

EDUCATION	HARVARD UNIVERSITY, CAMBRIDGE, MA	2018 -
	Ph.D. in Neuroscience	
	RICE UNIVERSITY, HOUSTON, TX	2014 - 2018
	B.A. in Cognitive Sciences with Honors	
	Minors in Neuroscience, Computational and Applied Mathematics	
	Distinction in Research and Creative Work	
AWARDS &HONORS	National Science Foundation Graduate Research Fellowship	2018 - 2023
	Phi Beta Kappa National Honor Society	2018
	Cognitive Computational Neuroscience student travel award	2017
	Janelia Undergraduate Scholars Program Fellowship	2017
	Barry M. Goldwater Scholarship honorable mention	2017
	Center for Sensorimotor Neural Engineering (CSNE) NSF-REU Fellowship	2016
	Computational and Systems Neuroscience (Cosyne) undergraduate travel award	2016
	Rice Undergraduate Scholars Program thesis grant	2016 - 2018
RESEARCH	BAYLOR COLLEGE OF MEDICINE, HOUSTON, TX	JAN 2015 – JUN 2018
	Advisor: Jeffrey Yau	
	<ul style="list-style-type: none"> Designed behavioral experiments and built computational models to understand flexibility in multisensory perception. 	
	JANELIA RESEARCH CAMPUS, ASHBURN, VA	JUN 2017 – AUG 2017
	Advisor: Joshua Dudman	
	<ul style="list-style-type: none"> Used <i>in-vivo</i> neural recordings to understand how the motor cortex and striatum represent the kinematics of motor behaviors during reward-seeking actions. 	
	MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MA	JUN 2016 – AUG 2016
	Advisor: Mehrdad Jazayeri	
	<ul style="list-style-type: none"> Designed behavioral experiments and built Bayesian inference models to understand the role of memory in sensorimotor updating. 	
PRESENTATIONS &PAPERS	Lai, L., Magnotti, JF., Yau, JM. <i>Multisensory context warps time perception</i> . Cognitive Computational Neuroscience meeting, New York, NY, conference paper: September 7, 2017.	
	Lai, L., Dudman, JT. <i>Neural correlates of action kinematics in the dorsal striatum</i> . Janelia Undergraduate Scholars symposium, Ashburn, VA, poster: August 3, 2017.	
	Lai, L., Magnotti, JF., Yau, JM. <i>Contextual determinants of cue binding or separation in multisensory time perception</i> . International Multisensory Research Forum annual meeting, Nashville, TN, poster: May 21, 2017.	
	Lai, L., Yau, JM. <i>Attractive and repulsive multisensory interactions in time perception</i> . Society for Neuroscience annual meeting, San Diego, CA, poster: November 14, 2016.	
	Lai, L., Jazayeri, M. <i>Characterizing variability in memory recall of time intervals</i> . Center for Sensorimotor Neural Engineering REU Symposium, Seattle, WA, poster: August 17, 2016.	

TEACHING | TEACHING FELLOW, HARVARD MEDICAL SCHOOL S 2019

- o Designing a graduate course on probabilistic modeling of neural data (w/ Jan Drugowitsch)

TEACHING ASSISTANT, BAYESIAN TUTORIAL COURSE COSYNE 2019

- o Led computational exercises at crash course on Bayesian modeling (w/ WeiJi Ma)

HPREP CURRICULUM TEAM, HARVARD MEDICAL SCHOOL F 2018

- o Teaching and curriculum development with [HPREP](#), a science enrichment program for underserved Boston-area high school students.

COLL 158: HOW MUSIC PLAYS THE BRAIN, RICE UNIVERSITY S 2017, F 2017, S 2018

- o Designed and taught a seminar course on the intersection of music and neuroscience. Topics include the neurobiology of music perception and cognition, music therapy, AI and music, etc. Won the [2017 Rice Student-Taught Course Award!](#)

TEACHING ASSISTANT, RICE UNIVERSITY

1. [NEUR/PSYC 362](#): Cognitive Neuroscience S 2016, S 2017, S 2018
2. [NEUR/CAAM 416](#): Neural Computation S 2018
3. [NEUR/BIOC 385](#): Cellular and Molecular Neuroscience F 2016
4. [STAT 310](#): Probability and Statistics F 2016
5. [PSYC 203](#): Cognitive Psychology F 2015

BRAINSTEM, KIPP SUNNYSIDE HIGH SCHOOL 2015 – 2017

- o Mentored and taught high school students through a neuroscience curriculum.

SPLASH, RICE UNIVERSITY S 2017

- o Taught middle schoolers from Houston-area schools about neuroscience and music.

LEADERSHIP & PROFESSIONAL |

- Head Academic Fellow**, Lovett College, Rice University 2016 - 2018
- Catalyst Executive Editor**, Rice Undergraduate Science Research Journal 2014 - 2016
- Conference Organizer**, Exploring the Mind through Music Conference, Rice University 2016
- Alumni Week Coordinator**, Lovett College, Rice University 2016
- Urban Immersion Coordinator**, Center for Civic Leadership, Rice University 2014 - 2015
- Tour Guide**, Welcome Center, Rice University 2014 - 2015

SKILLS & OTHER |

- Programming:** MATLAB, Python, Javascript, HTML/CSS
- Lab:** psychophysics, Amazon MTurk, *In-vivo* acute electrophysiology, rodent behavior
- Interests:** classical music, poetry, long-distance running, coffee