

2018 UChicago Neuroscience Retreat

Marina Grand Resort, New Buffalo, MI

New Buffalo is on Eastern Standard Time (EST)

1 hour ahead of Chicago



Thursday, September 13th

8:30 AM CST (9:30 AM EST) Coach bus departs from University of Chicago

10:45 AM EST Check-in at the hotel front desk and brunch

All times below are EST

12:00 PM **Retreat Opening – Daniel McGehee and David Freedman** *Graveney Room*

Plenary Session I *A.J. Carlson Memorial Lecture*

12:05 PM **Introduction – Wei Wei**

12:10 PM **Marla Feller** (Neurobiology, UC Berkeley), Wiring up direction selective circuits in the retina: nature or nurture?

1:15 PM **Presentation of the new CON/CNS/IN graduate students** *Julian Day-Cooney*

1:45 PM Coffee Break

Session I *Moderator: Jen Ding*

2:00 PM **Xiaochang Zhang** (Human Genetics), Cell type-specific alternative RNA splicing controls cerebral cortex development.

2:30 PM **Christina Mo** (Sherman lab, Neurobiology), Transthalamic pathways in cortical communication.

2:45 PM **Eshaan Rao** (Gomez lab, Cmt. on Neurobiology), Overlapping Cistrons in Neuronal Voltage Gated Ion Channels.

3:00 PM **Sofija Canavan** (Margoliash lab, MSTP-Computational Neuroscience), Sleep structure during motor replay.

Recreational Activities

[3:30-8:00 PM Poster setup]

3:30 PM Meet in the hotel lobby to participate in beach activities organized by the retreat committee.

6:00-7:00 PM **Breakout Discussion Groups** (with refreshments)

<i>Discussion Leaders</i>	<i>Topics</i>
Nicho Hatsopoulos, Bobby Kasthuri	Career Development/transition into industry
Dave Freedman, Ellie Heckscher	Work/Life Balance and fun things to do in Chicago
Ruth Anne Eatock, Dan Margoliash	Effective teaching and mentoring
John Maunsell, Wei Wei	How to secure a postdoctoral position
Elena Rizzo, Stephanie Thomas	Campus resources and neuroscience at UChicago

7:15 PM Dinner

8:30-10:30 PM **Poster Session** *Faculty organizer: Matthew Kaufman*

Friday, September 14th

8:30 AM Breakfast; Bring luggage for check-out

Session II *Moderator: Andrew Sheriff* *Graveney Room*

9:30 AM **Poster awards and other recognitions:** *Matthew Kaufman*

9:45 AM **Ruth Anne Eatock** (Neurobiology), Mechanoelectrical signaling in the vestibular inner ear.

10:15 AM **Hemraj Dodiya** (Sisodia lab, Neurobiology), Antibiotic-perturbed gut microbiome reduces cerebral amyloidosis and alters microglia phenotype in APPSWE/PS1L166P Alzheimer's transgenic mice in a gender-specific manner.

10:30 AM **Alex Lee** (Hatsopoulos lab, Cmt. on Computational Neuroscience), Cortico-cortical connections between the primary motor and somatosensory cortical areas in the macaque.

10:45 AM **Nicole Hakim** (Vogel lab, Integrative Neuroscience), Neural correlates of attention and working memory distinctly respond to task-irrelevant interruption.

11:00-11:30 AM Coffee Break

Plenary Session II *A.J. Carlson Memorial Lecture*

11:30 AM **Introduction – Sarah London**

11:35 AM **Joshua Trachtenberg** (Neurobiology, UCLA), Young cortex ain't what it used to be.

12:35 PM **Retreat Closing – David Freedman and Daniel McGehee**

12:45 PM Lunch

Mezzanine

2:00 PM Transportation to the University of Chicago; arrival at 2:15 PM CST