

# Han Zhang

PH.D. CANDIDATE

*Combined Program in Education and Psychology, University of Michigan*

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## Research Interests

Attention; distraction; mind-wandering; eye movements

## Education

### University of Michigan

DOCTOR OF PHILOSOPHY, COMBINED PROGRAM IN EDUCATION AND PSYCHOLOGY

Ann Arbor, MI, USA

09/2018-05/2020 (expected)

### University of Michigan

MASTER OF SCIENCE, COMBINED PROGRAM IN EDUCATION AND PSYCHOLOGY

Ann Arbor, MI, USA

09/2014-05/2018

### Beijing Normal University

BACHELOR OF SCIENCE, PSYCHOLOGY

Beijing, China

09/2010-06/2014

## Awards and Grants

### Rackham One-Term Dissertation Fellowship (\$17417)

UNIVERSITY OF MICHIGAN

2019

### Rackham Graduate Student Research Grant (\$3000)

UNIVERSITY OF MICHIGAN

2019

### Rackham Conference Travel Grant (\$1050)

UNIVERSITY OF MICHIGAN

2019

### Rackham Summer Training Award (\$3700)

UNIVERSITY OF MICHIGAN

2018

### Rackham Conference Travel Grant (\$800)

UNIVERSITY OF MICHIGAN

2018

### Rackham Conference Travel Grant (\$800)

UNIVERSITY OF MICHIGAN

2017

### Professor & Mrs. Cho-Yee To Travel Grant (\$500)

UNIVERSITY OF MICHIGAN

2017

### Professor & Mrs. Cho-Yee To Travel Grant (\$500)

UNIVERSITY OF MICHIGAN

2015

### China National Scholarship (\$1500)

MINISTRY OF EDUCATION OF THE PEOPLE'S REPUBLIC OF CHINA

2014

### The First Rank Academic Scholarship (\$300)

BEIJING NORMAL UNIVERSITY

2014

### The First Rank Academic Scholarship (\$300)

BEIJING NORMAL UNIVERSITY

2013

### Beijing Student Research and Entrepreneurial Action Plan (\$1500)

BEIJING MUNICIPAL COMMISSION OF EDUCATION

2013

### Undergraduate Student Research Grant (\$280)

BEIJING NORMAL UNIVERSITY

2012

## Publications

**Zhang, H., Miller, K. F., Sun, X., & Cortina, K. S. (2020).** Wandering eyes: Eye movements during mind wandering in video lectures. *Applied Cognitive Psychology*, acp.3632. <https://doi.org/10.1002/acp.3632>

- Zhang**, H., Qu, C., Miller, K. F., & Cortina, K. S. (2019). Missing the joke: Reduced rereading of garden-path jokes during mind-wandering. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. Advance online publication. <https://doi.org/10.1037/xlm0000745>
- Zhang**, H., Miller, K. F., Cleveland, R., & Cortina, K. S. (2018). How listening to music affects reading: Evidence from eye tracking. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 44(11), 1778–1791. <https://doi.org/10.1037/xlm0000544>

## Manuscripts Under Review

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- Zhang**, H., Anderson, N. C., & Miller, K. F. (2020). *Follow the wandering mind: Scanpath patterns of mind-wandering during real-world scene perception*. <https://doi.org/10.31234/osf.io/ezaxc>

## Manuscripts In Preparation

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- Zhang**, H., Anderson, N. C., & Miller, K. F. (2020). *The role of scene meaning and saliency in guiding attention during mind-wandering*.
- Zhang**, H., Miller, K. F., Cortina, K. S., & Jiang, T. (2020). *Eye movements of mind-wandering in chinese college classrooms: A mobile eye tracking study*.
- Zhang**, H., & Shah, P. (2020). *What can your iPhone tell about your everyday cognitive functioning? An exploratory study using screen time*.

## Selected Presentations

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- Zhang**, H., Anderson, N. C., & Miller, K. F. (2020). *Scan-paths of mind-wandering during real-world scene perception*. **Graduate student research award**. Talk to be presented at the 92nd annual meeting of the midwestern psychological association.
- Fischer, A., & **Zhang**, H. (2019). *Examining the effect of word predictability during mindless reading*. Poster presented at the association for psychological science annual meeting.
- Hwang, Y.-G., **Zhang**, H., & Miller, K. F. (2019). *Eye movements of mind-wandering during scene viewing: Insights from scan-paths*. Poster presented at the association for psychological science annual meeting.
- Sun, X., Shah, P., & **Zhang**, H. (2019). *When do students suffer from mind wandering? The role of individual difference and learning context*. Poster presented at SARMAC XIII.
- Zhang**, H. (2019). *Mind-wandering: What can we learn from eye-movements?* Talk presented at combined program in education and psychology brownbag.
- Zhang**, H., Miller, K. F., Cortina, K. S., & Jiang, T. (2019). *Mind-wandering in college classrooms: A mobile eye-tracking study*. Poster presented at SARMAC XIII.
- Zhang**, H., Miller, K. F., & Sun, X. (2019). *Scan-paths of mind-wandering during video lectures*. Poster presented at the international convention of psychological science.
- Zhang**, H., Qu, C., Miller, K. F., & Cortina, K. S. (2019). *Reduced re-reading of garden-path jokes during mindless reading*. Poster presented at the 60th psychonomic society annual meeting.
- Zhang**, H., & Shah, P. (2019). *What can iPhone's screen time tell about your cognitive functioning?* Poster presented at the association for psychological science annual meeting.
- Qu, C., & **Zhang**, H. (2018). *All joking aside: Mind-wandering impairs processing of garden-path jokes*. Poster presented at the association for psychological science annual meeting.
- Qu, C., & **Zhang**, H. (2018). *All joking aside: Mind-wandering impairs the processing of garden-path jokes*. Talk presented at the jing-stevenson-zhang symposium.
- Zhang**, H., & Miller, K. F. (2018). *How irrelevant speech affects reading: The role of word predictability*. Poster presented at the 59th psychonomic society annual meeting.
- Zhang**, H., Miller, K. F., & Sun, X. (2018). *The wandering eyes: Mind-wandering during video lectures is associated with oculomotor behaviors*. Poster presented at the association for psychological science annual meeting.

**Zhang, H., Miller, K. F., Raymond, C., & Cortina, K. S. (2016).** *How listening to music affects reading: Evidence from eye tracking.* Poster presented at the association for psychological science annual meeting.

**Zhang, H., & Raymond, C. (2016).** *How does listening to music affect reading? An eye tracking study.* Talk presented at combined program in education and psychology brownbag.

## Teaching Experience

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### PRIMARY INSTRUCTOR

#### **EDUC 391: Educational Psychology and Human Development**

09/2017 - 12/2017

COURSE DESIGN; WEEKLY LECTURES; GRADING ASSIGNMENTS AND EXAMS; OFFICE HOURS

### GRADUATE STUDENT INSTRUCTOR

#### **PSYCH 457 : Research in Educational and Cross-Cultural Settings**

01/2020 - 05/2020

GRADING STUDENT ESSAYS; OFFICE HOURS; SUPERVISING STUDENT RESEARCH PROJECTS

#### **PSYCH 457 : Research in Educational and Cross-Cultural Settings**

01/2019 - 04/2019

GRADING STUDENT ESSAYS; OFFICE HOURS; SUPERVISING STUDENT RESEARCH PROJECTS

#### **PSYCH 111: Introduction to Psychology**

01/2018 - 04/2018

THREE REVIEW SESSIONS PER WEEK; GRADING ASSIGNMENTS AND EXAMS; OFFICE HOURS

#### **PSYCH 457 : Research in Educational and Cross-Cultural Settings**

01/2017 - 04/2017

GRADING STUDENT ESSAYS; OFFICE HOURS; SUPERVISING STUDENT RESEARCH PROJECTS

#### **PSYCH 240: Intro to Cognitive Psychology**

09/2016 - 12/2016

THREE REVIEW SESSIONS PER WEEK; GRADING ASSIGNMENTS AND EXAMS; OFFICE HOURS

#### **PSYCH 457 : Research in Educational and Cross-Cultural Settings**

01/2016 - 04/2016

GRADING STUDENT ESSAYS; OFFICE HOURS; SUPERVISING STUDENT RESEARCH PROJECTS

### PROGRAM ASSISTANT

#### **Global Course Connection: Beijing Normal University**

05/2019

SUPERVISING JOINT RESEARCH PROJECTS BETWEEN US AND CHINESE STUDENTS; ORGANIZING STUDENT ACTIVITIES

#### **Global Course Connection: Beijing Normal University**

05/2017

SUPERVISING JOINT RESEARCH PROJECTS BETWEEN US AND CHINESE STUDENTS; ORGANIZING STUDENT ACTIVITIES

#### **Global Course Connection: Beijing Normal University**

05/2016

SUPERVISING JOINT RESEARCH PROJECTS BETWEEN US AND CHINESE STUDENTS; ORGANIZING STUDENT ACTIVITIES

#### **Global Course Connections: Beijing Normal University**

05/2015

SUPERVISING JOINT RESEARCH PROJECTS BETWEEN US AND CHINESE STUDENTS; ORGANIZING STUDENT ACTIVITIES

## References

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#### **John Jonides, Ph.D.**

[jjonides@umich.edu](mailto:jjonides@umich.edu); 734-764-0192

EDWARD E. SMITH PROFESSOR OF PSYCHOLOGY AND NEUROSCIENCE; CO-DIRECTOR, FUNCTIONAL MRI CENTER, UNIVERSITY OF MICHIGAN; SENIOR EDITOR, PSYCHOLOGICAL SCIENCE

#### **Kevin F. Miller, Ph.D.**

[kevinmil@umich.edu](mailto:kevinmil@umich.edu); 734-615-1800

PROFESSOR OF PSYCHOLOGY AND EDUCATION, UNIVERSITY OF MICHIGAN

#### **Priti Shah, Ph.D.**

[priti@umich.edu](mailto:priti@umich.edu); 734-615-3745

PROFESSOR OF COGNITION & COGNITIVE NEUROSCIENCE AND EDUCATIONAL PSYCHOLOGY, UNIVERSITY OF MICHIGAN

#### **Kai S. Cortina, Ph.D.**

[schnabel@umich.edu](mailto:schnabel@umich.edu); 734-615-3809

PROFESSOR OF PSYCHOLOGY, UNIVERSITY OF MICHIGAN