

Collaborative Program in Neuroscience Newsletter
Fall 2012 | Volume 29 | Number 1

UPCOMING DISTINGUISHED LECTURESHIP SERIES 2012-2013

FRIDAY, NOVEMBER 2ND, 2012



Speaker | Dr. Bryan Roth, University of North Carolina
Title | *Pharmacogenetic control of brain function*
Time | 4 - 5PM
Location | TBC
Host | [Dr. John Peever](#), Dep't of Cell & Systems Biology

FRIDAY, NOVEMBER 16TH, 2012



Speaker | Dr. Zhigang He, Harvard Medical School and Boston Children's Hospital
Time | 4 - 5PM
Title | *Mechanisms of axon regeneration in adult CNS*
Location | Rm. 610, Health Sciences Bldg, University of Toronto
Host | [Zhong-Ping Feng](#), Associate Professor, Physiology & Andrew Barszcyk, PhD Student CPIN

JUNE 2013



Speaker | Dr. Brian Kobilka, Stanford University
Time | TBD
Research Interest | *elucidating the structures of G-protein coupled receptors*
Host | Dr. Oliver Ernst and the Dept. of Biochemistry

***ADDITIONAL SPEAKERS TO BE SCHEDULED AND POSTED.**

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

CPIN Administration



David R. Hampson
Director, CPIN



Tallie Rabin-Claassen
Interim Program Coordinator

CONTACT INFORMATION:

Collaborative Program in Neuroscience |
Room 904, Leslie Dan Faculty of Pharmacy,
144 College St., Toronto Ontario M5S 3M2
University of Toronto

Email | p.neuroscience@utoronto.ca
Phone | 416 978 8761
Fax | 416 978 8511

Website | www.neuroscience.utoronto.ca

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LETTER FROM THE CPIN DIRECTOR

To all CPIN students and faculty:

I have been the Director of CPIN for the past 4 years and my term is now ending. It has been a great pleasure interacting with many of you over this period. I am grateful for all of the support that you have given to the program in recent years; the level of volunteerism for the annual CPIN lecture series, research days, Brain Bee, and various other extraneous events was truly impressive. I want to thank Tallie Rabin-Claassen who was the interim Program Coordinator over the past year, and Dr. Michael Fehlings, who was the Director of the University of Toronto Neuroscience Program (UTNP) for his support for CPIN.

From September 2008 to August 2012 CPIN was funded through the UTNP. Since university funding for the UTNP has now ceased, CPIN is currently in transition. We are now reverting to a funding system that was in place prior to the creation of the UTNP in 2008. In essence, participating departments and units will make varying financial contributions based primarily on the number of CPIN students enrolled in that department/unit. We have been working on this transition over the summer and I am optimistic that most if not all of the departments will continue to be a part of CPIN.

We are also seeking a new Director for CPIN. A panel of CPIN faculty that includes Dr. Steffen-Sebastian Bolz, acting Chairman of Physiology, Dr. Allan Kaplan (Chairman, IMS), Dr. Karl Zabjek, Graduate Department of Rehabilitation Science, Dr. John Yeomans, Professor of Psychology, and myself will be reviewing nominations soon – **please forward nominations** to p.neuroscience@utoronto.ca with cc to d.hampson@utoronto.ca and include "CPIN nomination" in subject heading **before September 18**. Please contact me if you have questions about the position.

For updates on speakers in the Distinguished Lecture Series and all other CPIN information (including program requirements and how to apply) please see our website which retains the same URL:

<http://www.neuroscience.utoronto.ca/site3.aspx>

Our first 2 speakers for the upcoming academic year are Dr. Bryan Roth from the U. of North Carolina on November 2, and Dr. Zhigang He from Harvard University on November

16. In conjunction with Dr. Oliver Ernst and the Dept. of Biochemistry, planning is also underway for a 2 day meeting on structural neurobiology to be held on campus next June; the keynote speaker will be Dr. Brian Kobilka from Stanford University. Dr. Kobilka is a world leader in elucidating the structures of G-protein coupled receptors.

Finally, I would like to thank all of you for helping to make CPIN such a visible, well-respected, and successful program at the University of Toronto.

Sincerely,

David Richard Hampson
Professor, Dept. of Pharmaceutical Sciences

CPIN STUDENTS

CONGRATULATIONS | GRADUATING CPIN STUDENTS FALL 2012

Maithe Arruda-Carvalho, PhD, IMS (Supervisor:)
Meaghan Clair Creed, PhD, Pharmacology (Supervisor:)
Xin Yan Susan Fan, MSc, IMS (Supervisor:)
Noufissa Kabli, PhD, Pharmacology (Supervisor:)
Taylor Schmitz, PhD, Psychology (Supervisor: Eve de Rosa)
Yi Quan, MSc, Physiology (Supervisor: Zhong-Ping Feng)
Dominique Thy An Vuvan, PhD, Psychology (Supervisor:)
Steven Woltering, PhD, HDAP, OISE (Supervisor:)

CONGRATULATIONS | NEW CPIN STUDENTS FALL 2012

Rylan Allemang-Grand, MSc, Medical Biophysics (Supervisor: Jason Lerch)
Pieter Beerepoot, PhD, Pharmacology (Supervisor: Ali Salapour)
Ceilidh Cunningham, MSc, Physiology (Supervisor: William Trimble)
Danielle Douglas, MA, Psychology (Supervisor: Morgan Barensen)
Trehani Fonseca, MSc, IMS (Supervisor: Sidney Kennedy)
Vanessa Ghosh, PhD, Psychology (Supervisor: Asaf Gilboa)
Gaayathiri Jegatheeswaran, PhD, IMS (Supervisor: Robert Chen)
Doris Lam, PhD, Physiology (Supervisor: Lyanne Schlichter)
Rachel Leung, PhD, Psychology (Supervisor: Margot Taylor)
Samantha Mahabir, MSc, Cell & Systems Biology (Supervisor: Robert Gerlai)
Christina Nona, PhD, Pharmacology (Supervisor: José Nobrega)
Durgaa Rajendran, MSc, IMS (Supervisor: Carol Westall)
Adam Santoro, PhD, IMS (Supervisor: Paul Frankland)
Soaleha, PhD, Cell & Systems Biology (Supervisor: Robert Gerlai)
Vanessa Sinopoli, PhD, IMS (Supervisor: Paul Arnold)
Sri Dushyaanthan Sri Renegathan, MSc, IMS (Supervisor: Anurag Tandon)
Morrison Steel, MSc, IMS (Supervisor: Karen Gordon)
Michael Tso, PhD, IMS (Supervisor: R. Loch MacDonald)

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NEUROSCIENCE-RELATED SEMINARS

Date | Wednesday, August 29th, 2012

Time | 10AM

Speaker | Anthony Grace, Distinguished Professor of Neuroscience Professor of Psychiatry & Psychology, Neurophysiology of basal ganglia system related to psychiatric disorders University of Pittsburgh

Topic | "Dopamine System Dysregulation by the Hippocampus and the Pathophysiology of Schizophrenia"

Location | FitzGerald Building --- Room 102/103 150 College Street

Host | Dr. Derek van der Kooy, Donnelly Centre for Cellular & Biomolecular Research

[For more information](#) |

<http://neuroscience.utoronto.ca/AssetFactory.aspx?vid=2215>

Date | Friday, September 14, 2012

Time | 1:30 – 2:30PM

Speaker | Dr. Inderjeet Dokal, Centre for Paediatrics, Institute of Cell and Molecular Science, Barts and The London School of Medicine & Dentistry

Topic | "The biology of dyskeratosis congenita"

Location | Room 1527, Hill Wing, the Hospital For Sick Children

Host | Program in Cell Biology, Seminar Series

Date | Friday Sept 21st

Time | 9am – 1pm

Speakers |

Laura Ment – Yale University; Stephen Back – Oregon Health and Sciences University; Steven Miller – SickKids; Charles Raybaud – SickKids and; Emily Tam - SickKids

Topic | The pre-term brain; At the interface of development and injury

Location | Daniels Hollywood Theatre, Room 1246 Black Wing, The Hospital for Sick Children

Host | Neurosciences & Mental Health Program

For free registration please contact Sarah Haslegrave
nmh.events@sickkids.ca or call 416-813-8945

Date | Friday, September 21, 2012

Time | 1:30 – 2:30PM

Speaker | Dr. Sergio Grinstein, Program in Cell Biology, Hospital for Sick Children

Topic | "Tracking receptors at the single molecule level: control by the cytoskeleton"

Location | Room 1527, Hill Wing, the Hospital For Sick Children

Host | Program in Cell Biology, Seminar Series

Date | Friday, September 28, 2012

Time | 1:30 – 2:30PM

Speaker | Dr. Roberto Botelho, Department of Chemistry and Biology, Ryerson University

Topic | "Having fun with lysosomes: how to stretch and swell them up"

Location | Room 1527, Hill Wing, the Hospital For Sick Children

Host | Program in Cell Biology, Seminar Series

NEUROSCIENCE-RELATED SYMPOSIA & CONFERENCES



FTD 2012 (Frontotemporal Dementias)

Date | September 5 - 7, 2012

Location | Manchester Central, Manchester, UK

Abstract topics include |

- Clinical Characteristics and Diagnosis
- Neuropsychology
- Imaging
- Management and Care
- Epidemiology
- Neuropathology
- Genetics
- Cell Biology
- Animal Models
- Therapeutics

NeuroDevNet

Date | September 21-23, 2012 in Toronto, ON.

Details | With increasing momentum, NeuroDevNet is bringing together researchers with passion and expertise in autism spectrum disorder, cerebral palsy and fetal alcohol spectrum disorder, along with experts in brain development at the cellular and molecular level; the interaction of genetics and the

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environment; neuroeducation; knowledge translation and policy.

Highlights |

Join us this year for an exciting program including the first Fraser Mustard Memorial Lecture, to be given by Dr. Clyde Hertzman of the Human Early Learning Partnership at the University of British Columbia, and a keynote address by Dr. Thomas Insel, Director of the US National Institute of Mental Health. Fascinating sessions will follow, exploring the sciences of self-regulation, neuroeducation, strategies and success stories in knowledge translation, featuring Sir Albert Aynsley Green, former Children's Commissioner for England, and the movement of knowledge into action through a public forum on FASD.

Also, in collaboration with the FASD Ontario Network of Expertise, NeuroDevNet's FASD group is planning "How Much is too Much," a public forum on Saturday September 22, 2012. The theme is "Knowledge to Action? Where we connect research findings to clinical practice and discuss the impact of research developments on individuals, families and society.

For more information |

<http://www.neurodevnet.ca/sites/all/modules/civicrm/extern/url.php?u=421&qid=17837> to view the conference program and to learn more about this year's interesting line-up of speakers, forums and expert panels.

To apply for funding - Trainees are complementary! |

email to McLaughlin Centre Program Manager Christian Marshall christian.marshall@utoronto.ca by **September 14th 2012** indicating (i) name, position, and affiliation and (ii) a short description describing why this conference would be beneficial to your research/education.

Registration | Final Registration Deadline: September 14, 2012
<http://www.neurodevnet.ca/sites/all/modules/civicrm/extern/url.php?u=422&qid=17837> to register today!

The Neuroscience School of Advanced Studies - Italy

This school is home of intensive Courses, where the world's leading investigators discuss upcoming research challenges with a small, highly selected number of participants in the unique atmosphere of the fortified medieval village of San Quirico d'Orcia, nestled in the most idyllic Tuscan countryside.

Course Listing |

Emerging Therapeutic Targets in Schizophrenia
September 8 - 16

Coordinator: **C.A. Tamminga (USA)**

Molecular Pathogenesis of Depression: Neuroplasticity and Epigenetic Mechanisms

September 22 - 30

Coordinator: **E.J. Nestler (USA)**

Neurobiology of Autism Spectrum Disorders

November 10 - 18

Coordinator: **R.D. Blakely (USA)**



Institute of Biomaterials & Biomedical Engineering
UNIVERSITY OF TORONTO



Defining Tomorrow: Advancing the Integration of Engineering and Medicine
October 10, 2012

An International Symposium Presented by the Institute of Biomaterials & Biomedical Engineering
Chestnut Conference Centre, 89 Chestnut Street, Toronto, Ontario www.ibbme.utoronto.ca/50th_Anniversary/Symposium.htm

Date | October 10, 2012

Location | Chestnut Residence and Conference Centre (89 Chestnut Street), University of Toronto, in Toronto, Ontario.

Description | IBBME is bringing the world leaders in neuroscience and neuroengineering together to inspire us, and to challenge us, as we push forward to new frontiers.

In celebration of 50 remarkable years of trailblazing, collaboration and exploration—at the point where cutting-edge science and revolutionary engineering intersect—IBBME is pleased to present a Symposium, **Defining Tomorrow: Advancing the Integration of Engineering and Medicine**.

The theme of this Golden Anniversary Symposium specifically highlights crossroads emerging in neuroscience and neuroengineering. Reflecting the Institute's original roots in biomedical electronics, we fast forward to present 4 sessions on: neural plasticity, electrophysiology, cell behaviour, and neural networks.

Sessions will feature internationally renowned plenary and keynote speakers from the United Kingdom, United States and Canada.

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For more information | Abstracts, bios, and a complete schedule of events can be found [here](#). Registration is now open [here](#).

Contact Dr. Molly Shoichet: adminshoichet@utoronto.ca or 416.946.7926.

Media contact – Erin Vollick, Communications Officer,
Institute of Biomaterials and Biomedical Engineering,
University of Toronto
E: comm.ibbme@utoronto.ca
P: 416.946.8019
W: <http://ibbme.utoronto.ca>

About IBBME | The Institute of Biomaterials and Biomedical Engineering (IBBME) is an interdisciplinary unit situated between three Faculties at the University of Toronto: Applied Science and Engineering, Medicine and Dentistry. The Institute pursues research in four areas: neural, sensory systems and rehabilitation engineering; biomaterials, tissue engineering and regenerative medicine; molecular imaging and biomedical nanotechnology; medical devices and clinical technologies.



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 18th 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.

FOR MORE INFORMATION CONTACT:

Phone: 416-597-3422 ext. 3693

Email: conferences@torontorehab.on.ca

Web: www.sciconference.ca



Neuroscience 2012 42nd Annual Meeting

Date | October 13 - 17, 2012

Location | Ernest N. Morial Convention Centre, New Orleans

Registration Details |

<http://www.sfn.org/am2012/index.aspx?pagename=DatesandDeadlines>

Abstract submission for Neuroscience 2012 closed

NEW

Introducing SfN's Graduate School Fair

Looking for a way to recruit students from around the world for your academic program?

[Neuroscience 2012](#) — October 13–17 in New Orleans — delivers the best and brightest in the field of neuroscience directly to you at the [new Graduate School Fair](#). The event will be held October 14 and 15 from 12 to 1 p.m.

Showcase Your Program in Front of a Global Audience

The [Graduate School Fair](#) is an economical way to recruit globally for your graduate program. The annual meeting typically draws nearly 1,000 undergraduate students and more than 10,000 graduate students from around the world.

Register Now for as Low as \$100

Register for a booth at the Graduate School Fair for the opportunity to connect with future students. [SfN Institutional Program](#) members pay reduced fees, so [join](#) today if your department or program isn't a member. [Get more information and buy your exhibit space today.](#)

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Ending Well at End of Life

Date | Friday, November 23, 2012

Location | The Baycrest Joseph E. and Minnie Wagman Centre, 55 Ameer Avenue, Toronto

Additional information to be posted soon...

www.baycrest.org/events



for Neuroscience Graduate Students & Post-Doctoral Fellows

DID YOU KNOW? \$5-BUCK-LUNCHES @ HART HOUSE!

For the schedule | <http://www.harthouse.ca/student-engagement/5-buck-lunch-hart-house>

WANT TO SEE WHAT UofT HAS TO OFFER FOR LIFE?

Check out the website at <http://life.utoronto.ca/Page15.aspx>

POSITIONS

Canada



5-Year Contract, Assistant Professor-level - *Improving neural and cognitive recovery after acquired brain injury*

Toronto Rehabilitation Institute is seeking applicants with strong publication records who have demonstrated a commitment to knowledge translation and/or commercialization of the results of their research. This appointment will be a 5- year contract that may be

renewed depending on achievements and the availability of continuing funds.

[For more information |](#)

<http://neuroscience.utoronto.ca/AssetFactory.aspx?vid=2178>



Job Title: Epilepsy Researcher and Web Writer

Epilepsy Ontario is a registered charitable non-governmental health organization dedicated to promoting independence and optimal quality of life for those living with seizure disorders, by promoting information, awareness, support services, advocacy, education and research.

Through a network of local agencies, contacts and associates, Epilepsy Ontario provides client services, counselling and referral services. Epilepsy Ontario is the voice of epilepsy in the province.

Roles and Responsibilities:

The Researcher and Web Writer will:

- review existing content on the website to ensure it is current and relevant
- research epilepsy news and updates
- update the website with content that is current relevant and meaningful to people with epilepsy and seizure disorders
- Other duties as assigned.

Skills and Competencies:

- have knowledge about epilepsy
- experience in online communications
- excellent communication skills (verbal and written)
- very organized
- ability to prioritize multiple projects

Requirements:

This position is funded by Summer Jobs Canada and therefore requires that applicants be students returning to school in September.



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This position is funded for 11 weeks at 35 hours per week at \$11.00 per hour.

** Please note that the organization will be moving at the end of June, likely to the Woodbine and Steeles area.

Interested applicants should forward their resumé by May 18 to:
Rozalyn Werner-Arcé, Executive Director, Epilepsy Ontario
E: rozalyn@epilepsyontario.org

FUNDING NEW & OPPORTUNITIES

CIHR Fellowship program moving to one competition per year

In an effort to align the timing of CIHR's fellowship competition with its federal counterparts, NSERC and SSHRC, beginning in the Fall 2013, the CIHR Fellowship competition will only accept applications once per year (in October).

Despite this change, the number of fellowships awarded will be maintained at approximately 170 per year and the overall budget allocated to this program will remain unchanged at \$21M over five years.

For questions, please contact the Fellowships team at the following address: Fellowships@cihr-irsc.gc.ca or visit our FAQ, <http://www.cihr-irsc.gc.ca/e/44244.html>.



Government
of Canada

Gouvernement
du Canada

SIMPLIFYING THE SEARCH FOR GOVERNMENT-FUNDED SCHOLARSHIPS

A new website opens the door to some of the lesser-known scholarships offered by the Canadian government.

[Website | http://www.scholarships-bourses.gc.ca/scholarships-bourses/index.aspx?view=d](http://www.scholarships-bourses.gc.ca/scholarships-bourses/index.aspx?view=d)
This information found in University Affairs | <http://www.universityaffairs.ca/the-money-trail.aspx>

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

CIHR FUNDING OPPORTUNITIES – various

<http://www.researchnet-recherchenet.ca/rnr16/search.do?fodAgency=CIHR&fodLanguage=E&all=1&search=tru>

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