Yixin Chen

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Education

2018 - Current Doctor of Philosophy - Cognitive Science

Boston University, Massachusetts, USA Ph.D. Supervisor: Dr. Joseph T. McGuire

2014 - 2018 Bachelor of Science - Psychology

Tsinghua University, Beijing, China

Honors Thesis Supervisor: Dr. Dan Zhang

2015 - 2018 **Dual degree** - Economics

Peking University, Beijing, China

Fellowships, Awards, and Honors

Memorial Fellowship.	Boston University
	Memorial Fellowship,

2017 **Top Open Fellowship**, Tsinghua University

Fellowship for Scientific Innovation, Tsinghua University
Fellowship for Academic Excellence, Tsinghua University
China Finance 40 Forum Student Fellowship, Beijing, China

Manuscripts in Preparation

Chen, Y. & McGuire, J.T. A reinforcement learning model of adaptive persistence.

Peer-Reviewed Conference Proceedings

Chen, Y., Fulford, D., & McGuire, J.T. (2022). Test-retest reliability of task-based measures of voluntary persistence. *In Proceedings of the 44th Annual Meeting of the Cognitive Science Society.* Toronto, CA.

Chen, Y. & McGuire, J.T. (2022). RL with temporal representations captures reliable phenotypes of adaptive persistence behavior. In Proceedings of the 5th Multi-disciplinary Conference on Reinforcement Learning and Decision Making. Providence, USA.

Conference Presentations

Chen, Y., Li, T., Lynch, J., & McGuire, J.T. (2020). Learning and individual differences in adaptive persistence. 17th Annual Meeting of the Society of Neuroeconomics. Dublin, Ireland. [Poster].

Kao, C., **Chen, Y.**, Ogbaselas, F., Gold, J., & Kable, J. (2019). Physiological markers predict the adjustment of learning rates in dynamic environments. 17th Annual Meeting of the Society of Neuroeconomics. Dublin, Ireland. [Poster].

Toro-Serey, C., **Chen, Y.**, Sussman, L., & McGuire, J.T. (2020). Individual-specific functional architecture and activation patterns in medial prefrontal cortex. *26th Annual meeting of the Organization for Human Brain Mapping*. Virtual meeting. [Poster].

Talks

2021	BBC Seminar, Boston University. Massachusetts, USA.
2019	NERD Symposium, Harvard University. Massachusetts, USA.

Pre-Graduate Research Experience

2017 Summer Research Assistant, University of Pennsylvania. Pl: Dr. Joseph W. Kable

2017-2018 Research Assistant, Tsinghua University. Pl: Dr. Min Zhang
2016-2018 Honors Thesis Student, Tsinghua University. Pl: Dr. Dan Zhang
2016-2018 Research Assistant, Peking University. Pl: Dr. Lusha Zhu

Teaching

Fall 2020 & Spring 2021 Introduction to Experimental Design, Boston University, TA

Spring 2020 Physiological Psychology, Boston University, TA

Spring 2019 & Fall 2019 Experimental Psychology: Perception, Boston University, TA

Mentorship

2022 - Current Emily Duniec (RA)2021 Seth Schallies (RA)

2019 - 2020 Paul Jacob Raillon (honors thesis: Biased Learning in Dynamically Changing Environments)