

# UNIVERSITY OF MICHIGAN NEUROSCIENCE CONFERENCE



*Bringing together current U-M faculty, staff, postdocs, and students to experience scientific presentations, poster sessions, and networking opportunities.*

**MONDAY, MAY 13**

5:00 - 10:00 P.M.

North Campus Research Complex / NCRC

**TUESDAY, MAY 14**

9:00 A.M. - 5:00 P.M.

Biomedical Science Research Building / BSRB

*\* Closing reception to follow Tuesday's program*

SPONSORED BY:





# UNIVERSITY OF MICHIGAN NEUROSCIENCE CONFERENCE



## MONDAY, MAY 13

### OPENING RECEPTION & DINNER

NCRC Building 18, Dining Hall

- 5:00 P.M.     Cocktails/poster session
- 6:30            Opening Remarks  
**Ravi Allada, M.D.**, MNI Executive Director  
**Carol Elias, Ph.D.**, NGP Director of Academic Programs
- 6:40            Dinner
- 7:40            Keynote Speaker - **Karthik Duraisamy**  
*Perspectives on the future of AI in Academia  
and Academic Research*
- 8:40 - 10:00   Post-Dinner Reception, including research  
posters and artwork from the U-M  
Neuroscience Community

### KARTHIK DURAISAMY



Professor, Aerospace Engineering  
Professor, Mechanical Engineering  
Director, Michigan Institute of Computational  
Discovery & Engineering

### POST-DINNER RECEPTION

8:40-10:00 PM

Reception, Poster Session, and Art Show

After the event's keynote address, guests are encouraged to peruse the art exhibit featuring the artistic skills of the UM Neuroscience Community.

Posters will also remain available for those interested in more science discussions.





# UNIVERSITY OF MICHIGAN NEUROSCIENCE CONFERENCE



## TUESDAY, MAY 14

### NEUROSCIENCE CONFERENCE PROGRAM

BSRB Kahn Auditorium, ABC Conference Rooms (continental breakfast and breaks)

- 9:00 A.M. Coffee/Breakfast
- 9:20 Welcome - **Christian Burgess, Ph.D.**, U-M Neuroscience Innovators Director
- 9:30 Speaker - **Scott Pletcher, Ph.D.**, William H. Howell Collegiate Professor of Physiology, *Neural States as Conserved Modulators of Aging*
- 10:05 Speaker - **Paul Jenkins, Ph.D.**, Assistant Professor of Pharmacology and Psychiatry, *Channel Scaffolding in Health and Disease*
- 10:40 Coffee break
- 11:05 Featured student talks - **Audrey Drotos, Emma Thornton-Kolbe**
- 11:40 Faculty Datablitz (7 min) - **Paul Kramer, Ph.D., David Antonetti, Ph.D., Zirui Huang, Ph.D., and William Stacey, M.D., Ph.D.**
- 12:20 P.M. Lunch
- 1:40 Speaker - **Jillian Pearring, Ph.D.**, Assistant Professor of Ophthalmology & Visual Sciences, *The Tectonic Complex Impedes Membrane Diffusion through the Photoreceptor Connecting Cilium*
- 2:15 Speaker - **Pierre Apostolides, Ph.D.**, Assistant Professor of Otolaryngology-Head and Neck Surgery, *Active Circuits for Active Listening*
- 2:50 Speaker - **Hayley McLoughlin, Ph.D.**, Assistant Professor of Neurology, *Unraveling SCA3 Pathogenesis and Paving the Way for Therapeutics*
- 3:25 Coffee break
- 3:55 Student & Postdoc Datablitz (7 min) - **Merci Best, Ph.D., Surjeet Singh, Ph.D., Nat Kinsky, Ph.D., Andrew Scott, Ph.D., Kristen Schuh, Marie Walicki, Gaurav Kaul, and Johnathon Gould**
- 4:50 Poster Award Winner Announcements
- 4:55 Closing Remarks
- 5-6:00 P.M. Reception



## About our Partners:

### MICHIGAN NEUROSCIENCE INSTITUTE

The brain is the most complex organ in the human body. Understanding its complexities – both normally and in disease – requires teams of scientists employing a broad range of research methods. The Michigan Neuroscience Institute (MNI) brings together investigators from across the University of Michigan campus to probe the mysteries of the brain on a cellular, molecular, and behavioral level. MNI cultivates a collaborative, inclusive, and diverse environment to support established neuroscientists and those in training as they strive to better understand the nervous system and to, ultimately, improve lives.

#### Contact MNI:



[medicine.umich.edu/dept/michigan-neuroscience-institute](http://medicine.umich.edu/dept/michigan-neuroscience-institute)



@UM\_MNI



[Michigan-Neuroscience-Institute@umich.edu](mailto:Michigan-Neuroscience-Institute@umich.edu)



### U-M NEUROSCIENCE GRADUATE PROGRAM

In 1971, the University of Michigan established its Neuroscience Graduate Program (NGP), making it the longest-standing neuroscience graduate program in the United States. Over 270 alumni have received their Ph.D. in Neuroscience and now share their talents and expertise in academia, industry, non-profit, and government organizations, to name a few. The NGP promotes interactions between faculty and students, making it the nexus of the neuroscience community.

#### Contact NGP:



[medschool.umich.edu/interdisciplinary-programs/neuroscience-graduate-program](http://medschool.umich.edu/interdisciplinary-programs/neuroscience-graduate-program)



@NGPMichigan



[neuroscience-program@med.umich.edu](mailto:neuroscience-program@med.umich.edu)



### U-M NEUROSCIENCE INNOVATORS

The U-M Neuroscience Innovators is a forum initiated by young investigators to foster collaborative and innovative research across the University of Michigan neuroscience community. Using the latest tools, techniques and approaches, the U-M Neuroscience Innovators are generating new knowledge about the brain at many levels, from single cells and circuits, to the whole brain. These efforts are shedding light on how brains develop and change over time, and simultaneously unraveling the processes that underlie memory, behavior and even consciousness.

#### Contact the Innovators:



[crburge@umich.edu](mailto:crburge@umich.edu) (U-M Neuroscience Innovators Director Christian Burgess, Ph.D.)



**SAVE THE DATE**



UNIVERSITY OF MICHIGAN

**NEUROSCIENCE  
CONFERENCE**

**MON 5.15.25 TUE 5.16.25**

*Bringing scientists together from across schools,  
departments and institutes at the University of Michigan  
to network and celebrate neuroscience.*

