Prize in Engineering in 2017. She holds the Order of Ontario, Ontario's highest honour, and the QEII Diamond Jubilee Award. In 2014, Dr. Shoichet was given the University of Toronto's highest distinction, University Professor, a distinction held by less than 2% of the faculty. Dr. Shoichet currently serves as an Associate Editor of Biomacromolecules in addition to serving on the editorial board of several other journals. Dr. Shoichet received her SB from the Massachusetts Institute of Technology (1987) and her PhD from the University of Massachusetts, Amherst in Polymer Science and Engineering (1992).

### News - CPIN Trainees

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[http://www.neuroscience.utoronto.ca/communications/news\\_cpín\\_students.htm](http://www.neuroscience.utoronto.ca/communications/news_cpín_students.htm)



Congratulations to CPIN student member **Jasmine Carter** (Pharmacology & Toxicology, Supervisors Dr. Walter Swardfager and Dr. Paul Oh) on recently completing the CPIN requirements and graduating from her MSc program.

Jasmine's MSc study investigated the relationships between exercise, mood and cognition in people with type 2 diabetes. Jasmine has studied the psychometric properties of the Center for Epidemiological Studies

Depression scale in type 2 diabetes, and she is now evaluating the clinical importance of its sub-domains, including anhedonia, in an exercise-based rehabilitation program. Anhedonia is a symptom of depression, which affects decision making about self-care behaviours and motivation to exercise. With exercise being the next frontier in type 2 diabetes management, it is important to predict and improve adherence. Jasmine co-authored two papers (Carter and Swardfager, *Neuropsychendocrinology*, 2016) and (Carter et al., *Journal of Psychosomatic Medicine*, 2016).

Jasmine served as the Interdepartmental and External Representative for the Pharmacology Graduate Student Association, was a rower on the University of Toronto Rowing Team and a Graduate Life Sciences and Education Mentor. Jasmine was funded by University of Toronto Fellowships, a Toronto Rehabilitation Institute Award, and a Dr. Bernard Lau Scholarship. She hopes to continue in research.

## Congratulations CPIN Graduating Students

Last Name	First Name	Home Unit	Degree	Supervisor
Allemang-Grand	Rylan	MBP	PhD	Dr. Jason Lerch
Beth Kowaleski	Julia	MUS	MA	Dr. Michael Thaut
Burke	Charles	IMS	MSc	Dr. Carmela Tartaglia
Cheng	Wei-Chin (Zoey)	IMS	PhD	Dr. Shun Wong
Cox	Elizabeth	PSY	MA	Dr. Donald Mabbott
Da Silva	Susana	IMS	MSc	Dr. George Foussias
Garzon	Luisa	REHSC	MSc	Dr. Darcy Fehlings
Lam	Vincent	PCL	PhD	Dr. Ali Salahpour
Li	Feiya	PSL	MSc	Dr. Hong-Shuo Sun
Lishak	Victoria	APHD	PhD	Dr. Katreena Scott & Dr. Kang Lee
Mackinnon	Chelsea	MUS	MA	Dr. Michael Thaut
Marano	Maria	IMS	MSc	Dr. Anurag Tandon
Mielnik	Catharine	PCL	PhD	Dr. Amy Ramsey
Misquitta	Karen	IMS	MSc	Dr. Carmela Tartaglia
Nusrat	Labeeba	REHSC	MSc	Dr. Cindi Morshead
Peters	Sarah	IMS	MSc	Dr. Jonathan Downar
Richards	Michael	IMS	PhD	Dr. Agnes Wong
Sama	Marco	PSY	MA	Dr. Jonathan Cant
Sato	Julie	PSY	MA	Dr. Margot Taylor
Taghdiri	Foad	IMS	MSc	Dr. Carmela Tartaglia
Underwood	Emily	IMS	MSc	Dr. Mary C. Tierney
Weber-Adrian	Danielle	LMP	PhD	Dr. Isabelle Aubert

## Upcoming Events

### **U of T Neuroscience Seminars**

<http://neuroscience.utoronto.ca/events/seminar.htm>

### **Conferences and Meetings**

[http://neuroscience.utoronto.ca/events/Conf\\_M.htm](http://neuroscience.utoronto.ca/events/Conf_M.htm)

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## Neuroscience Opportunities

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[http://www.neuroscience.utoronto.ca/communications/Positions\\_Available.htm](http://www.neuroscience.utoronto.ca/communications/Positions_Available.htm)

### Research Associate Position

**Sunnybrook Research Institute, Toronto, ON, Canada**

**Description:** Sunnybrook Research Institute is looking for a Research Associate who has a research background in human studies of neurodegenerative disorders. The focus of the position will be on research examining sex differences in neurodegeneration, e.g., Alzheimer's disease, and will be located at Sunnybrook Health Sciences Centre. Applications should be submitted electronically and should include a cover letter describing how the candidate's background and qualifications meet those described above for the position and complete Curriculum Vitae.

The Sunnybrook Research Institute is committed to providing accessible employment practices that are in compliance with the Accessibility for Ontarians with Disabilities Act ('AODA'). If you require accommodation for disability during any stage of the recruitment process, please indicate this in your cover letter. We thank all applicants for their interest but only candidates short-listed for interview will be contacted.

**For further information, please see the position attachment at the link below:**

[http://www.neuroscience.utoronto.ca/communications/Positions\\_Available.htm](http://www.neuroscience.utoronto.ca/communications/Positions_Available.htm)

### Other Neuroscience Positions

#### Full or part time Technician Position

**University of Toronto, Toronto, ON, Canada**

**Description:** Bachelor or M.Sc. of Science degree in molecular biology, biochemistry, genetics, pharmacology, or pharmaceutical sciences, plus at least 1 year experience working in a laboratory, including work with mice or rats. Duties include ordering reagents, conducting protein assays, western blots, and immunohistochemical analyses.

**Please contact Dr. David R. Hampson at [d.hampson@utoronto.ca](mailto:d.hampson@utoronto.ca) and place "CPIN job" in subject heading.**

## Reminders

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**Follow CPIN on social media:** CPIN faculty and trainee members are welcome to follow us at the following links:

Facebook: <https://www.facebook.com/Collaborative-Program-in-Neuroscience-212564644049/>

LinkedIn: <https://ca.linkedin.com/in/cpinuoft>

Twitter: [https://twitter.com/CPIN\\_UofT](https://twitter.com/CPIN_UofT)

**Volunteer Opportunity at the 2018 Toronto Brain Bee** CPIN Faculty and trainee members are invited to volunteer at the 20th Annual Toronto Brain Bee that will be held on Thursday, April 12, 2018 at the University of Toronto. Please fill out the online volunteer form at <http://www.neuroscience.utoronto.ca/events/brainbee.htm>

**CPIN Student Completion Form** CPIN graduate students who have completed both their home department and CPIN trainee requirements must fill in the online completion form located at the link below:

[http://www.neuroscience.utoronto.ca/students/cpin\\_student\\_completion\\_form.htm](http://www.neuroscience.utoronto.ca/students/cpin_student_completion_form.htm)

**Submissions for News Updates** The CPIN Office requests trainee and faculty members to submit updates in research discoveries, events, and other achievements involving CPIN members. Please send your submissions to [p.neuroscience@utoronto.ca](mailto:p.neuroscience@utoronto.ca)

**Faculty Profile Update** The CPIN Office is looking to update the CPIN faculty member profiles on the website: <http://www.neuroscience.utoronto.ca/faculty/list.htm> If you wish to add or update your profile on the CPIN website, please contact the CPIN Office at [p.neuroscience@utoronto.ca](mailto:p.neuroscience@utoronto.ca).