

# ANTHONY CRUZ, M.SC.

Department of Psychology, Western University ◇ London, ON, Canada

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March 20, 2024

## EDUCATION

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- Ph.D. in Psychology** *University of Western Ontario*  
Supervisor: Dr. John Paul Minda 2022 - Ongoing  
Dissertation: *Title to be determined.*
- M.Sc. in Psychology** *University of Western Ontario*  
Supervisor: Dr. John Paul Minda 2020 - 2022  
Thesis: *The spacing effect in remote information-integration category learning.*  
<https://ir.lib.uwo.ca/etd/8718/>.
- B.A. in Mathematics & Psychology** (Minor: Communication Studies) *Ohio University*  
Summa Cum Laude 2016 - 2020  
Senior Project: *Attentional control as a potential mechanism linking worry and error monitoring:  
An event-related potential study.*

## HONOURS AND AWARDS

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- J. Frank Yates Student Conference Award** *Psychonomic Society*  
\$1000 (US) November 2023
- David Kucharski Graduating Senior Award** *Department of Psychology, Ohio University*  
\$250 (US) April 2020
- Member, Phi Beta Kappa** April 2019
- Psychology Research and Teaching Endowment Scholarship** *Ohio University*  
\$500 (US) April 2018
- Member, Psi Chi** April 2018
- Appalachian Rural Health Initiatives** *Ohio University Student Research and Creativity Expo*  
First Prize, \$150 (US) April 2018
- Member, Golden Key Honour Society** November 2017
- Member, National Society of Collegiate Scholars** November 2017
- Dean's List, Ohio University College of Arts & Sciences** December 2016 - May 2020
- Templeton Scholarship** *Ohio University*  
\$24410 (US) Annually August 2016 - May 2020
- Ohio Trustee Award** *Ohio University*  
\$6000 (US) Annually August 2016 - May 2020

## PUBLICATIONS & PRE-PRINTS

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Minda, J. P., Roark, C. L., Kalra, P., & **Cruz, A.** (Under Review). Theories and Systems of Categorization and Category Learning. *Nature Reviews Psychology*.

**Cruz, A.**, & Minda, J. P. (2023, October 16). The Spacing Effect in Remote Information-Integration Category Learning. Retrieved from psyarxiv.com/8yhfx

## CONFERENCE & SYMPOSIUM PRESENTATIONS

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**Cruz, A.** & Minda, J. P. (2023, November 17-19). Give Me a Break: Pausing to Reflect May Lessen Attention Attenuation in Massed Learning. *Poster presented at the 64th Annual Meeting of the Psychonomic Society*, San Francisco, CA.

**Cruz, A.** (2023, October 3). Harnessing smartphone power: A breakthrough approach to medical diagnostic category learning. *Talk presented at the Centre for Education Research and Innovation (CERI) 2023 Research Symposium*, London, ON.

**Cruz, A.** & Minda, J. P. (2023, July 17-19). PRaM-Scaping: Efficient Similarity Data Collection through Trial Reduction. *Poster presented at the 33rd Annual Meeting of the Canadian Society for Brain, Behavior, and Cognitive Science (CSBBCS)*, Guelph, ON.

**Cruz, A.** & Minda, J. P. (2022, November 17-20). Sorry, I Can't Talk Right Now: Category Learning on the Go. *Talk presented at the 63rd Annual Meeting of the Psychonomic Society*, Boston, MA.

**Cruz, A.**, Saulnier, K. G., Huet, A. & Allan, N. P. (2020, May 2-5). Attentional control as a potential mechanism linking worry and error monitoring: An event-related potential study. *Poster presented at the Cognitive Neuroscience Society (CNS) 2020 Annual Meeting*, Virtual.

**Cruz, A.** (2019, July). Understanding patterns of interlock use based on failure times, failure rates, invalid test rates, and rolling retest rates. *Poster presented at the University of Missouri Summer Undergraduate Research & Creative Achievements Forum*, Columbia, MO.

**Cruz, A.** & Sharrock, A. (2018, April). National suicide trends and suicide trends in Southeast Ohio. *Poster presented at the Ohio University Student Research and Creativity Expo*, Athens, OH.

## WORKSHOP PRESENTATIONS

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**Cruz, A.** (2024, March 9-11). Come see your brain waves with the Muse headband! *Workshop presented at Inspiring Diversity in STEM*, London, ON.

Kalra, P. & **Cruz, A.** (2023, November 1-3). Modern Realities of Behavioural Research. *Talk presented at Brainhack Western*, London, ON.

Kalra, P. & **Cruz, A.** (2022, November 30-2). Modern Realities of Behavioural Research. *Talk presented at Brainhack Western*, London, ON.

## OPEN SCIENCE PRE-REGISTRATIONS

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**Cruz, A.**, & Minda, J. P. (2021, June 9). Neural representations of stimulus category membership across modalities: A systematic review. <https://doi.org/10.17605/OSF.IO/5DMAU>

**Cruz, A.**, & Minda, J. P. (2021, August 3). Reliability of a domain-general adaptation of the Downs-Black (1998) tool: Pre-analytic plan. <https://doi.org/10.17605/OSF.IO/8YCJ9>

## MENTORSHIP

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### Honours Thesis Supervisor

Evan Cross

Carson Rumble-Tricker

*University of Western Ontario*

2022-2023

2021-2022

### LINKS Peer Mentor

OMSAR Scholars

*Ohio University*

2018 - 2020

## TEACHING

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### Graduate Teaching Assistant

Psychology 9040 - Scientific Computing

Psychology 9041 - Intro. to Data Management and Linear Modeling Using R

Psychology 2802 - Research Methods in Psychology II

Psychology 2820 - Research Methods & Statistical Analysis in Psychology

Psychology 3139 - Introduction to Cognitive Science

*University of Western Ontario*

W2024

F2022, F2023

W2023

F2021, W2022

W2021

### Supplemental Instruction Leader

Mathematics 1350 - Survey of Calculus

Psychology 2110 - Statistics for the Behavioral Sciences

*Ohio University*

January 2019 - May 2019

August 2019 - May 2020

### Private Mathematics Tutor

August 2018 - Ongoing

## PROFESSIONAL SERVICE

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### Union Steward, Psychology

PSAC-610

*University of Western Ontario*

2024 - Ongoing

### Match Judge

Ontario High School Ethics Bowl

*University of Western Ontario*

2023 - 2024

### Graduate Manuscript Reviewer

Western Undergraduate Psychology Journal

*University of Western Ontario*

2023

## COMMITTEE MEMBERSHIPS

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### GradCast Committee

Society of Graduate Students

*University of Western Ontario*

July 2023 - Ongoing

### Coffee Talk Committee

Brain and Mind at Western

*University of Western Ontario*

May 2023 - January 2024

## PROFESSIONAL MEMBERSHIPS

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### Psychonomic Society

Canadian Society for Brain, Behaviour, and Cognitive Science

2022 - Ongoing

2023 - Ongoing

## MEDIA COVERAGE

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Charron, N. & Anjum, A. (Hosts). (2023, December 12). Cruz & Classify: A Study of Cognitive Categories (No. 444) [Audio podcast episode]. In *GradCast*. <https://gradcastradio.podbean.com/e/444-cruz-classify-a-study-of-cognitive-categories/>

## COURSES & CERTIFICATIONS

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Neuromatch Academy Computational Neuroscience Course

August 2021