

Collaborative Program in Neuroscience (CPIN) University of Toronto

Newsletter – Vol. 29, No. 8 – October 2013

Announcements

CPIN Welcomes New Program Sponsor St. Michael's Hospital CPIN is delighted to welcome the St. Michael's Neuroscience Research Program as a new sponsor. The program is led by Director and Scientist Dr. Tom Schweizer. The St. Michael's Neuroscience Research Program is built upon well-established, clinical excellence in the areas of stroke, neurotrauma, multiple sclerosis and other neurodegenerative diseases. The program at St. Michael's brings together a unique group of nationally and internationally renowned neuroscientists. By mobilizing researchers in the areas of fundamental neurobiology, neuroimaging, clinical trials and knowledge translation, the Neuroscience Research Program works to unravel the mysteries of the brain and brain health. The St. Michael's Neuroscience Research Program was a sponsor for the 2013 CPIN Research Day. For more information, see: <http://www.stmichaelshospital.com/neuroscience/> and follow them on Twitter @StMikesNeuroSci.

CPIN Welcomes New Faculty Members Jonathan Cant (Department of Psychology) and Ian Lancashire (Department of English).

Congratulations CPIN Graduates Congratulations to the 8 students who completed the CPIN program over the past month. See page 3 for details.

Welcome New CPIN Students CPIN is pleased to welcome 30 new students to the program. See page 3 for details. There are currently 207 CPIN students in the program. Program requirements can be found on the CPIN Website: <http://www.neuroscience.utoronto.ca/students2013/requirements2010.htm>

My Virtual Dream At Nuit Blanche 2013, Baycrest and the University of Toronto showed the world the exciting possibilities of combining science, technology and art in a way that could revolutionize the way we study and understand the human brain. A volunteer force of nearly 160 people, including 46 and 64 members of the Baycrest and U of T communities, respectively, (many of them CPIN students) made the event a reality. The My Virtual Dream installation drew more than 1,600 spectators during a 12-hour period, showcasing the incredible power of the Virtual Brain technology being developed at the Rotman Research Institute, Baycrest. For more information, visit: myvirtualdream.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 update your profile, please check the information on your CPIN faculty page, and send any updates or changes to p.neuroscience@utoronto.ca at your earliest convenience.

Graduate Student Achievements The CPIN Office is looking to update graduate student records to include awards and publications. Please submit a list of awards you have received and any publications you have had while enrolled in CPIN to p.neuroscience@utoronto.ca at your earliest convenience.

Graduate Student Feature CPIN Graduate Student Sonia Sugumar (home department: Physiology; Supervisor: Peter Carlen, TWRI) has been featured in a U of T News article by Erin Howe, entitled "Unlocking the mysteries of hypoglycemic seizures". See "CPIN Student News" on page 2 for an excerpt from the article. To read the full article, visit: <http://www.news.utoronto.ca/unlocking-mysteries-hypoglycemic-seizures>

Neuroscience News

The Nobel Prize in Physiology or Medicine 2013 The 2013 Nobel Prize in Physiology or Medicine has been awarded jointly to James E. Rothman, Randy W. Schekman and Thomas C. Südhof for their discoveries of machinery regulating vesicle traffic, a major transport system in our cells. For more information, visit: http://www.nobelprize.org/nobel_prizes/medicine/laureates/2013/press.html

<http://neuroscience.utoronto.ca/communications/newsletter.htm>

CPIN Newsletter

Zhong-Ping Feng
Director
CPIN
Graduate Studies

Elissa Caccavella
Administrator
CPIN Office

Katie Ferguson
Vladislav Sekulić
Communications
CPIN Graduate Executives

CPIN Office
p.neuroscience@utoronto.ca

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
Rehabilitation Science

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Upcoming Events

CPIN Special Lecture (<http://www.neuroscience.utoronto.ca/events/lectureship.htm>)



Speaker | **Dr. Donald T. Stuss**, President, Ontario Brain Institute
Title | *Neuroscience with Impact: Basic to Clinical Science through the Ontario Brain Institute*
Date | Tuesday, October 15, 2013
Time | 4:00 pm
Location | Room 103, FitzGerald Building (150 College St.)
Host | Dr. Zhong-Ping Feng, Director, CPIN & Associate Professor, Department of Physiology
Group discussion to follow in MS 3231 from 5:10-6:00 pm

CPIN Distinguished Lectureship Series 2013-2014 (<http://www.neuroscience.utoronto.ca/events/lectureship.htm>)



Speaker | **Dr. Cecilia Giulivi**, Professor of Biochemistry, Department of Molecular Biosciences, University of California at Davis, CA
Title | *Role of environmental exposures in mitochondrial dysfunction and autism*
Date | Friday, November 1, 2013
Time | 9:30 am
Location | Room PB150, Pharmacy Building, 144 College St., Leslie Dan Faculty of Pharmacy
Host | David R. Hampson, Professor, Department of Pharmaceutical Sciences
Co-Sponsor | Department of Pharmaceutical Sciences

CPIN – Neurotalk (<http://www.neuroscience.utoronto.ca/events/Neurotalk.htm>)

"Optogenetics" - 5:30PM, October 16th, 2013; Upstairs at the GSU Pub (16 Bancroft Av.)
Jimmy Fraigne, PhD (Peever lab) Department of Cell and Systems Biology, University of Toronto
Vivek Mahadevan, MSc (Woodin lab) Department of Cell and Systems Biology, University of Toronto

CPIN Cortex Club For more information, visit: <http://www.neuroscience.utoronto.ca/events/cortexclub.htm>

U of T Neuroscience Seminars For more information, visit: <http://neuroscience.utoronto.ca/events/seminar.htm>

Conferences and Meetings For more information, visit: http://neuroscience.utoronto.ca/events/Conf_M.htm

CPIN Student News



Article Excerpt: "Sugumar is completing a master's degree in physiology through the University of Toronto's Collaborative Program in Neuroscience, which includes graduate students from 15 departments in six faculties at U of T. "[The program] really helps bring us all together," says Dr. Peter L. Carlen, Sugumar's supervisor, and a professor in the Faculty of Medicine's Departments of Medicine (Neurology) and Physiology. "We've got an enormous reservoir of neuroscience talent across the university, and we need something to pull us together and this program does it." Sugumar is involved in another project within Carlen's lab, and is exploring the ways low blood glucose levels can affect electrical activity within the brain to cause hypoglycemic seizures, which can be the result of an insulin overdose in people with diabetes. U of T Medicine's Brain Health and Neuroscience Network spans nine hospitals, 250 scientists and includes \$98-million in research funding." (Erin Howe, U of T News; photo courtesy of the Faculty of Medicine)

Reminders

Call for Logos For the opportunity to have your artwork represent the Collaborative Program in Neuroscience at the University of Toronto, please submit your CPIN logo to p.neuroscience@utoronto.ca. For appropriate quality and scalability, vector based figures are preferred.

Funding and Sponsorship CPIN is continuously looking for new sources of funding and sponsorship. Please contact us at p.neuroscience@utoronto.ca with ideas or suggestions.

<http://neuroscience.utoronto.ca/communications/newsletter.htm>

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Congratulations CPIN Graduates

Last Name	First Name	Department	Program	Supervisor
Abbasalipour Kabirrah	Parvaneh	IMS	MSc	Karen Gordon
Augustinavicius	Jura	CSB	MSc	Colin Shapiro
Bond	Hilary	CSB	MSc	Leslie Buck
Domi	Trish	IMS	PhD	Gabrielle deVeber
Dukoff	David	CSB	MSc	Leslie Buck
Husain	Sabah	IMS	MSc	Cathy Barr
Man	Vincent	PSY	MA	William Cunningham
Shaw	Mark	PSY	MA	Susanne Ferber

Welcome New CPIN Students

Last Name	First Name	Department	Program	Supervisor
Alhadid	Kenda	IMS	MSc	Taufik Valiante
Balo	Aidin	BCM	MSc	Oliver Ernst
Bodalia	Ankur	PSL	PhD	Lu-Yang Wang
Brethour	Dylan	LMP	MSc	Gerold Schmitt-Ulms
Chen	Yuxiao	PCL	PhD	Amy Ramsey
Cheng	Joshua	IMS	MSc	Karen Davis
Dojo Soeandy	Chesarahmia	PHM	MSc	Jeffrey Henderson
Dong	Nancy	PSL	MSc	Zhong-Ping Feng
Dunlop	Katharine	IMS	MSc	Jonathan Downar
Elliott	Brittany	PSL	MSc	Elise Stanley
Gao	Andrew	LMP	MSc	Lili-Naz Hazrati
Garand	Danielle	CSB	MSc	Melanie Woodin
Ghahremani	Ayda	IMS	PhD	Robert Chen
Guet-McCreight	Alexandre	PSL	MSc	Frances Skinner
Hemington	Kasey	IMS	PhD	Karen Davis
Jawa	Natasha	IMS	MSc	Andres Lozano
Joseph	Michael	PSL	MSc	Lyanne Schlichter
Lowe	Matthew	PSY	MA	Jonathan Cant
Mah	Katherine	REHSC	PhD	Michelle Keightley
Mapplebeck	Josiane	PSL	MSc	Michael Salter
McCutcheon	Victoria	IMS	MSc	Andrew Baker
Miles	Amy	IMS	MSc	Allan Kaplan
Peragine	Diana	PSY	MA	Melissa Holmes
Ramzan	Firyal	PSY	MA	Ashley Monks
Richards	Michael	IMS	PhD	Agnes Wong
Sun	Sol	PSY	MA	Susanne Ferber
Takkala	Petri	IMS	PhD	Steven Prescott
Ting	Windsor	IMS	MSc	Michael Cusimano
Vesely	Kristin	IMS	MSc	Tom Schweizer
Yalnizyan-Carson	Annik	CSB	MSc	Melanie Woodin

Welcome New CPIN Postdoctoral Fellows

Last Name	First Name	Institution	Supervisor
Chen	Wenliang	University of Toronto, Physiology	Hong-Shuo Sun
van der Plas	Ellen	Hospital for Sick Children	Russell Schachar