

University of Michigan
NEUROSCIENCE
CONFERENCE **23**

WEDNESDAY, JUNE 28

5:00 - 10:00 p.m.

North Campus Research Center (NCRC)

THURSDAY, JUNE 29

9:00 a.m. - 5:00 p.m.

Biomedical Science Research Building (BSRB)

Closing reception will follow Thursday's program

Presented by:





University of Michigan **NEUROSCIENCE CONFERENCE** 23

Wednesday, June 28

OPENING RECEPTION & DINNER

NCRC Building 18, Dining Hall

- 5:00 P.M. Poster Session/Opening Reception
- 6:45 Opening Remarks: **Shelly Flagel, Ph.D.**
- 7:00 Dinner
- 8:00 Keynote Speaker: **Ravi Allada, M.D.**
Edward C. Stuntz Distinguished
Professor, Chair, Northwestern University
E pluribus MNI



ALLADA

ENTERTAINMENT & ART SHOW

8:40-10:00 PM
Poster Session, Art Show, and Reception

After the event's keynote address, the Neuroscience Graduate Program will present an art show featuring the artistic skills of members of the UM Neuroscience community. We will have art performances (music, poetry, dance, etc.) and visual arts exhibition. We are excited to see the many talents of our fellow neuroscientists!

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



TOP: A sample of art pieces created by NGP Students. **BOTTOM:** The NGP Band "PIDGEN."



University of Michigan NEUROSCIENCE CONFERENCE 23

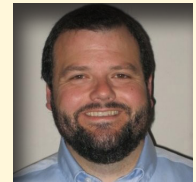
Thursday, June 29

NEUROSCIENCE CONFERENCE PROGRAM

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

- 9:00 A.M. Coffee/Breakfast
- 9:20 Welcome - **Carol Elias, Ph.D.**, Director Academic Program, Neuroscience Graduate Program
- 9:30 Speaker - **Michael T. Roberts Ph.D.**, Assistant Professor, Department of Otolaryngology-Head and Neck Surgery, University of Michigan. *Neuropeptide Y Regulates Recurrent Excitation in the Auditory Midbrain*
- 10:05 Speaker - **Catherine Kaczorowski, Ph.D.**, Elinor Levine Professor of Dementia Research, Professor of Neurology, University of Michigan. *Using Complex Genetics in Mice to Unlock the Secrets of Resilience to Dementia*
- 10:40 Coffee Break
- 11:05 NGP Student Innovator Award Talks - **Amada Iglesias/Flagel Lab** (*Inhibition of dopamine neurons prevents incentive value encoding of a reward cue: With revelations from deep phenotyping*), **Katie Bonefas/Iwase Lab** (*Ectopic expression of germline genes with loss of the X-linked intellectual disability factor KDM5C*)
- 11:40 Speaker - **Anthony Rosenzweig, M.D.**, Director, Institute for Heart and Brain Health, University of Michigan. *Lnc'ing Exercise to its Benefits*
- 12:20 P.M. Group Photo in Atrium, Lunch (*free professional headshots available 12:30-4 P.M. - please sign up at the Registration table*)
- 1:40 Speaker - **Gideon Rothschild, Ph.D.**, Assistant Professor of Psychology, University of Michigan. *Neural Mechanisms for Sound-Guided Behaviors*
- 2:15 Speaker - **Swathi Yadlipalli, Ph.D.**, Assistant Professor, Cell & Developmental Biology, University of Michigan. *Spatiotemporal Mechanisms Controlling Circadian Rhythms*
- 2:50 Speaker - **Srijan Sen, M.D., Ph.D.**, Frances and Kenneth Eisenberg Professor of Depression and Neurosciences, University of Michigan. *Physician Training as a Model to Understanding Individual Pathways to Depression: Insights from the Intern Health Study*
- 3:25 Coffee Break
- 3:55 Trainee Data Blitz: **Noam Gannot/Peng Li Lab**, **Marie Walicki/Birdsong Lab**, **Caroline Hsieh/Barmada Lab**, **Emily Peirent/Bielas Lab**, **Nathaniel Kinsky/ Diba Lab**, **Princess Felix/Flagel Lab**, **Isha Verma/ Parent Lab**, **Viktoria Kirschnerova/ Kwan Lab**
- 4:50 Poster Award Winner Announcements
- 4:55 Closing Remarks
- 5-6:00 P.M. Post-Conference Reception in the BSRB Atrium

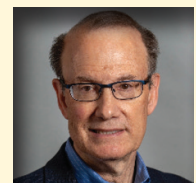
INVITED FACULTY SPEAKERS



ROBERTS



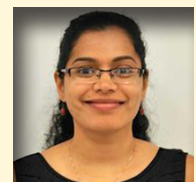
KACZOROWSKI



ROSENZWEIG



ROTHSCHILD



YADLIPALLI



SEN

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



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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:



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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.



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