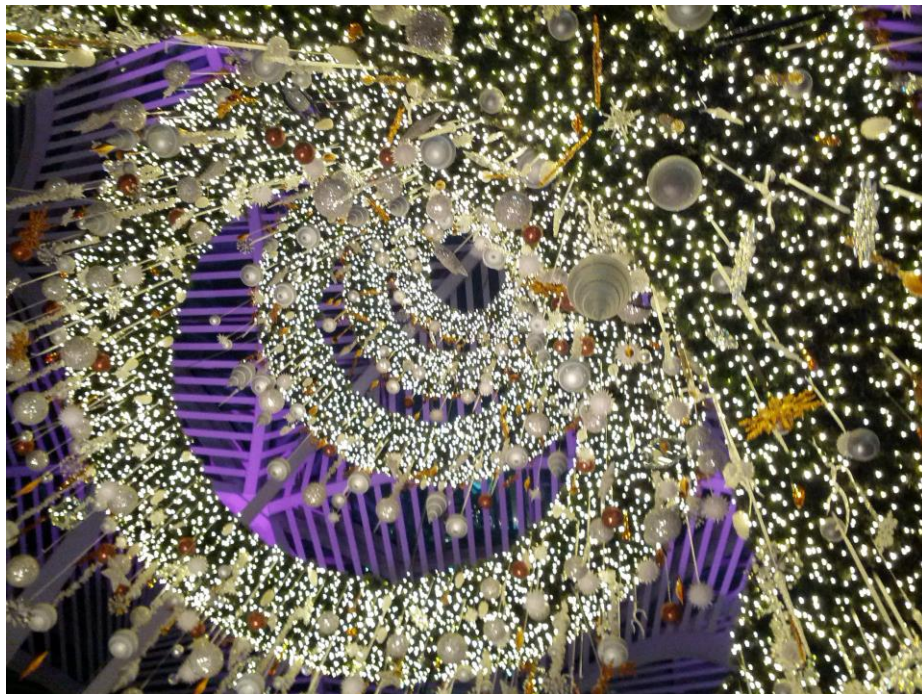


Collaborative Program in Neuroscience (CPIN)

University of Toronto

Newsletter – Vol. 35, No. 4 – December 2018



BCE Place, Photo credit Iulia Park

Happy Holidays from CPIN!

CPIN would like to wish all members a happy holiday season. The CPIN Office will be closed from December 24, 2018 to January 4, 2019 inclusive.

Featured In This Issue

News – CPIN Faculty Members Congratulations to **Dr. Harold Atwood** on the publication of a Special Issue of Journal of Neurogenetics, A reductionist approach to understanding the nervous system: The Harold Atwood legacy in his honour. Please see page 3 for details.

Welcome New CPIN Faculty We welcome **Dr. Andrew Lim** to the CPIN community. Please see page 3 for details.

2018-19 CPIN Distinguished Lectureship Series Please see page 2 for upcoming lecture details.

Congratulations Graduating Students Please see page 4 for details.

Welcome New CPIN Students Please see page 4 for details.

2019 Toronto Brain Bee The 21st Annual Toronto Brain Bee will be held on **Friday, April 12, 2019** at the University of Toronto. Please see page 2 for details.

Neuroscience Opportunities Please see page 4 for details.

CPIN Annual Report 2017-2018 – Message from the Director Please see page 5 for details.

CPIN Newsletter

Zhong-Ping Feng
Director
CPIN
Graduate Studies

Iulia Park
Administrator
CPIN Office

CPIN Office
p.neuroscience@utoronto.ca
Tel.: 416 978 8637

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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2018-19 CPIN Distinguished Lectureship Series

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



Speaker | **Dr. Amar Sahay**, Principal Faculty, Harvard Stem Cell Institute, Associate Member, Broad Institute of MIT and Harvard, Associate Professor, Center for Regenerative Medicine, Department of Psychiatry, Massachusetts General Hospital, Harvard Medical School

Title | *Inhibitory interneurons: Gatekeepers of indexing, discrimination and generalization*

Date | **Wednesday, January 23, 2019, 4:00 pm**

Location | Room MC252, Mechanical Engineering Building, 5 King's College Road, Toronto, Ontario

Host | Dr. Paul Frankland, Professor, Departments of Psychology and Physiology, IMS, UofT; Senior Scientist, Neuroscience & Mental Health, SickKids Hospital

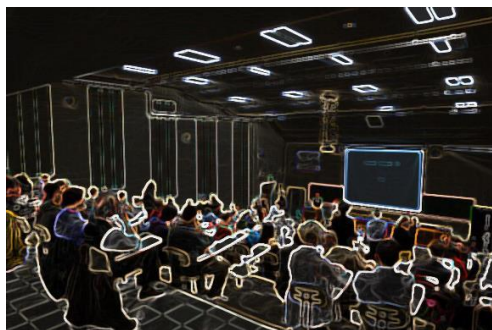
Reminder: CPIN Trainees: Please fill in the online Lecture Report & Evaluation Form as a record of your attendance to the Distinguished Lectureship Series within one week of attending the talk.

Call for CPIN 2018-2019 Distinguished Lecturer Nominations CPIN trainee & faculty members are welcome to nominate potential speakers for the 2018-2019 Neuroscience Distinguished Lectureship Series. Please submit your nominations at the following link: http://www.neuroscience.utoronto.ca/events/lectureship/distinguished_lecturer_nominations.htm.

Nominations will be reviewed by the CPIN Committee for approval. We are looking for speakers of diverse background and in particular female speakers.

2019 Toronto Brain Bee

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



The Toronto Brain Bee organizing committee will be hosting the 2019 Toronto Brain Bee Annual Competition on Friday, April 12 at the University of Toronto.

The Brain Bee is a knowledge-based competition for high school students in the GTA region. It tests the knowledge of the students in neuroscience and provides an ideal environment for promoting outreach and enhancing interaction between the neuroscience community at the University of Toronto and the general public. The competition has been organized mostly by the CPIN faculty members, graduate students and postdoctoral fellows in previous years. The contribution of CPIN members in assisting to organize and host the event has been an integral part of its success over the years.

CPIN trainees have been actively involved in delivering presentations to high-school students, providing registration and coordination help, acting as event scorers, interviewing the participants, event photography and assisting in other tasks related to the event.

Related Links:

Official Toronto Brain Bee webpage: <http://www.neuroscience.utoronto.ca/events/brainbee.htm>

High-school Participant Registration Link: <http://www.neuroscience.utoronto.ca/events/brainbee/torontobbreg.htm>

CPIN member who have not yet had a chance to volunteer for the event can fill out the short online form located at the following link at their earliest convenience:

http://www.neuroscience.utoronto.ca/events/brainbee/brain_bee_volunteer_form.htm

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News - CPIN Faculty Members

http://www.neuroscience.utoronto.ca/communications/news_cpिन_faculty_members.htm



Congratulations to **Dr. Harold Atwood** on the publication of a **Special Issue of Journal of Neurogenetics, A reductionist approach to understanding the nervous system: The Harold Atwood legacy** in his honour.

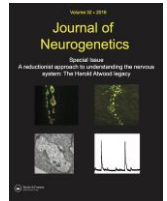
This special issue is in honour of Professor Harold Atwood's lifetime contributions to the fields of Neuroscience and Physiology. In addition to Harold's many important scientific discoveries, he also had a profound impact on many of his scientific colleagues and trainees. Numerous Atwood lab trainees

have continued in research and developed their own research programs, in many cases, heavily influenced by their time in the Atwood lab.

This special issue includes a number of perspective articles, review articles and research articles from some of these former Atwood lab trainees and collaborators. The special issue also includes an open access article by Harold's sister Margaret Atwood called "Child Harold", which describes Harold's early and formative years. With this special issue, we thank Harold Atwood for his many scientific contributions and his lasting influence on all his trainees and colleagues.

Jeffrey Dason, University of Windsor
Marla Sokolowski, University of Toronto
Chun-Fang Wu, University of Iowa

Link to special issue: <https://tandfonline.com/toc/ineg20/32/3?nav=tocList>



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

Welcome New CPIN Faculty Members

http://www.neuroscience.utoronto.ca/communications/news_cpिन_faculty_members.htm



We would like to welcome **Dr. Andrew Lim** (Assistant Professor, Department of Medicine, University of Toronto; Scientist, Hurvitz Brain Sciences Research Program, Sunnybrook Research Institute; Neurologist, Sunnybrook Health Sciences Centre) as a new faculty member to the CPIN community.

The focus of Dr. Lim's clinical practice and research programme is on disorders of sleep and circadian biology, especially as they relate to brain health. He completed an MD and residency in neurology at U of T, a clinical sleep fellowship at the Beth Israel Deaconess Medical Center in Boston and a master's degree in clinical investigation at Harvard Medical School.

Read more about Dr. Lim's research interests and publications on our website:

http://www.neuroscience.utoronto.ca/faculty/list/Andrew_Lim_.htm

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://www.neuroscience.utoronto.ca/communications/newsletter.htm>

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Welcome New CPIN Students

<http://www.neuroscience.utoronto.ca/students/currentstudents.htm>

Last Name	First Name	Home Unit	Degree	Supervisor
Earnshaw	Rebecca	LMP	MSc	Dr. Suneil Kalia
Hamdy	Nancy	PSL	MSc	Dr. Zhong-Ping Feng
Henechowicz	Tara	MUS	MA	Dr. Michael Thaut
Ladyka-Wojcik	Natalia	PSY	MA	Dr. Morgan Barese

Visiting Graduate Research Student

Barzideh	Azadeh	REHSC	PhD	Dr. Avril Mansfield
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Congratulations CPIN Graduating Students

http://www.neuroscience.utoronto.ca/communications/news_cpin_students.htm



Name: Carina Fan

Program: MA

Department: Psychology

Supervisor: Dr. Brian Levine

Thesis Title: Individual Differences in Autobiographical Memory and Their Relationship to Cognitive Aging

Congratulations also to the following graduating students:

Last Name	First Name	Home Unit	Degree	Supervisor
Cohen	Dalya	PSL	MSc	Dr. Graham Collingridge
Leung	Celeste	PSL	PhD	Dr. Zhengping Jia

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

Neuroscience Opportunities

http://www.neuroscience.utoronto.ca/communications/Positions_Available.htm

Project Coordinator

Ontario Bioscience Innovation Organization (OBIO®)

Awake Labs

Description: At Awake Labs, we are building an AI-powered knowledge platform to deliver precision health care for brain disorders, starting with autism. Our first product is Reveal Stories - an app used by care teams to improve mental health outcomes for people with autism. We are a young start-up company in downtown Toronto looking for a dedicated and talented project coordinator to join our team. We take pride in our commitment to empower people to live happier, healthier and more independently. As Awake Labs continues to grow, we are excited to welcome new team members who share in our vision. Please see complete position description here:

<http://www.neuroscience.utoronto.ca/Assets/Neuroscience+Digital+Assets/Neuroscience/UTNP+Digital+Assets/Positions/2018-2019/H2BB+-+Awake+Labs+-+Project+Coordinator.pdf>

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

Collaborative Program in Neuroscience (CPIN)

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CPIN Annual Report 2017-2018 – Message from the Director

<http://www.neuroscience.utoronto.ca/communications/annualreports.htm>



On behalf of the CPIN Board of Directors, the Academic and Executive Committees, and the Graduate Executives Committee, I am pleased to report to you that the CPIN had a very successful and productive year in 2017-2018. The major activities and updates of the program during the past academic year are summarized in the CPIN Annual Report 2017-2018, and can be found on the CPIN website at:

[http://www.neuroscience.utoronto.ca/Assets/Neuroscience+Digital+Assets/Neuroscience/UTNP+Digital+Assets/Annual+Reports/CPIN+Annual+Report+\(2017-2018\).pdf](http://www.neuroscience.utoronto.ca/Assets/Neuroscience+Digital+Assets/Neuroscience/UTNP+Digital+Assets/Annual+Reports/CPIN+Annual+Report+(2017-2018).pdf)

With the dedicated support of the CPIN community, our educational program achieved another strong year, offering our trainees a variety of learning opportunities in support of their scientific, career and leadership skills development. The CPIN Distinguished Lecture Series featured 9 internationally renowned neuroscientists. To further inspire our students and provide role models for career growth, the CPIN Emerging Leaders in Neuroscience Lectures brought talks on the exciting research work of upcoming and more junior researchers. At the 2018 CPIN Research Day, the recipient of the annual Jonathan Dostrovsky Award in Neuroscience was celebrated, along with the CPIN Excellence in Poster Presentation Awards given to students for outstanding poster presentations. We also provided numerous leadership and volunteer opportunities for the CPIN trainees via academic activities and outreach program events.

This year, CPIN saw unprecedented engagement with the public through our outreach programs and Research Day, broadening the educational experience of CPIN trainees, showcasing the research of our faculty and trainees, as well as giving back to the community. We are grateful for the sponsorship for these initiatives provided by the Ontario Brain Institute, the U of T Human Biology Program, the Krembil Research Institute, the Heart and Stroke Richard Lewar Centre of Excellence, the SickKids' Neurosciences and Mental Health program, the SickKids' Centre for Brain and Mental Health, the Centre for Addiction and Mental Health, and the Firefly Foundation.

As part of our ongoing commitment to community outreach, CPIN faculty and trainee members organized a number of high school outreach programs, including the 2018 Toronto Brain Bee competition and NeuroSci 101 enrichment course in neuroscience. Our more recent CPIN Undergraduate Mentorship Program also saw continued success, pairing undergraduate students applying to graduate programs with CPIN graduate student mentors for advice and support. These initiatives also provided numerous leadership and volunteer opportunities for CPIN trainees.

To further give back to the community, the Research Day this year saw the landmark achievement of being open to the public, made possible through the generous support of our sponsors. We also brought in a diversified itinerary for an enriched educational experience. At the Mental Health Symposium, the Keynote Lecture was delivered by a public figure, Michael Landsberg, alongside inspirational scientific talks from our CPIN faculty. The symposium was livestreamed to further increase its reach and accessibility for the public and the CPIN community. The Research Day also included a Career Development Workshop, featuring a professional storytelling coach, a career educator, and a student panel on alternative career paths. The entire event was resoundingly successful, and we received exceptionally positive feedback from attendees.

On the communications and promotion front, we have shared the research profiles and achievements of 7 CPIN faculty members and 8 CPIN trainees with the community via our website and email lists to encourage collaboration and promote excellence. We also promoted numerous seminars, conferences, meetings and workshops related to the neurosciences. To take advantage of social media, CPIN increased our usage of Facebook, Twitter and LinkedIn to disseminate program information and advance neuroscience knowledge.

The continuing success and progress of the CPIN in 2017-2018 is thanks to the dedication of our faculty and trainee members, as well as the crucial support provided by the program contributors and sponsors. We would also like to express our gratitude to the CPIN Board of the Directors, CPIN Academic and Executive Committees, Graduate Student leaders as well as the CPIN administrative team on their strong support in maintaining the excellence of the program.. The CPIN strives for ongoing strengthening of our educational/ research training, as well as our community ties. I look forward to working collaboratively with our devoted community members and friends in the coming academic year.

Zhong-Ping Feng, M.D., Ph.D.
Professor, Department of Physiology
Director, Collaborative Program In Neuroscience

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