

ANTHONY CRUZ, M.SC.

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September 25, 2024

EDUCATION

- 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

- Social Science Graduate Alumni Award** *University of Western Ontario*
\$3000 (CA) June 2024
- G. Keith Humphrey Memorial Award** *University of Western Ontario*
\$650 (CA) May 2024
- 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

PEER-REVIEWED PUBLICATIONS

Minda, J. P., Roark, C. L., Kalra, P., & **Cruz, A.** (2024). Single and multiple systems in categorization and category learning. *Nature Reviews Psychology*, 1–16. <https://doi.org/10.1038/s44159-024-00336-7>

Cruz, A., & Minda, J. P. (2024). Was That My Cue? Reactivity to Category-Level Judgments of Learning. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 46(0). <https://escholarship.org/uc/item/0nr5974b>

Cruz, A., & Minda, J. P. (2024). The Spacing Effect in Remote Information-Integration Category Learning. *Memory & Cognition*. <https://doi.org/10.3758/s13421-024-01569-w>

CONFERENCE & SYMPOSIUM PRESENTATIONS

Cruz., A., Njeru, A., & Minda, J.P. (2024, November 21-24). Boost or Bust? Role of JOLs in Word Pair Recognition. *Poster to be presented at the 65th Annual Meeting of the Psychonomic Society*, New York, NY.

Cruz, A. & Minda, J. P. (2024, July 24-27). Was That My Cue? Reactivity to Category-Level Judgments of Learning. *Poster presented at the 46th Annual Meeting of the Cognitive Science Society*, Rotterdam, NL.

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

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.

MEDIA COVERAGE

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/>

OPEN SCIENCE PRE-REGISTRATIONS

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>

TEACHING

Graduate Teaching Assistant	<i>University of Western Ontario</i>
Psychology 9041 - Intro. to Data Management and Linear Modeling Using R	F2022-2024
Psychology 9040 - Scientific Computing	W2024
Psychology 2802 - Research Methods in Psychology II	W2023
Psychology 2820 - Research Methods & Statistical Analysis in Psychology	F2021, W2022
Psychology 3139 - Introduction to Cognitive Science	W2021
Supplemental Instruction Leader	<i>Ohio University</i>
Mathematics 1350 - Survey of Calculus	January 2019 - May 2019
Psychology 2110 - Statistics for the Behavioral Sciences	August 2019 - May 2020
Private Mathematics Tutor	August 2018 - Ongoing

MENTORSHIP

Independent Study Supervisor	<i>University of Western Ontario</i>
Ann Njeru	2024-2025
Honours Thesis Supervisor	<i>University of Western Ontario</i>
Evan Cross	2022-2023
Carson Rumble-Tricker	2021-2022
LINKS Peer Mentor	<i>Ohio University</i>
OMSAR Scholars	2018 - 2020

COMMITTEE MEMBERSHIPS

GradCast Committee	<i>Society of Graduate Students, University of Western Ontario</i>
Chairperson, Managing Editor	May 2024 - Ongoing
Editorial Board Member	July 2023 - April 2024
Coffee Talk Committee	<i>Brain & Mind Institute, University of Western Ontario</i>
Committee Member	May 2023 - January 2024

PROFESSIONAL SERVICE

PSAC 610

Union Steward, Psychology

University of Western Ontario

2024 - Ongoing

Ontario High School Ethics Bowl

Match Judge

University of Western Ontario

2023 - 2024

Western Undergraduate Psychology Journal

Graduate Manuscript Reviewer

University of Western Ontario

2023-2024

PROFESSIONAL MEMBERSHIPS

Cognitive Science Society

2024 - Ongoing

Canadian Society for Brain, Behaviour, and Cognitive Science

2023 - Ongoing

Psychonomic Society

2022 - Ongoing

COURSES & CERTIFICATIONS

Project Management: Essential Elements Certificate

March 2024

Neuromatch Academy Computational Neuroscience Course

August 2021