

2017 UChicago Neuroscience Annual Retreat

The Marina Grand Resort, New Buffalo, MI
September 28-29, 2017

*New Buffalo is on Eastern Standard Time (EST)
1 hour ahead of Chicago*



Thursday, September 28th

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 - David Freedman**

Graveney Room

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

12:05 PM **Introduction – Ed Awh**

12:10 PM **Ken Norman** (Psychology, Princeton University), Decoding brain activity during continuous perception and recall

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

1:30 PM Coffee Break

Session I **Moderator: Jeff Johnston**

2:00 PM **Robert Carrillo** (Cell & Molecular Biology), Interactions between IgSF proteins in neural circuit formation

2:30 PM **Jared Salisbury** (Palmer lab, Cmt. on Computational Neuroscience), Natural motion statistics and the retinal neural code

2:45 PM **Gabrielle Watkins** (Hansel lab, Cmt. on Neurobiology), Cholinergic modulation of intrinsic plasticity in cerebellar Purkinje cells

03:00 PM **Robert Andrew** (Thinakaran lab, Neurobiology), BACE1 palmitoylation as a modulator of amyloid burden and memory deficits in Alzheimer's disease mouse models

Recreational Activities

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

3:30 - 5:30 PM Optional outdoor activities

6:00-7:00 PM **Breakout Discussion Groups**

<i>Discussion Leaders</i>	<i>Topics</i>
<i>Dave Freedman and Dan Margoliash</i>	The faculty search process
<i>Ruth Anne Eatock</i>	How to choose a dissertation topic and thesis committee
<i>Leslie Kay</i>	Diversity and inclusion in the UChicago community
<i>John Maunsell</i>	The Grossman Institute and its role in supporting students
<i>Dan McGehee</i>	The graduate student unionization process

7:15 PM Dinner

8:30-10:30 PM **Poster Session** (with refreshments) *Faculty organizer: Jason MacLean*
8:30-9:15: Group A; 9:30-10:15: Group B

10:30-Midnight Music and Open Bar

Friday, September 29th

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

Session II *Moderator: AJ Miller* *Graveny Room*

9:30 AM **Poster awards and other recognitions: Brian Prendergast**

9:45 AM **Stephanie Palmer** (Organismal Biology and Anatomy), Reading out the retinal population code: prediction and criticality

10:15 AM **Manoj Doss** (Gallo lab, Integrative Neuroscience), MDMA impairs both the encoding and retrieval of emotional recollections

10:30 AM **Chris Chen** (Wei lab, Cmt. on Computational Neuroscience), Neural mechanisms of retinal motion detection in a noisy background

10:45 AM **Krithika Mohan** (Freedman lab, Cmt. on Neurobiology), Neuronal encoding in parietal cortex during categorization task switching

11:00-11:30 AM Coffee Break

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

11:30 AM **Introduction – Elizabeth Heckscher**

11:35 AM **Gordon Fishell** (Neuroscience & Physiology, NYU), Making up your mind: the specification and integration of interneurons into the cerebral cortex.

12:30 PM **Retreat Closing - Daniel McGehee**

12:45 PM Lunch

Mezzanine

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