

# CHEN INSTITUTE RETREAT 2024

Day 1: Friday, March 22

1:00 PM	<b>BUS LEAVES FOR LAKE ARROWHEAD - Meet at the tournabout on Holliston Avenue at the east end of the Moore Walk</b>
4:00 PM	Check-in Begins
5:00 PM	Poster Session and Happy Hour - Lakeview Room
6:30 PM	<b><i>DINNER</i></b>
8:00 PM	Scientist Snapshots - Pineview Room
10:00 PM	<b><i>END OF DAY 1</i></b>

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Day 2: Saturday, March 23

<b>8:00 AM</b>	<b>BREAKFAST</b>
<b>9:15 AM</b>	Kick Off, David Anderson
<b>9:30 AM</b>	Dean Mobbs: <i>Adaptive Safety Coding in the Human Prefrontal Cortex</i>
<b>9:50 AM</b>	Amit Vinograd (Anderson Lab): <i>Intrinsic Dynamics and Neural Implementation of an Aggressive State</i>
<b>10:10 AM</b>	Laura Luebbert (Pachter Lab): <i>Efficient and accurate detection of viral sequences at single-cell resolution reveals novel viruses perturbing host gene expression</i>
<b>10:30 AM</b>	<b>COFFEE BREAK</b>
<b>10:55 AM</b>	Michelle Effros: <i>On a Theory of Neuronal Stability (and Why It Matters for Memory, Learning, and Probably Almost Everything Else)</i>
<b>11:15 AM</b>	Carlos Lois: <i>The illusion of reliable brain function</i>
<b>11:35 AM</b>	Yang Zheng (Hong Lab): <i>Structured inhibition and its role in the transformation of olfactory representation in the fly</i>
<b>12:00 PM</b>	<b>LUNCH</b>
<b>1:00PM</b>	Varun Wadia (Rutishauser Lab): <i>A shared code for perceiving and imagining objects in human ventral temporal cortex</i>
<b>1:20 PM</b>	Rohit Dilip (Van Valen Lab): <i>A Foundation Model for Cell Segmentation</i>
<b>1:40 PM</b>	Yujing Yang (Cai Lab): <i>Imaging genome-wide nuclear compartmentalization across diverse cell types in the mouse cerebellum</i>
<b>2:00 PM</b>	<b>FREE TIME</b>
<b>5:00 PM</b>	<b>POSTER SESSION AND SOCIAL</b>
<b>6:30 PM</b>	<b>DINNER</b>
<b>8:00 PM</b>	Game Night - Science Edition, followed by S'Mores - Pineview Room
<b>10:00 PM</b>	End of Day 2

**CHEN INSTITUTE RETREAT 2024**  
**DAY 3: SUNDAY, MARCH 24**

<b>8:00 AM</b>	<b>BREAKFAST</b>
<b>9:05 AM</b>	Kick Off, Carlos Lois
<b>9:10 AM</b>	Sean Hu (Camerer lab): <i>Power Laws and Neural Habitization</i>
<b>9:30 AM</b>	Richard Andersen: <i>Unlocking movement with brain-machine interfaces</i>
<b>9:50 AM</b>	Olivia Wan (Sternberg lab): <i>Sex pheromone-triggered mate-searching behavior</i>
<b>10:10 AM</b>	Aman Bhargava (Thomson lab): <i>Thinking Machines: Toward Robust Thought and Reasoning in LLMs</i>
<b>10:30 AM</b>	<b>BREAK - Check Out</b>
<b>11:00 AM</b>	Shyue-fang Battaglia-Hsu (Chou Lab): <i>Multifunctional Phospholipase A2 Activating Protein PLAA</i>
<b>11:20 AM</b>	Yujie Fan, Gradinaru Lab: <i>Building human Gut-Vagus-Brain assembloid in vitro for the study of Parkinson's disease</i>
<b>11:40 AM</b>	Yuki Oka: <i>Fluid regulation across species</i>
<b>12:00 PM</b>	<b>FAREWELL LUNCH</b>
<b>1:00 PM</b>	<b>BUS LEAVES FOR CALTECH</b>