Collaborative Program In Neuroscience (CPIN)
UNIVERSITY OF TORONTO

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Featured In this Issue

Welcome New CPIN Faculty Members We would like to welcome **Dr. Minoru Koyama** and **Dr. Luka Milosevic** as new faculty members to the CPIN community.

REMINDER: The 2022 Jonathan Dostrovsky Awards in Neuroscience application deadline is **May 8, 2022**. Please see below for additional details.

REMINDER: CPIN Research Day: Friday, May 27, 2022. Registration is open. **Abstract submission extended until May 8, 2022**.

Call for CPIN 2022-2023 Distinguished Lecturer Nominations

Welcome New CPIN Faculty

We would like to welcome **Dr. Minoru Koyama** (Assistant Professor, Department of Biological Sciences, Department of Cell and Systems Biology, University of Toronto) as a new faculty member to the CPIN community.

Dr. Koyama received his PhD at the University of Tokyo in the lab of Dr. Yasushi Miyashita where he studied the cortical areas involved in eye movements in primates using functional MRI. He then joined the lab of Dr. Joseph Fetcho at Cornell as a postdoc to investigate the cellular basis of

behavior in zebrafish. During this time, Dr. Koyama studied the hindbrain escape circuit and identified a circuit motif for binary behavioral choice using in vivo whole-cell recording, circuit modeling, and femtosecond laser ablation. Fascinated by the rapid development of zebrafish behavior, he became interested in how the brain matures to support the emergence of increasingly complex behaviors and joined the Janelia Research Campus as a Fellow that provided the opportunity to pursue this research direction. There, he revealed a novel developmental organization in the locomotor circuits that enables the diversification and sophistication of the zebrafish locomotor repertoire. Through extensive collaborations, he also established a series of new optical and genetic tools in zebrafish, including circuit optogenetics, super-resolution microscopy, voltage imaging, and CRISPR-based lineage tracing. With these tools in hand, his lab at UTSC strives to break new ground in the study of neuronal maturation by visualizing and interrogating the entire process of circuit maturation that contributes to the development of behavior in a maturing vertebrate. The current focus of the lab is to understand the cellular and genetic basis of how sequentially emerging motor circuits get integrated over time to enable complex motor patterns that emerge after birth.

We would like to welcome **Dr. Luka Milosevic** (Scientist, Krembil Research Institute; Assistant Professor, Institute of Biomedical Engineering, Associate Member, Institute of Medical Sciences, University of Toronto; Affiliate Scientist, KITE Research Institute) as a new faculty member to the CPIN community.

Luka Milosevic received his PhD in Biomedical Engineering from the University of Toronto, after which he pursued a Postdoctoral Fellowship at University of Tübingen Institute for Neuromodulation and Neurotechnology, Germany.

His research is at the intersection of biomedical engineering and human neurophysiology and the focus of his program is on the development of brain computer interfaces and novel neuromodulation techniques. He is interested in the neurophysiological mechanisms of deep brain stimulation (DBS), synaptic plasticity, and the use of DBS to restore neurocircuit function in Parkinson's disease and other brain disorders. His lab works with various intracranial brain recording modalities (e.g., single-neuron, LFP, ECoG) and Dr. Milosevic also plays a clinical role in monitoring patients' brain activity to guide the placement of DBS devices at the Toronto Western Hospital.

More Faculty News

2022 Jonathan Dostrovsky Awards in Neuroscience
Application Deadline: May 8

Established by the generosity of Dr. Jonathan Dostrovsky, these annual awards recognize and support excellence amongst graduate students enrolled in the Collaborative Program in Neuroscience and will be selected based on academic merit.

In 2022 CPIN will award two Jonathan Dostrovsky Awards in Neuroscience for outstanding achievement in graduate neuroscience research towards a Ph.D. degree: one Junior Award for outstanding

achievement in initial graduate neuroscience research, and one Senior Award for outstanding achievement in graduate neuroscience research towards a Ph.D. degree.

The application deadline for the 2022 award is May 8, 2022. All applicants must complete the official application form on the CPIN website. Further details, application guidelines and eligibility, are also available on the website. The recipients of the Jonathan Dostrovsky Award in Neuroscience will be announced at the CPIN Research Day on May 27, 2022.

CPIN Research Day: Friday, May 27, 2022 Abstract Submission Deadline Extended to May 8

CPIN Research Day in collaboration with The Southern Ontario Neuroscience Association (SONA) and The Max Planck-University of Toronto Centre (MPUTC) for Neural Science and Technology will take place virtually on **Friday, May 27, 2022.**

Registration and Abstract Submission are open! Additional details regarding presentations and criteria for evaluation will follow. **Abstract submission has been extended until May 8, 2022**.

To read more about Professor May-Britt Moser, Norwegian University of Science and Technology, Norway, and Nobel Laureate, the CPIN Julius Axelrod Distinguished Visiting Neuroscientist Lecturer, and keynote speaker of the joined conference, please visit the Research Day website.

Call for CPIN 2022-2023 Distinguished Lecturer Nominations

CPIN trainee & faculty members are welcome to nominate potential speakers for the 2022-2023 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 would like again to emphasize the importance of EDI in the CPIN community and particularly encourage and welcome nominees and/or nominators that include visible minority groups, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others.

Reminders

Applying to CPIN

Students interested in applying to CPIN are encouraged to apply within a month of starting their degree. Prior to applying, please review the requirements and expectations for the program.

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.

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