

Collaborative Program in Neuroscience (CPIN)

University of Toronto

Newsletter – Vol. 30, No. 5 – May 2014

Announcements

Congratulations CPIN Graduates Congratulations to the students who have recently completed the CPIN program. Please see below for details.

Welcomes New Faculty Members Dr. Julie Lefebvre (Hospital for Sick Children), Dr. Joyce Chen (Graduate Department of Rehabilitation Science) and Dr. Sally Lindsay (Graduate Department of Rehabilitation Science).

Welcomes New Postdoctoral Fellow Members Diana Parvinchi (Schachar lab, Hospital for Sick Children), Noufissa Kabli (Ross lab, Pharmacology & Toxicology), Nasim Vashi (Vincent lab, CAMH), Chandrika Senthikumar (Tandon lab, IMS), Sherri Thiele (Lozano lab, TWRI/UHN), Jacqueline Gleave (Nash lab, CSB), David Ehrlich (Josselyn lab, Physiology) and Amandeep Mann (Lozano lab, TWRI/UHN).

CPIN Graduate Executive Committee Elections The CPIN graduate executive committee will be holding elections at 5:00 pm on Thursday, June 5, 2014, at the **GSU pub** (upstairs) at 16 Bancroft Avenue. All CPIN students are encouraged to attend the elections and those wishing to become members of the CPIN Graduate Executive Committee will each be given time (approximately one minute) to deliver a mini campaign speech. All current CPIN students will then be invited to vote for their chosen representatives. The outcome of the vote will be announced during the **CPIN Mixer** to follow the elections. For more details and the list of duties, please visit: <http://www.neuroscience.utoronto.ca/aboutus/GScommittees.htm>

CPIN Mixer The CPIN Graduate Executives are hosting a Mixer at 5:30 pm following the elections on **Thursday, June 5, 2014**. The event aims to foster collaborations and productive discussions between graduate students specializing in neuroscience but spread across many departments all over the campus. The Executives would like to welcome all CPIN students, postdocs and like-minded people to kick back with a drink, some free food at the GSU Pub (upstairs) at 16 Bancroft Avenue. For further details, please visit: <http://www.neuroscience.utoronto.ca/aboutus/GScommittees.htm>

Trainee Record Updates The CPIN Office is currently updating its records & requests that all CPIN students & postdoctoral fellows provide information pertaining to awards, publications & other achievements on the online form at the link below. We would appreciate if you can submit the form by **Friday, May 30, 2014**. The form can be found at: http://www.neuroscience.utoronto.ca/students/Trainee_Awards_and_Publications_Form.htm Please contact p.neuroscience@utoronto.ca if you have any questions.

Call for CPIN 2014-2015 Distinguished Lecturer Nominations CPIN trainee & faculty members are welcome to nominate potential speakers for the 2014-2015 Distinguished Lectureship Series. The nominations will be reviewed by the CPIN Executive Committee for approval. Your participation is important and would be greatly appreciated. Please follow the specific instructions that were recently sent by e-mail to CPIN members and send your nomination information by **Monday June 2, 2014** to p.neuroscience@utoronto.ca.

CPIN Distinguished Lectureship Series Updates Please see page 2. <http://www.neuroscience.utoronto.ca/events/lectureship.htm>

Congratulations CPIN Graduates

Last Name	First Name	Department	Program	Supervisor
Alim	Ishraq	Physiology	PhD	Michael Tymianski
Hunt	Anne	Rehabilitation Science	PhD	Deirdre Dawson
McCormick	Cornelia	IMS	PhD	Mary Pat McAndrews

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

CPIN Newsletter

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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

Contributor:
St. Michael's Neuroscience
Research Program

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



(Photo credits: Marc Settino)

CPIN Distinguished Lecture at the Li Ka Shing Knowledge Institute at St. Michael's Hospital on April 25, 2014, co-sponsored by St. Michael's Hospital Neuroscience Research Program.

CPIN Cortex Club Updates

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

A Cortex Club discussion on "**Could a better grasp of synaptic plasticity be applied to enhance cognition?**" was conducted in collaboration with the CPIN and Lunenfeld-Tanenbaum Research Institute, on April 9, 2014. This event was organized in conjunction with the CPIN Research Day & the International Symposium on Synaptic Plasticity and Brain Disorders, in honour of Professor John C. Roder. **Dr. Graham Collingridge** (Professor of Neuroscience in Anatomy in the School of Physiology & Pharmacology at the University of Bristol, United Kingdom & Fellow of the Royal Society), a world leader on the molecular mechanisms of synaptic plasticity, headed this particular Cortex Club discussion. Several tangential cognitive enhancement strategies including pharmacological and physiological mechanisms of synaptic plasticity were touched upon during the discussion, which was well attended by over 30 CPIN graduate students, postdocs and Principle Investigators. The discussion evolved to include participating researchers from the Faculty of Music and the topic of Music therapy on Depression and Pain management as well as its underlying putative synaptic plasticity mechanisms. Towards the end of the event, Prof. Collingridge was thoroughly impressed at the quality of the discussion and the open shuttling of novel ideas, which was very vibrant to encourage strong collaborative research. Before bidding adieu, Prof. Collingridge said that he would like to "export the idea of Cortex Club discussions to his Department at the University of Bristol when he gets back". *Vivek Mahadevan - Cortex Club Coordinator - Woodin Lab*

Upcoming Events

CPIN – Neurotalk For more information, visit: <http://www.neuroscience.utoronto.ca/events/Neurotalk.htm>

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

Distinguished Lectureship in Behavioral Pharmacology

Speaker | **Dr. Yavin Shaham**, Chief of Behavioral Neurosciences at NIDA/NIH

Title | *The role of the environmental context in relapse to drug use: behavioral and neuronal mechanisms*

Date and Time | **Wednesday, May 28, 2014, 3:00pm**

Location | MSB Room 3153, 1 King's College Circle. To be followed by reception in MSB Room 4227

Host | Dr. Ruth Ross, Professor & Chair, Department of Pharmacology and Toxicology

R.L. Smith Lecture

Speaker | **Dr. Sunita Vohra**, Professor, Faculty of Medicine, School of Public Health, University of Alberta, Director, Complementary and Alternative Research and Education (CARE) Program, Director, PedCAM Network

Title | *Integrative Mental Health: Being Mindful of New Initiatives*

Date and Time | **Thursday, May 29, 2014, 11:00 am**

Location | Hollywood Theatre (1st floor Burton Wing), Sick Kids

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Upcoming Events (Continued)

St. Michael's Neuroscience Research Rounds

Speaker | **Dr. David Munoz**, Adjunct Scientist in the Keenan Research Centre of the Li Ka Shing Knowledge Institute of St. Michael's Hospital, Professor, Laboratory Medicine and Pathobiology, University of Toronto, Head, Division of Pathology, St. Michael's Hospital

Title | *Demonic Copulation and Demonic Possession - Insights from Neuropathology*

Date and Time | **Friday, May 30, 2014, 10:00 am**

Location | 209 Victoria St., 2nd floor, RM 216, Li Ka Shing Knowledge Institute

Host | St. Michael's Neuroscience Research Program

Conferences and Meetings

http://neuroscience.utoronto.ca/events/Conf_M.htm

CAN 2014 satellite workshop on "Neural circuits of health and disease: from computation to experiment"

May 26, 2014 at the Montreal Hilton Bonaventure; This workshop is organized by the Canadian Association for Neuroinformatics and Computational Neuroscience (CNCN) and jointly sponsored by CIHR and NeuroDevNet. If you are interested in participating, please email Dr. Gunnar Blohm (gunnar.blohm@queensu.ca) with a short statement of interest and benefit of participation to you. We also encourage senior graduate students and postdocs to apply.

Gairdner Neuroscience Symposium: "Shedding New Light on Monoaminergic Signaling and Psychiatric Disorders"

May 29-30, 2014 in Edmonton, Alberta; Featuring international experts such as Drs. Marc Caron (Duke), Karl Deisseroth (Stanford), Anthony Grace (Pittsburgh), Susan Amara (NIH), Steven SG Ferguson (Western), Susan George (Toronto) and Remi Quirion (McGill) among many others, this meeting will cover the latest in basic and translational research into the monoamine systems of the brain, their links to psychiatric disorders and into exciting, novel approaches to pharmacotherapy. For more information and registration, visit the [website](#)

Workshop on Taking Advantage of Theory and Analyses in Neuroscience: A hippocampal microcircuit focus

June 4, 2014 at the Fields Institute, Toronto; It is clear that theoretical and mathematical approaches are strongly needed in Neuroscience today. However, the development of new experimental techniques and tools is yielding data not previously attainable, and this is changing and challenging theoretical approaches. In this one-day workshop, research talks where well-defined interactions exist will be given. The area of focus is cellular microcircuits in hippocampus, and talks will include didactic aspects with opportunity for discussion and interaction. Theoretical aspects will include dynamical systems and bifurcation analyses, mean field theory, Markov chain Monte Carlo methods for parameter estimation, simulations and analyses. For further details and registration, visit the [website](#)

3rd International Conference of the International Association for Music & Medicine

June 24-28, 2014 in Toronto, Ontario; The newly created Music and Health Research Collaboratory (MaHRC) in the Faculty of Music, University of Toronto, the Manfred and Penny Conrad Institute for Music Therapy Research (CIMTR), Wilfrid Laurier University, and the Canadian Association for Music Therapy have come together in collaborative partnership to plan a landmark event in Music & Medicine with the theme Music Medicine through the Lifespan. Plans are to build on the spirit of collaboration to bring together Music Therapists, Researchers in Music in Medicine, Researchers in Music as Medicine, Researchers in Musician's Health, Medical Practitioners, Neuroscientists, and students in all these fields. We are expecting to facilitate interdisciplinary exchange and future collaboration. You are also invited to join IAMM for dinner on June 26 featuring Dr. Norman Doidge, Author of "The Brain that Changes Itself" at Burwash Hall, Victoria University in University of Toronto. For further details, visit the [website](#)

Reminders

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.

Seeking Positions The CPIN website is now accepting postings from trainees and other research personnel seeking neuroscience positions. Please submit a brief profile and short resume in pdf format to the CPIN Office at p.neuroscience@utoronto.ca