Neuroscience @ Michigan

Keeping you informed of Neuroscience seminars, symposiums, related news and events

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NGP 4 DEI

Responses to 10 Common Criticisms of Anti-Racism Action in STEM
Click Here

Justice for Jacob Blake
Saturday, August 29th at 11 AM to 2 PM
The Diag 913 S. University Ave.
For more information, visit Survivors Speak on Facebook
Rackham Professional Development DEI Certificate

The Rackham Graduate School is committed to enhancing the development and training offerings related to diversity, equity, and inclusion for all University of Michigan graduate students and postdoctoral fellows and is now offering a **Professional Development DEI Certificate**. This program is designed to prepare participants to work in a diverse environment while fostering a climate of inclusivity. Application deadline: **September 11**. Attend the [DEI Certificate Information Session](#) webinar on Thursday, Sept 3rd, 3:30 to 4:30 p.m.

**Mark your Calendars!**

Unfortunately, the NGP 2020 Retreat has been postponed until 2021 due to the Coronavirus outbreak. The **2021 Retreat** will be held at the [Maumee Bay Resort](#) in Oregon, OH from October 1 - 2, 2021.
Fall Schedule for Candidate Talks

All talks will be delivered virtually during the fall term on Mondays at 4pm via zoom or bluejeans.

9/21/20 - Alexa Faulkner
10/5/20 - Alcides Lorenzo Gonzalez
10/12/20 - Ishtiaq Mawla
10/16/20 - Stephanie Pistorius
10/30/20 - Maxwell Ruckstuhl
12/7/20 - Mirella Hernandez-Lima

Student Innovation Award Winners

Congratulations to our 2020 Student Innovator Award Winners!

James Delorme - Dr. Sara Aton Lab
"Somatostatin regulation of hippocampal sleep–dependent memory consolidation."

Dan Doyle - Dr. Ken Kwan Lab
"Chromatin regulation of cortical circuit development."

This seminar will be delivered virtually for those in the Neuroscience community at Michigan.

https://bluejeans.com/604760311

In addition this talk will be recorded and made available to those not able to attend live.

Upcoming Neuroscience Seminars

Mondays 4 - 5 pm
8/31 - NGP Student Innovation Award Winners, Dan Doyle and James Delorme

https://mailchi.mp/f482a4bcc20f/ngp-newsletter-for-week-of-83120?e=b244781a13
9/14 - Student Meeting
9/21 - Alexa Faulkner - Candidate Presentation
9/28 - Genesis Rodriguez and Audrey Drotos - 2nd Year Presentation
Click here for complete schedule for fall and winter.

HBCS Seminars

Daniel Llano, MD, Ph.D., Associate Professor, University of Illinois at Urbana-Champaign
"Echoes from below: Examination of cortico-tectal interactions in the mouse auditory system"
Held virtually on Thursday, September 17, 2020 at 11:45 am
Join Zoom Meeting
https://umich-health.zoom.us/j/98035002436

Maria Neimark Geffen, Ph.D., Associate Professor, Department of Otorhinolaryngology
University of Pennsylvania School of Medicine
"Cortical circuits for dynamic auditory perception"
Held virtually on Thursday, September 24, 2020 at 11:45 am
Join Zoom Meeting
https://umich-health.zoom.us/j/92027042816

Yuri Agrawal, MD, Professor, Department of Otolaryngology – Head and Neck Surgery
John Hopkins University, School of Medicine
"Vestibular loss and cognitive decline in aging adults"
Held virtually on Thursday, October 22, 2020 at 11:45 am
Join Zoom Meeting
https://umich-health.zoom.us/j/96425681699

Mentoring Workshops

This workshop is facilitated by the MORE (Mentoring Others Results in Excellence) Committee, a Rackham committee that engages with faculty and graduate students to foster conversations about mentoring. This workshop helps to enhance the mentoring relationship between the student and faculty mentor. Faculty and students will work independently in separate sessions to identify their own objectives and styles, and then faculty–student pairs come together to develop a mentoring plan: a two-way document to codify goals, needs, and shared expectations. Over 85% of Rackham doctoral students surveyed report that having
written agreement for successful mentoring is useful. Mentoring Plan Workshop now available for registration...this is a great thing to do with new trainees in your lab! Seats fill up fast - Register early!

Dates:

- September 25, 2020
- October 13, 2020
- October 16, 2020

The workshop times are structured as following:

- Student session: 9:30–11:00 am
- Faculty session: 10:00–11:00 am
- Joint session: 11:10 am–12:00 pm

Registration is required of both the faculty and the student.

- Student registration: https://myumi.ch/3qbvm
- Faculty registration: https://myumi.ch/xmg89

Upcoming Webinars and Workshops

Janelia Research Campus

Junior Scientist Workshop on Mechanistic Cognitive Neuroscience
Nov 15-20, 2020 - Virtual
Vivek Jayaraman, Alla Karpova, Josh Dudman, Hannah Haberkern, Emily Dennis, Gowen Tervo, Michael Reiser

New Faculty Affiliation

Welcome!
John R. Traynor, Ph.D.
Edward F. Domino Research Professor
Professor and Associate Chair for Research
Professor of Medicinal Chemistry, College of Pharmacy

Zhongming Liu, Ph.D.
Associate Professor, Biomedical Engineering
Associate Professor, Electrical Engineering and Computer Science

Anthony King, Ph.D.
Assistant Professor, Psychiatry
Getting Around Campus

Major changes coming to the Campus Bus System - Click here

Applications Open

Next Generation Faculty Symposium

The Next Generation Faculty Symposium will be held on October 23rd. This is a Tri-Campus outreach event, bringing together departments from Stanford, UC Berkeley, and UCSF, and supported by the Chan Zuckerberg Biohub. Applications are due September 10, 2020.

The goal is to increase the diversity of our faculty by highlighting the most talented postdocs and early career scientists of color in bioengineering and the biomedical sciences and to encourage those prominent potential faculty applicants to apply to our departments.

This year's symposium will be a half-day event that will take place virtually online.

Details about this symposium can be found at: www.berkeleystanfordnextgensymposium.com

We are soliciting applications for this symposium, due September 10th. Selection criteria will be based on demonstrated scientific excellence, evaluated through prior research achievement and significant contributions to increasing diversity, equity, and inclusion in science. We are encouraging scientists from diverse backgrounds to apply, particularly Black candidates and other candidates of color.
Applications can be submitted here.

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**Internal Postdoc Openings**

**XU LAB**
Dr. Shawn Xu’s lab in the Life Sciences Institute is seeking postdoctoral fellows to study sensory neuroscience. The Xu lab focuses on identifying novel sensory receptors and channels that sense temperature, touch, odors, tastants and light, and investigating how they regulate sensory signaling and behavior using both *C. elegans* and mouse models. See details at: [https://www.lsi.umich.edu/science/our-labs/xz-shawn-xu-lab](https://www.lsi.umich.edu/science/our-labs/xz-shawn-xu-lab). Email contact: shawnxu@umich.edu

**APOSTOLIDES LAB**
Information here

**LI LAB**
The laboratory of Dr. Peng Li at the Life Sciences Institute of the University of Michigan is seeking postdoctoral fellows to study neural control of breathing ([http://www.lsi.umich.edu/labs/peng-li-lab](http://www.lsi.umich.edu/labs/peng-li-lab)). Contact Peng Li, PhD

**LOWENSTEIN LAB**
Information here

**DUS LAB**
The Dus lab has an open postdoctoral position to study how dietary environment persistently alters sensory and reward circuits to promote maladaptive behaviors in flies and rodents. Techniques used in the lab are in vivo imaging, behavior, molecular biology, neuro & optogenetics, and genomics. Interested candidates should apply by emailing mdus@umich.edu.

**DUAN LAB**
Seeking postdoc with extensive experience in developmental biology for an NSF-funded project on brain development in zebrafish. Please email: Cuming Duan, PhD

**RAPHAEL LAB**
Postdoctoral position is available for gene editing of auditory neurons in cultured explants and in vivo. Please contact Yehoash Raphael for more information.

**BORJIGIN LAB**
Please email Dr. Borjigin directly for more information.

**EBAN-ROTHSCHILD LAB**
Neuronal Circuity of Sleep and Wakefulness using highly innovative techniques. For details please contact: adae@umich.edu.
WALDHAUS LAB
Seeking a postdoctoral candidate with interest in Regenerative Medicine of the inner ear. The study is about tracing the process of auditory hair cell regeneration at single cell level and whole transcriptome resolution. Information

SATIN LAB
A NIH-funded POSTDOCTORAL position is available immediately in the Satin Lab for a PhD or an MD to study stimulus-secretion coupling mechanisms and ion channels in mouse and human pancreatic islets. Candidates should have experience in live cell imaging, image acquisition and analysis, molecular biology, and using adenoviruses to express novel optical probes in cells, as well as other proteins. Experience in patch clamping would be an additional strength, as is knowledge of ion channel physiology, metabolic biochemistry, and/or familiarity with mathematical models. Interested individuals should supply a current CV and the names of 3 individuals who could be used as references directly to Les Satin, PhD

OLSON LAB
The Olson lab is focused on understanding the neurons and neural circuitry within the central nervous system that regulate feeding, energy balance and metabolism. We combine neuron-specific Cre recombinase expressing transgenic mouse lines with stereotaxic delivery of Cre-inducible viruses to acutely and chronically manipulate subsets of neurons in order to understand their physiologic functions. Active project areas include genetic dissection of the paraventricular hypothalamus, ventromedial hypothalamic regulation of blood glucose and mechanisms of feeding regulation housed in the lateral parabrachial nucleus. We currently have an opening for a post-doctoral fellow interested in the central control of energy balance. The ideal candidate will have a working knowledge of rodent neuroanatomy, an interest in physiology and exposure to rodent surgery. Interested candidates should contact Dr. David Olson: dpolson@med.umich.edu.

SHORE LAB
Research fellow Kresge Institute

External Postdoc Openings

The Steinmetz Lab at the University of Washington in Seattle (www.steinmetzlab.net) is seeking applications for a position as a post-doctoral scientist. The scientist will work on data analysis and modeling in order to advance our large-scale electrophysiology technologies and our understanding of distributed computation across the brain. The primary focus of the position is the ‘Neuropixels Ultra’ project, in which we are developing novel electrophysiological technologies in collaboration with colleagues at the Allen Institute for Brain Science and with Johns Hopkins University. More details here.
Kim Lab at University of California, Santa Barbara is seeking a talented and motivated postdoc to study visuomotor computations using two-photon calcium imaging in tethered behaving Drosophila in a virtual reality arena. Skills necessary to perform rigorous behavioral and physiological data analysis and computational modeling are desirable. More details here.

**Funding Opportunities**

Please refer to this [list](#) of predoctoral funding opportunities for more information.