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# Xinhe Zhang

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## Education

- Indiana University, Bloomington, IN** 2023-present  
Doctoral Students in Psychological and Brain Science Program  
Advisor: Dr. Elizabeth Gunderson
- Temple University, Philadelphia, PA** 2021-2023  
Doctoral Students in Psychology  
Advisor: Dr. Elizabeth Gunderson
- University of Birmingham, Birmingham, UK** 2016-2017  
Master of Science in Psychology  
Thesis: Reconsolidation of episodic memory in humans: Does the original memory still exist?  
Poster Presentation: Are internally driven saccades affected in the same way as externally driven saccades in Niemann-Pick Type C patients?  
Advisor: Dr. Jonathan Lee, and Dr. James Blundell
- Zhongnan University of Economics and Law, Wuhan, China** 2012-2016  
Bachelor of Management in International Business (Major)
- Central China Normal University, Wuhan, China** 2014-2016  
Bachelor of Science in Psychology (Minor)  
2016 Excellent Graduation Thesis: The influence of attribution styles and job-searching self-efficacy on job-searching behaviors in undergraduates

## Publication

- Zhang, X.** & Gunderson, E.A. (*Manuscript Unsubmitted*). The relation between spatial anxiety and spatial skills is moderated by visuospatial working memory and grade level.

## Conference Presentations

- Zhang, X.** & Gunderson, E. A. (April 2022). *The interactive effect of working memory and spatial anxiety on spatial skills changes with children's age*. Poster presented at the 2022 Cognitive Development Society Bi-Ennial Conference in Madison, WI.
- Zhang, X.** & Gunderson, E. A. (June 2022). *The interactive effect of working memory and spatial anxiety on spatial skills changes with children's age*. Poster presented at the 2022 Mathematical Cognition and Learning Society Conference in Antwerp, Belgium.
- Zhang, X.**, Ren, K., Gunderson, E. A. (June 2023). *Do additional magnitude cues benefit children's number line performance?* Poster presented at the 2023 Mathematical Cognition and Learning Society Conference in Loughborough, UK.

## Teaching Experience

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Spring 2023 Statistics of Psychology, Temple University | **Teaching Assistant**  
Spring 2022 Social Psychology, Temple University | **Teaching Assistant**  
Spring 2022 Human Sexuality, Temple University | **Teaching Assistant**

## **Employment & Others Experience**

### **TAL Education Group, Beijing, China**

*Position:* Researcher, The Brain Science Laboratory 2020-2021  
*Research Area:* Cognitive ability tests and training for 4-9 years old children, including attention, spatial ability, numerical ability, and inductive reasoning ability.

### **Wenxiang Education Technologies (Shanghai) Co., Ltd, Shanghai, China**

*Positions:* Psychology Researcher & Team Leader 2018-2019  
Psychology Assistant Researcher 2017-2018  
*Award:* 2018 Excellent Employee  
*Research Area:* Career Interests tests, and Major Competence test for middle school students

### **The Memory Persistence Laboratory, University of Birmingham, Birmingham, UK**

*Position:* Graduate Student of Dr. Jonathan Lee 2016-2017  
*Research Area:* Reconsolidation of episodic memory for humans. Whether both the original memory and the updated memory exist after the reconsolidation to explain the intrusion effect?

### **Eye-Movement Lab, University of Birmingham, Birmingham, UK**

*Position:* Research Placement of Dr. James Blundell 2017  
*Research Area:* The difference between Niemann-Pick Type C patients and health controls on saccade velocity, saccade onset and saccade accuracy