

Christopher “Tyler” Short

✉ Christopher.Short@UTDallas.edu 🌐 [AceTylercholine.com](https://www.ace-tylercholine.com)

Education

2023 (expected)	M.S. Applied Cognition & Neuroscience University of Texas at Dallas (Richardson, TX) Cumulative GPA: 3.3
2021	B.S. Neuroscience University of Texas at Dallas (Richardson, TX) Major GPA: 3.3 Cumulative GPA: 2.9
2017	A.S. Applied Science Dallas County Community College (Dallas, TX) Cumulative GPA: 3.4

Research Experience

2023–Present	Research Associate / Project Lead (2 Studies) <u>Filbey Lab</u> , Center for Brain Health, <i>UT Dallas</i> Dr. Francesca Filbey 1. Transcutaneous Auricular Vagus Nerve Stimulation - Executive Function 2. Primary Motivations Behind Cannabis Use - Intents and Perspectives
2021–2023	Graduate Research Assistant / Project Co-Lead <u>Filbey Lab</u> , Center for Brain Health, <i>UT Dallas</i> Dr. Francesca Filbey Transcutaneous Auricular Vagus Nerve Stimulation - Executive Function
2019-2020	Research Assistant <u>PAIN Neurobiology Research Group</u> , <i>UT Dallas</i> Dr. Theodore Price, Dr. Greg Dussor Transcriptomics of Dorsal Root Ganglia
2018-2019	Research Assistant <u>Texas Biomedical Device Center</u> , <i>UT Dallas</i> Dr. Crystal Engineer, Dr. Michael Kilgard, Dr. David Pruitt Vagus Nerve Stimulation Assisted Stroke Recovery in Rats
2018-2019	Grant Specialist Intern <u>Ted’s Brain Science, Inc.</u> Dr. Theodore Price, Dr. Greg Dussor Formulation & Efficacy of Analgesic Resveratrol (Department of Defense)

Presentations

2023 Summer	Invited Talk – taVNS & Executive Function <i>D'Mello Lab, UT Southwestern</i>
2018-2022	Journal Club Presentations – Neuroscience Student Association, utdntsa.org Love of Neuroscience (Companion to Neuroscience of Love), <i>2022 Spring</i> Connectomics of Neurodegeneration, <i>2020 Fall</i> Challenges and Opportunities in Mining Neuroscience Data, <i>2019 Fall</i> Patterns of ACh Predicts Preferred Learning Strategies in Rats, <i>2018 Spring</i>

Teaching Experience

2022 Fall	Teaching Assistant School of Behavioral and Brain Sciences, <i>UT Dallas</i> <i>Neurophysiology</i> , NSC 4356, Dr. Rukhsana Sultana
2022 Summer	Volunteer Teacher Science Mentorship Institute (Sci-MI), sci-mi.github.io Lecture Topic: Journal Clubs, Reading Scientific Literature Tutor: Cognitive, Clinical, Comp., & Molecular Neuro

Leadership & Outreach Experience

2021–2023	Auxiliary Officer Neuroscience Student Association, <i>UT Dallas</i>
2022 Summer	Mentor Science Mentorship Institute (Sci-MI), sci-mi.github.io
2021 Spring	Book Club Leader Unconscious Origins of Certainty, <i>Ginger Campbell</i>
2020-2021	President Neuroscience Student Association, <i>UT Dallas</i>
2019-2020	Vice-President Neuroscience Student Association, <i>UT Dallas</i>

Relevant Skills

Languages	Python MATLAB HTML
Software	PsychoPy E-Prime REDCap NIH Toolbox Linux G Suite Office 365
Methodology	EEG Cognitive Assessment Cell Culture Post-Mortem Rodent Surgery

Relevant Coursework

M.S.	MATLAB for Brain Sci. Research Methods in Psych. Brain & Language Comp. Modeling: Brain & Behavior Correlates of Cogn. Social Development Neuroeconomics Cognitive Psych Func. Neuroanatomy Systems Neuro
B.S.	Neuro Lab Methods Stats for Psych Neurobio. of Learning & Mem. Cognitive Neuro Neurobio. of Emotion Psych Assess. Integrative Neuro Sensory Neuro Neuroanatomy Cellular Neuro Molecular Neuro
A.S.	Spreadsheet Skills General Psychology Problem Solv. & Dec. Making Ethics