



# UNIVERSITY OF TORONTO NEUROSCIENCE PROGRAM NEUROSCIENCE NEWSLETTER

University of Toronto Neuroscience Program Newsletter  
February 2012 | Volume 28 | Number 6

## UPCOMING DISTINGUISHED LECTURESHIP SERIES 2011-2012

### THURSDAY, MARCH 1<sup>ST</sup>, 2012



**Speaker** | Dr. Bradley Peterson, Director of Child & Adolescent Psychiatry, Columbia University Medical Centre  
**Research** | Serious childhood-onset neuropsychiatric disorders  
**Time** | 4:30PM - 5:30PM  
**Hosts** | Prof. Paul Sandor, Dept of Psychiatry, UofT | Elia Abi Jaoude, MSc., MD., PhD Candidate (CPIN)  
**Location** | Bahen Building, Rm. 1160, University of Toronto

### THURSDAY, MARCH 29<sup>TH</sup>, 2012



**Speaker** | **Donald W. Pfaff, PhD**, Prof, Lab. of Neurobiology and Behavior, The Rockefeller University, New York; Member, Nat'l Academy of Sciences; and, Fellow, American Academy of Arts and Sciences  
**Time** | 4:00PM - 5:00PM  
**Host** | Denise Belsham, Canada Research Chair in Neuroendocrinology  
**Event Co-Sponsor** | Sleep & Biological Rhythms Toronto  
**Location** | MS Building 2172, University of Toronto

### TUESDAY, APRIL 24<sup>TH</sup>, 2012



**Speaker** | Dr. Keith Cicerone, Dir. Neuropsychology, JFK Johnson Rehabilitation Institute & New Jersey Neuroscience Institute, JFK Medical Center, New Jersey  
**Topic** | **Process and outcome of holistic neuropsychological rehabilitation**  
**Host** | Dr. Deirdre Dawson  
**Location** | MS 3154, Medical Sciences Bldg University of Toronto (TBC)

### MONDAY, MAY 7<sup>TH</sup>, 2012 - *Raymond & Beverly Sackler Distinguished Visiting Neuroscientist Lecture*



**Speaker** | **Dr. Eric Jorgensen, University of Utah**  
**Time** | 4:00PM - 5:00PM  
**Research interests** | **Synaptic plasticity and memory**  
**Host** | Mei Zhen, Samuel Lunenfeld Research Institute  
**Location** | MS Building 2158, University of Toronto

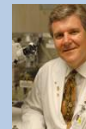
### THURSDAY, MAY 17, 2012



**Speaker** | **Christopher Summerfield, PhD**, University of Oxford, Lecturer, Dep't of Experimental Psychology, Psychology Tutor at Wadham College Medical Centre  
**Date** | Thursday, May 17, 2012  
**Time** | 4:00PM - 5:00PM  
**Topic** | Neural and computational mechanisms of decision-making in human observers  
**Hosts** | Prof. Eve deRosa, UofT | Taylor Schmitz, MA, PhD Candidate CPIN  
**Location** | TANZ Building, Rm. 6, University of Toronto

**CPIN Students must attend 75% of the Lectureship Series each year according to their program (Masters or PhD) requirement.**

## UTNP Administration



**Michael G. Fehlings**  
Director, UTNP



**David R. Hampson**  
Director, CPIN



**Alexander A. Velumian**  
Planning & Operations



**Tallie Rabin-Claassen**  
Interim Program Coordinator

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### IN THIS ISSUE

Pg. 1.....Upcoming Distinguished Lectures  
Pg. 2,3 .....Important News&UTNP Events  
Pg. 3..... CPIN News  
Pg. 3-5.....Neuroscience-related Seminars  
Pg. 5-6.....Neuroscience Symposia & Conferences  
Pg.6 .....Culture & Entertainment  
Pg. 6-7.....Positions Available  
Pg. 8-9.....Funding Opportunities



University of Toronto Neuroscience Program Newsletter  
February 2012 | Volume 28 | Number 6

## FACULTY ACKNOWLEDGEMENTS



UTNP Member and CPIN Faculty Member **Dr. Sandra Black** is named to the **Order of Ontario**, among 27 politicians, scientists, doctors and community activists named to the prestigious Order of Ontario:

<http://www.thestar.com/news/canada/politics/article/1118648--order-of-ontario-list>

Dr. Sandra E. Black of Toronto is one of the world's pre-eminent cognitive neurologists specializing in stroke and dementia, and the visionary leader behind the Ontario Stroke System, designed to improve stroke care from prevention to rehabilitation and reintegration.

*Congratulations, Sandra!*

And the afternoon Sessions will be filled with diverse neuroscience-related talks.

### Confirmed Speakers so far:

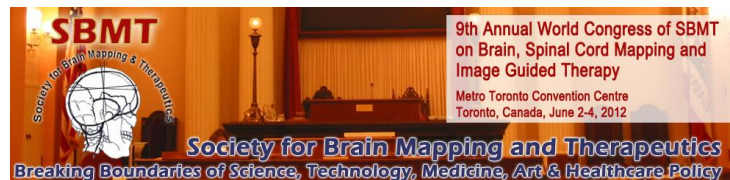
Dr. Jeff Coull, Ontario Brain Institute

Dr. Diano Marrone, Assistant Professor, Psychology, Wilfred Laurier

Dr. Sue Becker, Professor, Dept of Psychology Neuroscience & Behaviour, McMaster University

More details, meeting registration and abstract submission date will be posted soon at

<http://neuroscience.utoronto.ca/events/SONA2012.htm>



## UTNP SPONSORED EVENTS



**SONA** is southern Ontario's chapter of the Society for Neuroscience. The SONA Annual Meeting provides a full day of research talks and posters in an informal, friendly atmosphere.

We are excited that this year SONA will be held **April 30<sup>th</sup>, 2012 in Toronto**, at the University of Toronto. UTNP is a major sponsor and co-organizer of the daylong event.

### Preliminary Program Overview:

In the morning the session is geared towards trainees at all levels, and will provide career advice for both industry and academia. In parallel with the session will be the SONA Annual General Meeting (all Faculty members are invited and encouraged to attend).

Midday we will have a Grand Poster Session along with a buffet lunch

### Society for Brain

### Mapping & Therapeutics

### 9th Annual World Congress, June 2-4th, 2012

As local organizing chairman and host, I am pleased to inform the UTNP community of the 9th Annual World Congress of the Society for Brain Mapping & Therapeutics (SBMT, formerly known as IBMISPS) on Brain, Spinal Cord Mapping and Image Guided Therapy, taking place in our very own City of Toronto. Indeed, it seems particularly apt to have this meeting in Canada and, in particular in Toronto, where there is a long association with excellence in neuroscience with worldwide impact.

Canada's role in biomedical research is clear from the statistics: Canada ranks fifth among the top 20 most productive countries for biomedical publication output and is fourth in average relative citations (ARC) in the area of neurosciences. The Canadian neuroscience community is one of the largest national neuroscience communities outside the U.S.

The Canadian Institutes of Health Research-Institute of Neuroscience, Mental Health and Addiction (CIHR-INMHA) reflects the strength and breadth of Canada's neuroscience research community, which captures over 28% of funding in the Open Grants Competition.

The annual meetings of the Canadian Association of Neuroscience/Association Canadienne des Neurosciences



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University of Toronto Neuroscience Program Newsletter  
February 2012 | Volume 28 | Number 6

(CAN/ACN) typically attracts over 1200 attendees, mostly represented by the basic neuroscience community.

Clinical neuroscience in Canada is represented by the Canadian Neurological Sciences Federation (CNSF), which is an umbrella organization representing four National Specialty Societies: the Canadian Neurological Society (CNS), the Canadian Neurosurgical Society (CNSS), Canadian Society of Clinical Neurophysiologists (CSCN) and the Canadian Association of Child Neurology (CACN). The next, 47th annual Congress of the CNSF will be held in Ottawa on June 6-8, 2012. The CNSF has a large number of affiliated, more specialized societies focused on specific fields such as Stroke, Brain Tumour, Headache, Epilepsy, Movement Disorders, Neuromuscular Disorders, ALS, Multiple Sclerosis, Neurocritical Care and Cognitive Research.

Canada is the official birth country of IBRO, the International Brain Research Organization, run under UNESCO, which was incorporated by the Act of the Canadian Parliament and Senate on the 16th of February, 1961 due to the efforts and vision of great Canadian neuroscientists Herbert Henri Jasper, Wilder Graves Penfield and Frank Campbell Macintosh.

Here in Toronto, the University of Toronto Neuroscience Program (UTNP) has been progressively fulfilling that commitment. The University has over 300 faculty members engaged in neuroscience activities. The Collaborative Program in Neuroscience (CPIN) is the largest collaborative program on University of Toronto, with over 200 students. CPIN features a collaborative partnership with 16 Departments across campus from which students can apply for the CPIN certificate program: Biochemistry, Biomaterials and Biomedical Engineering, Cell and Systems Biology, Computer Sciences, Dentistry, Human Development & Applied Psychology, Lab Medicine & Pathobiology, Medical Biophysics, Medical Sciences, Molecular Genetics, Pharmaceutical Sciences, Pharmacology & Toxicology, Physiology, Psychology, Rehabilitation Sciences, and Speech-Language Pathology.

Many of Toronto's neuroscience research centers and teaching hospitals are steps away from each other and from the University of Toronto, located in the downtown core within walking distance from the Metro Toronto Convention Centre. We know that this congress will benefit from this central location in maximizing local attendance and the impact of the meeting.

We are excited to host the 9th Annual World Congress of the Society for Brain Mapping & Therapeutics in Toronto. The meeting will benefit from its location in downtown Toronto, not just from the point of view of neuroscience, but because attendees will be able to take advantage of much of what

downtown Toronto has to offer. It is a city teeming with life, culture, science and entertainment and we trust you will enjoy your stay here while attending the meeting.

Sincerely,

**Michael G. Fehlings, MD, PhD, FRCSC, FACS**

**Chair of Program Committee and Chair of Local Organizing Committee**

**Director of the University of Toronto Neuroscience Program  
Medical Director of the Krembil Neuroscience Centre**

(Re-modified from the *Society for Brain Mapping and Therapeutics* December Newsletter)

**For more information, to submit your abstract or to register for this meeting, please visit:**

<http://visitor.benchmarkemail.com/c/v?e=11DBB4&c=2257A&t=1&email=VMA8J8XxVLcC3NI6XcZKItSWMRNM8wW6zfja4OsT%2Fop81xGh07RnDQ%3D%3D&relid>

## CPIN NEWS:

### *Officially Welcoming Dep't of Computer Sciences to the Collaborative-fold*

Effective January 2012, we would like to welcome the **Computer Science Program** into the Collaborative Program in Neuroscience.

Students in the CS program for MSc or PhD are invited to apply to the Neuroscience Program by submitting their [application](#) to [p.neuroscience@utoronto.ca](mailto:p.neuroscience@utoronto.ca)

## CPIN FACULTY: PLEASE RESPOND

**CPIN Faculty Members please update** the UTNP administration with the names of your current Post-Doctoral Fellows. Have your PDFs complete a membership form on the UTNP website: <http://neuroscience.utoronto.ca/students/pdf/pdf-memberform.htm>

Thank you!



# UNIVERSITY OF TORONTO NEUROSCIENCE PROGRAM NEUROSCIENCE NEWSLETTER

University of Toronto Neuroscience Program Newsletter  
February 2012 | Volume 28 | Number 6

## NEUROSCIENCE-RELATED SEMINARS

**Date** | Friday, February 3, 2012  
**Time** | 1:30-2:30PM  
**Speaker** | Dr. Bebhinn Treanor, Department of Biological Sciences  
University of Toronto  
**Topic** | The Actin Cytoskeleton Controls B Cell Receptor Dynamics  
and Signalling  
**Location** | Room 1527, Hill Wing  
**Host** | Program in Cell Biology Seminar Series | The Hospital For  
Sick Children

**Date** | February 6<sup>th</sup>, 2012  
**Time** | 3:30 - 4:30PM  
**Speaker** | Mary Pat McAndrews  
**Topic** | TBA  
**Location** | ABC Classrooms  
**Host** | Rotman Research Institute Rounds

**Date** | Friday, February 10, 2012  
**Time** | 1:30-2:30PM  
**Speaker** | Dr. Sidney Whiteheart, Department of Molecular and  
Cellular Biochemistry, University of Kentucky  
**Topic** | Platelet Secretion: Molecules to Disease and Back  
**Location** | Room 1527, Hill Wing  
**Host** | Program in Cell Biology Seminar Series | The Hospital For  
Sick Children

**Date** | February 10, 2012  
**Time** | 4:00PM  
**Speaker** | Cheryl McCormick, Ph.D., Canada Research Chair in  
Behavioural Science, Brock University  
**Topic** | Adolescence as a "sensitive period" to the effects of social  
stressors: Effects on the HPA axis and on cognitive function?  
**Location** | Room # 560A, Ground Floor, Sidney Smith Hall, 100 St.  
George Street  
**For more information** | Kaori Takehara 416-978-6570  
[takehara@psych.utoronto.ca](mailto:takehara@psych.utoronto.ca) or Mark Morrissey 416-946-5540  
[mark.morrissey@utoronto.ca](mailto:mark.morrissey@utoronto.ca)

**Date** | February 13<sup>th</sup>, 2012  
**Time** | 3:30 - 4:30PM  
**Speaker** | Helene Polatajko  
**Topic** | TBA  
**Location** | Wortsman Hall, Baycrest Hospital  
**Host** | Rotman Research Institute Rounds

**Date** | Friday, February 17, 2012  
**Time** | 1:30-2:30PM  
**Speaker** | Dr. Julie M. Claycomb, Department of Molecular  
Genetics, University of Toronto  
**Topic** | C. elegans Small RNAs Make their Mark on Chromatin  
**Location** | Room 1527, Hill Wing  
**Host** | Program in Cell Biology Seminar Series | The Hospital For  
Sick Children

**Date** | Friday, February 24, 2012  
**Time** | 1:30-2:30PM  
**Speaker** | Dr. Joel Pachter, Department of Cell Biology, University  
of Connecticut Health Center  
**Topic** | CCL2 Interactions at the Blood-Brain Barrier: a Subtle  
Means to an Inflammatory End  
**Location** | Room 1527, Hill Wing  
**Host** | Program in Cell Biology Seminar Series | The Hospital For  
Sick Children

**Date** | February 27<sup>th</sup>, 2012  
**Time** | 3:30 - 4:30PM  
**Speaker** | Eve deRosa, Associate Professor, Psychology, University  
of Toronto  
**Topic** | Learning without Attention  
**Location** | Classrooms ABC, Baycrest Hospital  
**Host** | Rotman Research Institute Rounds

**Date** | March 9, 2012  
**Time** | 4:00PM  
**Speaker** | Steve Laviolette, Ph.D., Department of Anatomy and  
Cell Biology, University of Western Ontario  
**Topic** | The Role of Cannabinoids in Fear, Paranoia and  
Schizophrenia.  
**Location** | Room # 560A, Ground Floor, Sidney Smith Hall, 100 St.  
George Street  
**For more information** | Kaori Takehara 416-978-6570  
[takehara@psych.utoronto.ca](mailto:takehara@psych.utoronto.ca) or Mark Morrissey 416-946-5540  
[mark.morrissey@utoronto.ca](mailto:mark.morrissey@utoronto.ca)

**Date** | April 13, 2012  
**Time** | 4:00PM  
**Speaker** | Nathan Insel, Ph.D., Neuroimaging Research Section,  
Centre for Addiction and Mental Health  
**Topic** | How does the medial prefrontal cortex compute?  
Investigations into the state and pace of cortical communication  
during goal-directed behavior  
**Location** | Room # 560A, Ground Floor, Sidney Smith Hall, 100 St.  
George Street



University of Toronto Neuroscience Program Newsletter  
February 2012 | Volume 28 | Number 6

For more information | Kaori Takehara 416-978-6570  
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[mark.morrissey@utoronto.ca](mailto:mark.morrissey@utoronto.ca)

## NEUROSCIENCE-RELATED SYMPOSIA & CONFERENCES

### Mild Traumatic Brain Injury Conference: Challenges and Controversies in Diagnosis

**Date** | February 10, 2012

**Location** | Hyatt Regency Toronto, 370 King Street West, Toronto

**Description** | Participate in interactive discussions, workshops, and plenary sessions in this one-day evidence-based forum that will familiarize you with a wide range of controversies and challenges associated with the diagnosis of mild traumatic brain injury, including emotional, cognitive and behavioural problems after mTBI and neuroimaging. Workshops will focus on conditions such as vestibular dizziness, sleep disorders, neuropsychological testing and adjudication of a mild traumatic brain injury claim. Finally, an interactive round table will complete the program, in which Mild Traumatic Brain Injury will be put on trial.

#### FOR MORE INFORMATION CONTACT:

Phone: 416-597-3422 ext. 3693

Email: [conferences@torontorehab.on.ca](mailto:conferences@torontorehab.on.ca)

Web: [www.torontorehab.com/events/mTBIsymposium](http://www.torontorehab.com/events/mTBIsymposium)

### The Annual Cognitive Neuroscience Conference Co-hosted by Rotman Research Institute and Kunin Lunenfeld Applied & Evaluative Unit

**Date** | Friday, March 2<sup>nd</sup>, 2012

**Topic** | 2012 Alzheimer Symposium: A Palliative Approaching to Dementia care

**Location** | Hyatt Regency Toronto, 370 King Street West, Toronto

**Description** | Participate in this one-day forum that will explore a palliative care approach to dementia in order to optimize the quality of life throughout the journey of those living with Alzheimer's Disease. The workshops sessions, which will be repeated twice during the day, will include topics such as relational care at the end of life, engaging patients in day to day life, communicating with families and management of dysphagia for patients with advanced dementia. If you prefer to experience first-hand how the various senses are impacted by aging and dementia, you will be able to participate in our aging simulation. Spaces will be limited for this session, so be sure to register early!

**Website for registration** |

[www.torontorehab.com/events/AlzheimerSymposium](http://www.torontorehab.com/events/AlzheimerSymposium)

**Date** | March 8<sup>th</sup> & 9<sup>th</sup>

**Time** | 9AM - 5PM

### Topic | Coordinated activity in physiology: measures, concepts and controversies

**Location** | Fields Institute for Research in Mathematical Sciences, 222 College Street, Toronto, ON

**Hosts** | José Luis Perez Velazquez, The Hospital for Sick Children and University of Toronto & Roberto Fernández Galán, Case Western Reserve University, Dept. of Neurosciences, School of Medicine, Cleveland

**Website for registration** |

<http://www.fields.utoronto.ca/programs/scientific/CMM/11-12/physiology/>

**Date** | March 26-28, 2012

**Location** | The Four Seasons Hotel Toronto, Canada

**Description** | Scientific presentations will review state of the art understanding of the brain regions and neural networks critical for memory and the sustenance of independent function from mid-life to old age. Clinically-oriented presentations will update the audience on evaluation and treatment of mild cognitive impairment.

Keynote speakers include Dr. Marilyn Albert, Johns Hopkins University School of Medicine and Dr. David Knopman, Mayo Clinic, Minnesota.

\*Special conference rates are available for accommodations at the Four Seasons Hotel in Toronto.

#### FOR MORE INFORMATION CONTACT:

<http://baycrestresearchconference.createsend4.com/t/ViewEmail/r/3F90D084CF021B26/475620A3CAC125B21A01488700E2614F>

### MS Rehabilitation Symposium

**Date** | April 16, 2012

**Location** | Hyatt Regency Toronto, 370 King Street West, Toronto

**Description** | Toronto Rehab is proud to launch its 2012 Multiple Sclerosis Rehabilitation Symposium. It will showcase an approach to health promotion which will facilitate well-being, highest possible level of function and optimal quality of life for persons with MS.

This is a MUST ATTEND event for service providers and healthcare professionals, including physicians, PTs, OTs, SLPs, nurses, program managers, social workers and other service workers from hospital and community-based settings. All are invited to network, collaborate and share your experiences!

#### FOR MORE INFORMATION CONTACT:

Phone: 416-597-3422 ext. 3693

Email: [conferences@torontorehab.on.ca](mailto:conferences@torontorehab.on.ca)

Web: <http://www.torontorehab.com/Events>



# UNIVERSITY OF TORONTO NEUROSCIENCE PROGRAM NEUROSCIENCE NEWSLETTER

University of Toronto Neuroscience Program Newsletter  
February 2012 | Volume 28 | Number 6

**Date** | April 30<sup>th</sup>, 2012

**Location** | University of Toronto, Ontario, Canada

**\*\*Please check back with the UTNP Website for Registration information soon!**

## 2012 National Health Law Conference: Global Health Challenges & the Role of Law

**Date** | May 4 & 5, 2012

**Location** | Toronto, Canada

Registration will be available in December 2011. Download the [Save the Date poster](#) (PDF)

**Description** | This biennial conference will feature a keynote panel debate: *"Can Law Meet Global Health Challenges? Perspectives from Medicine and Politics"* with **Abdallah S. Daar**, Senior Scientist, the McLaughlin-Rotman Centre for Global Health, University of Toronto; **Theodore Marmor**, Health Care Expert, Yale University; **Michael Ignatieff**, Senior Resident, Massey College, University of Toronto; and **James Orbinski**, Humanitarian Advocate and Past President of Doctors Without Borders. It will also feature the Cadario Keynote Public Lecture: *"The Global Politics of Health Care"* by **James Morone** from Brown University, USA.

Panelists will present research papers and lead discussions on:

- *The role of law in addressing the global challenges of chronic diseases and obesity*
- *Global health issues in vulnerable populations, including: gender inequalities, mental health, and aboriginal health issues*
- *Human rights and reproductive/maternal health, and the role human rights litigation can play in improving global welfare*
- *Global issues in new reproductive health technologies and medical tourism*
- *The impact of free trade on access to pharmaceuticals in a global context*

**FOR MORE INFORMATION CONTACT:** [www.healthlawtraining.ca](http://www.healthlawtraining.ca) or contact [info@healthlawtraining.ca](mailto:info@healthlawtraining.ca) /416.978.3724

## Focus Program at The Fields Institute, Toronto

**Date** | May 14-June 16, 2012

**Topic** | Towards Mathematical Modeling of Neurological Disease from Cellular Perspectives

**Description** |

Parkinson's Disease Workshop: May 22-23, 2012

Schizophrenia Workshop: May 24-25, 2012

Epilepsy Workshop: May 29-30, 2012

Alzheimer's Disease/Pharmaceuticals Workshop: May 31-June 1, 2012

Anesthesiology/Sleep Disorders Workshop: Jun 4-5, 2012

**For more information** | REGISTRATION IS OPEN

See <http://www.fields.utoronto.ca/programs/scientific/11-12/neurodisease/> for more details

## 21<sup>st</sup> Annual Meeting of the Organization for Computational Neuroscience (OCNS)

**Date** | The main meeting July 22<sup>nd</sup> – 24<sup>th</sup>, 2012, preceded by a day of tutorials July 21<sup>st</sup>, and followed by two days of workshops July 25<sup>th</sup> – 26<sup>th</sup>

**Topic** | Computational Neuroethology

**Location** | Agnes Scott College - within walking distance from trendy downtown Decatur, Georgia, and a short train ride from downtown Atlanta, Georgia.

**Registration** | open April 1st, 2012

**Submissions** | open as of January 16

**For more information** | <http://www.cnsorg.org/cns-2012-atlantadecatur>

**Speakers** |

Don Edwards, Georgia State University, USA

Barbara Webb, University of Edinburgh, UK

Malcolm MacIver, Northwestern University, USA

## 5th National Spinal Cord Injury Conference - Translating Neural Engineering and Novel Therapies

**Date** | October 18-20, 2012

**Location** | Toronto, 145 Richmond Street West, Toronto (Oct 18<sup>th</sup> preconference at Toronto Rehab's Lyndhurst Centre)

**Description** | The 5th National SCI Conference organizing committee is putting together an exciting program featuring keynote addresses, podium and poster presentations, workshops and breakout sessions. Additional highlights include a hands-on pre-course, consumer participation and a delegate reception. Please join us once again at the pre-eminent gathering of clinicians, research scientists and consumers in Canada and North America who are focused on understanding and achieving recovery among the spinal cord injury population.

**CALL FOR ABSTRACTS DEADLINE: March 4th, 2012 (by midnight)**

**FOR MORE INFORMATION CONTACT:**

Phone: 416-597-3422 ext. 3693

Email: [conferences@torontorehab.on.ca](mailto:conferences@torontorehab.on.ca)

Web: [www.sciconference.ca](http://www.sciconference.ca)



University of Toronto Neuroscience Program Newsletter  
February 2012 | Volume 28 | Number 6

## NEUROSCIENCE-RELATED CULTURE & ENTERTAINMENT

**Date** | From February 28th to March 3rd

**Location** | Toronto Harbourfront Centre

**Description** |

Tina Rasmussen, the Artistic Director of World Stage and the Performing Arts department at Harbourfront Centre are presenting a Dance production that was partly inspired by the choreographer's residency at the Interactive Cognition Lab at the University of California, San Diego.

Wayne McGregor is one of the world's foremost choreographers and he has spent the past few years working with various cognitive scientists to explore the creation, communication and performance of dance. We are presenting his show *Entity* at the Fleck Dance theatre.

We at Harbourfront Centre, felt that this might be of interest to you, your colleagues and students, considering the research that went in to this project.

**For more information** | please visit our [website](#). Or by phone at 416.973.4237

NOTE: There is a talkback after the performance on Thursday March 1st.

## VOLUNTEER OPPORTUNITIES

### Brain Day Volunteer Opportunities

Are you interested in volunteering to run an interactive, educational program in a local elementary school?

Sign up to volunteer for Brain Day! University student volunteers deliver an interactive, activity-based 3 hour presentation in a grade 3-6 classroom. The goal of Brain Day is to raise awareness about the irreparable nature of brain damage and the importance of protecting the brain, with the aim of empowering the community for a long-term health cause. We interactively educate elementary school students about the brain and spinal cord on a day during Brain Awareness Week in March. The focus is on the anatomy, function and importance of the brain and

spinal cord in day to day activities in life. Finally, we train children in the necessary custom of wearing protective gear in a proper and consistent manner.

Brain Day 2012 will take place in the weeks of March 5th and March 19th 2012.

To find out more about how to register for Brain Day email us at [torontobrainday@gmail.com](mailto:torontobrainday@gmail.com)

## POSITIONS AVAILABLE

### CANADA



### Research Scientist in Stroke Rehabilitation

The Heart and Stroke Foundation Centre for Stroke Recovery (CSR) is made up of some of Canada's foremost healthcare centres: Sunnybrook Health Sciences Centre, Baycrest (including the Rotman Research Institute and the Kunin-Lunenfeld Applied Research Unit), the University of Ottawa (uOttawa) and the Ottawa Hospital Research Institute (OHRI). The CSR was formed to allow experts in stroke, working in different locations, to share knowledge and collaborate on research initiatives. Leading the CSR is Scientific Director and CEO Dr. Dale Corbett. The CSR's goal is to become the world's preeminent research centre focused exclusively on exponential advances in stroke recovery.

At the Sunnybrook Health Sciences Centre site of the Heart and Stroke Foundation Centre for Stroke Recovery (CSR), led by Site Director Dr. Sandra Black and Associate Site Director Dr. William McIlroy, we are currently seeking a Research Scientist position in Stroke Rehabilitation, with specific interest in neuroimaging analysis - techniques for structural or functional MRI and in developing and evaluating neurorehabilitation interventions. The successful candidate will engage in a research program focused on basic and/or applied research to advance the development and evaluation of imaging, cognitive and/or physical rehabilitation techniques applied to overt stroke and covert cerebrovascular disease. The successful applicant will provide a linkage between applied and basic research by developing collaborations with Clinical Scientists and Neuroscientists at Sunnybrook Health Sciences Centre, and with CSR scientists at Baycrest and the University of Ottawa/Ottawa Health Research Institute.

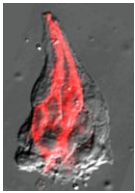
More information about the Heart and Stroke Foundation Centre for Stroke Recovery can be found at [www.heartandstroke-centrestrokerecovery.ca](http://www.heartandstroke-centrestrokerecovery.ca)



# UNIVERSITY OF TORONTO NEUROSCIENCE PROGRAM NEUROSCIENCE NEWSLETTER

University of Toronto Neuroscience Program Newsletter  
February 2012 | Volume 28 | Number 6

## INTERNATIONAL POSITIONS



**NEW: Postdoctoral training position available for research in the cellular and molecular biology of sensory receptor cells.** Candidates should have prior experience in functional imaging at the cellular level (e.g., Fura2 imaging) or electrophysiological

recording, and publications/presentations vouching for this experience. The project will involve sophisticated new imaging methodologies that combine confocal Ca imaging with electrophysiology to study fundamental mechanisms in chemoreception. **Please contact Dr. Stephen Roper, Professor of Physiology & Biophysics, sroper@med.miami.edu** for further details.

## FUNDING OPPORTUNITIES

[Sponsor](#) | **Connaught International Scholarships for Doctoral Students & U of T Graduate Awards Office**

[Deadline](#) | **February 13, 2012** to the Graduate Awards Office

[Description](#) |

Purpose:

The primary purpose of the Connaught International Scholarships for Doctoral Students is to assist graduate units in recruiting and supporting outstanding international scholars to the University of Toronto's graduate programs.

Nominations:

Approximately 15 Connaught International Scholarships for Doctoral Students will be awarded for the 2012-2013 academic year. Each graduate unit is invited to submit up to 2 nominations.

Value and Duration

- The effective value awarded to each student will be \$35,000.00 total (including tuition).
- The department will cover the cost of tuition at the domestic student rate plus the normal minimum funding in the graduate unit of \$15,000 or higher (using the normal combination of Research and Teaching Assistantships, UofT Fellowships, etc.)
- The Connaught Program will cover "top-up" funding to bring the total funding to \$35,000 from the normal minimum in the graduate unit (\$15,000 or higher)

- Scholarships will continue in the same form throughout the normal period in the funded cohort (4 or 5 years, according to *the standard duration of the department's funding package* )

Eligibility

- Nominees must be new international applicants who have or will be offered admission to full-time doctoral or doctoral-stream programs within the funded-cohort (M.A., M.Sc., MASc, PhD)
- Nominees must begin their program in the 2012-2013 academic year (no later than fall 2012)
- Nominees cannot have been previously registered at UofT

Application Process:

Please enter all nominee information into the attached Excel spreadsheet and provide a complete nomination package for each candidate which includes the documents listed below. Each nominee's application package should be scanned and submitted as a single PDF file sent electronically by email to: [tara.lock@utoronto.ca](mailto:tara.lock@utoronto.ca).

- A completed Connaught Scholarship Nomination Form
- A brief cover letter (one paragraph) from the nominating graduate unit highlighting the strengths of the nominee
- Copies (both sides) of all academic transcripts (originals not required)
- Two letters of reference (letters may be used from the candidates admission file)
- Nominee's C.V. (no page restriction)
- Other relevant documents (optional)

Adjudication & Results

- Nominees will be ranked by the SGS Awards Committee.
- Recognizing the importance of timeliness in the recruitment process, graduate units will be informed of the results shortly after the committee meeting held on March 8, 2012.
- SGS will prepare and provide the Graduate Unit with the award offer letter addressed to the successful candidate, signed by the Dean of Graduate Studies, Vice-Provost, Graduate Education including the terms and conditions of the scholarship.
- To accept the scholarship, successful candidates must provide written acceptance of both the units' offer of admission and the Connaught Scholarship to the graduate unit within two weeks of the award offer letter.
- The graduate unit must notify SGS of both accepted and declined award offers.
- Deferral of admission will result in loss of the award offer.
- Scholarships are awarded to meritorious candidates as ranked by the SGS committee; graduate units may not reallocate a declined offer within their own department





# UNIVERSITY OF TORONTO NEUROSCIENCE PROGRAM NEUROSCIENCE NEWSLETTER

University of Toronto Neuroscience Program Newsletter  
February 2012 | Volume 28 | Number 6

If an award is declined by a successful candidate, SGS will offer the award to the next highest ranked candidate on the SGS reversion list until all scholarships have been awarded.

## Terms and Conditions

To maintain the award, students are required to be in full-time attendance at the University of Toronto, maintain an A- average, and be making satisfactory progress toward the completion of their degree as determined by their department. Repayment of the award is required if a student is in full-time attendance fewer than 14 weeks in any session.

## More Information |

Please direct all questions regarding the competition or nomination process to Tara Lock at [tara.lock@utoronto.ca](mailto:tara.lock@utoronto.ca) or 416 978-2386.

## Tara Lock

Awards Officer, Internal  
Graduate Awards Office  
School of Graduate Studies  
Room 202 - 63 St. George Street  
Tel: (416) 978-2386  
Fax: (416) 971-2864

Students can now view awards-announcements on "Ulife":  
<https://ulife.utoronto.ca/opportunities>

## Sponsor | CIHR Team Research and Training Program in Sleep and Biological Rhythms

**Deadline | February 15<sup>th</sup> 2012**

**Description |** There are funds for several post-doc and graduate awards, each accompanied by an additional \$3,000 research allowance and a \$1,000 travel allowance.

Any research **teams** engaging in true new collaborative projects incorporating sleep-wake states, sedation and/or biological timing systems into their projects (**in whatever discipline**) are eligible to apply. No boundaries, just new science of high impact.

## More Information |

FULL application and review details (and previously funded projects) available at: <http://www.utoronto.ca/sleepandrhythms>. The website is designed to be fully transparent, with all the details of the objectives of the program, eligibility to apply, application forms, how the applications will be reviewed, the reviewer forms, and how the funds will be distributed.

## Sponsor | CIHR 2012 Travel Awards

**Deadline | February 24, 2012:** Full applications must be submitted by this date.

**Description |** Through the [Institute Community Support \(ICS\) Program](#), CIHR-INMHA is launching **2012 Travel Awards** for trainees (post-doctoral fellows), new investigators and knowledge users to attend the National Institute on Drug Abuse (NIDA) – Clinical Trials Network Steering Committee Meeting on April 17-18, 2012, taking place at J.W. Marriott Atlanta Buckhead in Atlanta Georgia. In addition, applicants are encouraged to attend the Pre-ASAM Blending and Dissemination Meeting on April 19, 2012, taking place at The Hilton Atlanta in Atlanta, Georgia.

INMHA will offer travel awards to a maximum amount up to \$2,500 per award, to cover costs of travel, per diem for meals and accommodation to attend these meetings. For more information on [the meetings](#) please visit the NIDA website. For information on the [Clinical Trials Network](#) please visit the NIDA website.

More Information | <http://www.cihr-irsc.gc.ca/e/36096.html>

## FOX FOUNDATION FOR PARKINSON'S RESEARCH, MICHAEL J. –

Call for Submissions:

Biomarker Development

LRRK2 Challenge

Dyskinesia Challenge - Identification and Testing of Novel Targets

**Deadline for Submissions: Continuous**

[http://www.michaeljfox.org/research\\_openFundingPrograms\\_program.cfm?ID=7](http://www.michaeljfox.org/research_openFundingPrograms_program.cfm?ID=7)

## CIHR FUNDING OPPORTUNITIES – various

[http://www.researchnet-](http://www.researchnet-recherchenet.ca/rnr16/search.do?fodAgency=CIHR&fodLanguage=E&all=1&search=tru)

[recherchenet.ca/rnr16/search.do?fodAgency=CIHR&fodLanguage=E&all=1&search=tru](http://www.researchnet-recherchenet.ca/rnr16/search.do?fodAgency=CIHR&fodLanguage=E&all=1&search=tru)