

TOPICS IN SENSORIMOTOR CONTROL

Lecture Weds 3-5pm L5-084	Lab Visit or Activity Thurs 4-5pm	Faculty/Presenter	Lecture Topic	Topic for Lab Visit or Other Activity	Location of Lab Visit or Other Activity
1/14/2026	1/15/2026	Daniel Wolpert	Principles of Sensorimotor Control	Robotic interfaces and VR to study human sensorimotor control	4th Fl, Quad 4D, Room L4-075A
1/20/2026 NOTE TUESDAY	1/23/2026 FRIDAY 3-4pm	Lea Duncker	Dynamical Systems Approaches	Dynamical Systems Approaches—Current Research-	5th Fl, Large Conference Room, L5-084
1/28/2026	1/29/2026	Mark Churchland	Cortical Control of Movement	Rig setups, including real-time computers for experimental control. Neuropixels recording setups (including multi-probe drive systems).	6th Fl, Quad A, Office is L6-004
2/4/2026	2/5/2026	Ashok Litwin-Kumar	Models of Learning and Motor Control in Cerebellum and Basal Ganglia	Discussion of prospective and retrospective accounts of dopamine activity	5th Fl, Large Conference Room, L5-084
2/10/2026 NOTE TUESDAY	2/12/2026	Nate Sawtell	Cerebellar Sensorimotor Control and Corollary Discharge	Electrophysiology and behavioral rigs for mice and/or electric fish	7th Floor, Quad C
2/18/2026	2/19/2026	Matt Whiteway (CTN/Paninski Lab)	Decoding Behavior and Prediction of Neural Activity	Hands-on Lightning Pose demo	5th Fl, Medium Conference Room, L5-116
2/25/2026	2/26/2026	Vikram Gadagkar	Reinforcement Learning in the Songbird	Birdsong research, freely-moving electrophysiology, dopamine photometry, social behavior tracking, analysis of neural and behavioral data.	4th Fl, Quad B, L4-029
3/4/2026	3/5/2026	Gwyneth Card	Sensorimotor Control in the Fly	FlyPez behavior rigs, whole cell patch clamp electrophysiology, 2-photon imaging	7th Fl, Quad D
3/11/2026	3/12/2026	No Class	COSYNE	No Class	N/A
3/18/2026	3/19/2026	No Class	COLUMBIA SPRING BREAK	No Class	N/A
3/25/2026	3/26/2026	Stephen Huston	Brain-Body Interactions in Motor Control	Tethered flight behavioral experiments (Drosophila)	7th Fl, Quad 7C, L7-048
4/1/2026	4/2/2026	Larry Abbott	Coordinate Transformations and Steering Computation	How to collaborate, conversation with experimental researcher	5th Fl, Medium Conference Room, L5-116
4/8/2026	4/9/2026	Michael Shadlen	Perceptual decision-making: Speed vs accuracy and frames of reference	Saccade adaptation experiment in the human psychophysics room	5th Fl, Quad A
4/15/2026	4/16/2026	No Class	N/A	No Class	N/A
4/22/2025 Canceled	4/23/2026 Canceled	Daphna Shohamy	Human Learning, Memory, and Decision-making	fMRI, analytic tools, model-based fMRI-analyses	3rd Floor, Quad D