

EDUCATION	Texas A&M University (TAMU) Ph.D., Department of Psychological & Brain Sciences (PBSI) Cognition & Cognitive Neuroscience (CCN)	2018 – present
	University of California, San Diego (UCSD) B.S. Cognitive Science w/ Neuroscience Minor in English Literature	2012 - 2017
RESEARCH POSITIONS	Learning & Attention Lab, Texas A&M University Advisor: Dr. Brian Anderson	2017 – present
	Cognitive Neuroscience Lab, UC San Diego Advisor: Dr. Jaime Pineda	2016 – 2017
	Center for Brain & Cognition, UC San Diego Advisor: Dr. V.S. Ramachandran & Dr. Chaipat Chunharas	2016 - 2017
PUBLICATIONS	Liao M-R , & Anderson BA (in prep) Neural Correlates of Value-Driven Spatial Attention. <i>Neuroimage</i> .	
	Liao M-R , Lesne P, & Anderson BA (in prep) Motivation-dependent Effects of Selection History. <i>Visual Cognition</i> .	
	Anderson, B. A., Kim, H., Kim, A. J., Liao, M-R , & Gregoire, L. (in prep). The past, present, and future of selection history. <i>Attention, Perception & Psychophysics</i> .	
	Liao M-R , & Anderson BA (accepted) Inertia in Value-Driven Attention. <i>Learning & Memory</i> .	
	Liao M-R , Britton, MK, & Anderson BA (2020) Selection History is Relative. <i>Vision Research</i> , 175, 23-31.	
	Liao M-R , Grégoire L, & Anderson BA (2020) The Influence of Threat and Aversive Motivation on Conflict Processing in the Stroop task. <i>Attention, Perception & Psychophysics</i> , 82(6), 2802-2813.	
CONFERENCE POSTERS	Liao M-R , & Anderson BA (2020) Reward Learning Biases the Direction of Saccades, <i>Cognition</i> . 196, 104145.	
	Mrkonja L, Liao M-R , Britton MK, & Anderson BA (2020) Selection History is Relative – Virtual-Object Perception visual Attention & visual Memory (OPAM)	
	Grindell J, Liao M-R , & Anderson BA (2020) Mind’s Eye vs. Mine Eyes? Effects of Imagery and Perceptual Priming on Singleton Search – Virtual-OPAM	
	Liao M-R , Lesne P, & Anderson BA (2020) Motivation Dependent Effects of Selection History, Virtual-OPAM	
	Liao M-R , Britton MK, & Anderson BA (2020) Selection History is Relative. Psychonomic Society – Virtual Meeting	
	Liao M-R , Kim J, & Anderson BA (2020) The Neural Correlates of Value-Driven Spatial Attention. Virtual-Vision Sciences Society (VSS),	
Liao M-R , Grégoire L, & Anderson BA (2019) The Influence of Threat and Aversive Associations on Conflict Processing in the Stroop Task. Psychonomic Society, Montreal, Canada		

Liao M-R, & Anderson BA (2019) Old Habits Die Hard: Value-Driven Attentional Capture Resists Devaluation. OPAM, Montreal, Canada

Liao M-R, & Anderson BA (2019) Reward Learning Biases the Direction of Saccades in Visual Search. Vision Sciences Society, St. Pete Beach. FL

Liao M-R, & Anderson BA (2018) Reward Learning Biases the Direction of Saccades in Visual Search. ARMADILLO regional conference, Houston, TX

Chunharas C, Vayyala K, Chen W, **Liao M-R**, Vajanaphanich M, & Ramachandran VS (2016) Memories of Object Size Change in Accordance with Value Assigned. Psychonomic Society, Boston, MA

CONFERENCE TALKS

Anderson BA, Grégoire L, Kim H, Kim A.J., & **Liao M-R** (2020) Overcoming Value-Driven Attentional Capture. Psychonomic Society – Virtual Meeting

Anderson BA, Mrkjonja L, & **Liao M-R** (2020) Shaping Eye Movements During Naturalistic Viewing Using Aversive Conditioning With Near-Real-Time Feedback. Psychonomic Society – Virtual Meeting

Anderson BA, Kim H, Kim J, Britton MK, Grégoire L, & **Liao M-R** (2019) Reward and Punishment Bias Attention Through a Common Underlying Mechanism. ARMADILLO Regional Conference, San Antonio, TX

AWARDS & DISTINCTIONS

Departmental Travel Award (\$825), PBSI, TAMU	2020
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Elsevier/Vision Research Travel Award (\$50), Virtual-VSS	2020
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STAR-Cog Summer Fellowship Award/Elizabeth Greenwade Qualls '89 Endowed Fellowship (\$3,000), PBSI, TAMU	2020
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Honorable Mention - National Science Foundation Graduate Research and Fellowship Program (NSF GRFP)	2020
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Third Place – 2nd Year Poster Presentation (\$150), PBSI, TAMU	2019
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Conference Travel Award (\$250), OPAM	2019
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Second Place – Oral Research Presentations (\$150), Student Research Week (SRW), TAMU	2019
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Departmental Travel Award (\$450), PBSI, TAMU	2019
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Start-Up Award (\$4,000), PBSI, TAMU	2018
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Provost Honors – UCSD	2015-2017
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RESEARCH PRESENTATIONS

Liao M-R, Kim J, & Anderson BA (2020) Neural Correlates of Value-Driven Spatial Attention. SRW. College Station, TAMU

Liao M-R, & Anderson BA (2019) Reward Learning Biases the Direction of Saccades in Visual Search, SRW, TAMU

Selli A, Pederson P, & **Liao M-R** (2019) Motivation-dependent Effects of Selection History on Attention, SRW, College Station, TAMU

GUEST LECTURES	Research in Cognition & Cognitive Neuroscience, Seminar for Psychology Majors, TAMU	2019
	Sensation & Perception in the lab and in the brain, College Station High School, College Station, TX	2019
	Joint-Action to Create Humor, Both Good and Bad. Cognitive Ethnography (COGS 102B), La Jolla, CA	2020
TEACHING EXPERIENCE	MATLAB & PsychToolBox Workshop, Coordinator & Co-Instructor, TAMU	2019-2020
	Sensation and Perception, Instructional Assistant, UCSD	2017
MENTORING EXPERIENCE	Aarun Selli, BS Candidate, Economics, Undergraduate RA	2019
	Peyton Pederson, BA Candidate, Psychology, Undergraduate RA	2019
	Melissa Perez, BS Candidate, Nuclear Engineering, Undergraduate RA	2020
	James Grindell, BS Geophysics, Postbaccalaureate RA	2020
	Mason Dillard, BS Candidate, Ecology & Conservation Biology, Undergraduate RA	2020
	Cameron Chisolm, BS Candidate, Biomedical Science, Undergrad RA	2020
	Valerie Vierkant, BS Candidate, Biomedical Science, Undergrad RA	2020
	Chloe Garcia, BA Candidate, Psychology, Undergrad RA	2020
	Cameron Kotek, BA Candidate, Psychology, Undergrad RA	2020
SELECTED ADMINISTRATIVE & ACADEMIC SERVICES	Graduate Student Representative, Graduate Studies Committee, PBSI, TAMU	2020 – present
	Founding Member, PBSI, EdPsych, and Neuroscience Graduate Group (PENG) on Diversity, Equity, and Inclusion, TAMU <ul style="list-style-type: none"> Support group and task force on issues related to diversity, equity and inclusion Advocated for a designated ombudsperson in multiple departments 	2020 – present
	President, PBSI Department Organization of Graduate Students, TAMU <ul style="list-style-type: none"> Maintained the graduate student handbook Advocated for equitable student evaluations 	2019 – present
	TAMU Representative, Student Advocates for Graduate Education (SAGE)	2018 – 2020
	Chair, Awards Committee, Graduate & Professional Student Government (GPSG), TAMU <ul style="list-style-type: none"> Managed over \$25,000 in travel award and professional development funding Overhauled the review system to model that of federal agencies (i.e. NIH) 	2018 – 2020
	Governance Board Member, GPSG, TAMU Successful resolutions include: <ul style="list-style-type: none"> Separate commencement and hooding ceremonies for PhD students Payment of fees for PhD graduate assistants 	2018 – 2020

	Alternate PBSI Senator, GPSG, TAMU	2018 - 2020
	Graduate Student Representative, University Disciplinary Appeals Panel, TAMU	2018 - 2020
	Graduate Student Representative, Council for Built Environment, TAMU	2018 - 2020
	Alternate Graduate Student Representative, Council for Principal Investigators, TAMU	2018 - 2019
	Graduate Student Representative, Student Health Advisory Board, TAMU	2018 - 2019
SELECTED OUTREACH & COMMUNITY ENGAGEMENT	Coordinator – Research in PBSI, Psychology Club General Assembly Meeting, TAMU	2020
	TAMU Representative, SAGE – (virtual) Day On the Hill, Washington D.C.	2020
	Grad Student Representative, Research in Liberal Arts Fundraising Event, TAMU	2020
	Coordinator & Presenter – Research in Psychology & Neuroscience, Aggieland Saturday, TAMU	2020
	Coordinator & Panel Member – McNair’s Scholars Visit – TAMU	2019
	Coordinator & Presenter – Cognitive Neuroscience Research at Texas A&M – tour, presentation and demonstrations, TAMU	2019
	TAMU Representative, Council of Graduate Schools, Washington D.C.	2019
	Judge – Student Research Week, TAMU	2019
	Coordinator & Presenter – Research in Psychological & Brain Sciences, Aggieland Saturday, TAMU	2019
	Coordinator & Volunteer – EGSO & GPSG Park Clean-Up, College Station, Texas	2018
	TAMU Representative, SAGE Fall Summit, Austin, Texas	2018
PROFESSIONAL MEMBERSHIPS	Psychonomic Society	2018 – present
	Vision Sciences Society	2018 – present
Skills	Programming: Python, R, Matlab, Bash and tcsh scripting	
	Analysis Techniques: Machine Learning, Bayesian Statistics	
	Neuroimaging packages: AFNI	