

ANTHONY CRUZ, M.SC.

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

<https://anthonycruzpsychology.github.io> ◊ acruz27@uwo.ca

July 16, 2025

EDUCATION

Ph.D. in Psychology Supervisor: Dr. John Paul Minda	<i>University of Western Ontario</i> 2022–Ongoing
M.Sc. in Psychology Supervisor: Dr. John Paul Minda	<i>University of Western Ontario</i> 2020–2022
B.A. in Mathematics & Psychology (Minor: Communication Studies) Summa Cum Laude	<i>Ohio University</i> 2016–2020

HONOURS AND AWARDS

Social Science Graduate Alumni Award \$3000 (CA)	<i>University of Western Ontario</i> Jun 2024
G. Keith Humphrey Memorial Award \$650 (CA)	<i>University of Western Ontario</i> May 2024
J. Frank Yates Student Conference Award \$1000 (US)	<i>Psychonomic Society</i> Nov 2023
David Kucharski Graduating Senior Award \$250 (US)	<i>Department of Psychology, Ohio University</i> Apr 2020
Psychology Research and Teaching Endowment Scholarship \$500 (US)	<i>Ohio University</i> Apr 2018
Appalachian Rural Health Initiatives First Prize, \$150 (US)	<i>Ohio University Student Research and Creativity Expo</i> Apr 2018
Templeton Scholarship \$24410 (US) Annually	<i>Ohio University</i> Aug 2016–May 2020
Ohio Trustee Award \$6000 (US) Annually	<i>Ohio University</i> Aug 2016–May 2020

SCIENTIFIC PUBLICATIONS

- Kalra, P., Minda, J. P., Roark, C. L., & **Cruz, A.** (2025). Reply to 'Single and multiple systems in probabilistic categorization.' *Nature Reviews Psychology*, 4(1), 65–65. <https://doi.org/10.1038/s44159-024-00390-1>
- Roark, C. L., Minda, J. P., Kalra, P., & **Cruz, A.** (2025). Reply to 'Structure-based dissociations provide agnostic evidence to the multiple-systems debate.' *Nature Reviews Psychology*, 4(1), 67–67. <https://doi.org/10.1038/s44159-024-00396-9>
- 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>

ORAL PRESENTATIONS

Cruz, A. & Minda, J. P. (2025, July 8-11). Are there two distinct mechanisms of JOL reactivity? *Talk presented at the 35th Annual Meeting of the Canadian Society for Brain, Behavior, and Cognitive Science (CSBBCS)*, Dundee, Scotland.

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. (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.

POSTER PRESENTATIONS

Cruz., A., Njeru, A., & Minda, J. P. (2024, November 21-24). Boost or Bust? Role of JOLs in Word Pair Recognition. *Poster 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. & 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., 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.

SCIENCE WRITING

Cruz, A. (2025, July 15). *The ROAR-CAT's out of the bag: A reliable, efficient reading assessment.* Psychonomic Society Featured Content. <https://featuredcontent.psychonomic.org/the-roar-cats-out-of-the-bag-a-reliable-efficient-reading-assessment/>

Cruz, A. (2025, June 17). *Have you ever tried this one? Mental simulation helps us understand biological motion.* Psychonomic Society Featured Content. <https://featuredcontent.psychonomic.org/have-you-ever-tried-this-one-mental-simulation-helps-us-understand-biological-motion/>

Asmar, A. & **Cruz, A.** (2025, May 20). *Beyond pairwise: Adding hypergraphs to your psychometrics toolbox.* Psychonomic Society Featured Content. <https://featuredcontent.psychonomic.org/beyond-pairwise-adding-hypergraphs-to-your-psychometrics-toolbox/>

Cruz, A. (2025, April 16). *Similarity-based processing is in the eye of the inferer.* Psychonomic Society Featured Content. <https://featuredcontent.psychonomic.org/similarity-based-processing-is-in-the-eye-of-the-inferer/>

Cruz, A. (2025, March 19). *From pitchy to pitch perfect: Training absolute pitch in adults.* Psychonomic Society Featured Content. <https://featuredcontent.psychonomic.org/from-pitchy-to-pitch-perfect-training-absolute-pitch-in-adults/>

SCIENCE PODCASTING

I have hosted and/or produced 31 episodes of *GradCast*. Listen at [GradCast.ca](https://gradcastradio.podbean.com). Find some selected episodes below.

Schneider, M. & Ambrogio, M. (Hosts), & **Cruz, A.** & Perera, C. (Producers). (2025, July 1). *Reaching, Grasping, and Research Abroad* (No. 512) [Audio podcast episode]. In *GradCast*. <https://gradcastradio.podbean.com/e/512-reaching-grasping-and-research-abroad/>

Cruz, A. & Baxter, R. (Hosts), & Seanor, K. (Producer). (2025, June 24). *Mapping It Out: The Cerebellum in Action* (No. 511) [Audio podcast episode]. In *GradCast*. <https://gradcastradio.podbean.com/e/511-mapping-it-out-the-cerebellum-in-action/>

Mesquita, B. & **Cruz, A.** (Hosts), & Sidhu, R. (Producer). (2025, June 17). *Music and Math? You don't know the half of it!* (No. 510) [Audio podcast episode]. In *GradCast*. <https://gradcastradio.podbean.com/e/510-music-and-math-you-dont-know-the-half-of-it/>

Schneider, M. & **Cruz, A.** (Hosts), & **Cruz, A.** (Producer). (2025, April 15). *#Inspiring-Minds: Fit or Fixated? Unpacking Emerging Fitness Ideals and the Role of Disordered Eating* (No. 501) [Audio podcast episode]. In *Gradcast*. <https://gradcastradio.podbean.com/e/501-inspiringminds-fit-or-fixated-unpacking-emerging-fitness-ideals-and-the-role-of-dis>

Cruz, A. & Voll, M. (Hosts), & Mesquita, B. (Producer). (2024, October 15). *Black Paint on a Black Canvas* (No. 479) [Audio podcast episode]. In *Gradcast*. <https://gradcastradio.podbean.com/e/479-black-paint-on-a-black-canvas/>

Ambrogio, M. & Casbourn, G. (Hosts), & **Cruz, A.** (Producer). (2024, September 10). *Ultra-cool Dwarf Planets* (No. 474) [Audio podcast episode]. In *Gradcast*. <https://gradcastradio.podbean.com/e/474-ultracool-dwarfs/>

Cruz, A. & Sidhu, R. (Hosts), & **Cruz, A.** (Producer). (2024, August 20). *Sorry, Can You Repeat That?* (No. 473) [Audio podcast episode]. In *Gradcast*. <https://gradcastradio.podbean.com/e/473-sorry-can-you-repeat-that/>

Cruz, A. & Ambrogio, M. (Hosts), & **Cruz, A.** (Producer). (2024, July 2). *It's A Bird, It's a Plane, It's a Medical Delivery Drone!* (No. 466) [Audio podcast episode]. In *Gradcast*. <https://gradcastradio.podbean.com/e/466-its-a-bird-its-a-plane-its-a-medical-delivery-drone/>

Anjum, A. & **Cruz, A.** (Hosts), & Khan, M. (Producer). (2024, March 5). *Not Boron at All: Fundamental Chemistry and Sustainability* (No. 450) [Audio podcast episode]. In *Gradcast*. <https://gradcastradio.podbean.com/e/450-not-boron-at-all-fundamental-chemistry-and-sustainability/>

Charron, C. & **Cruz, A.** (Hosts), & Lee, S. (Producer). (2023, November 7). *Dewey or Don't We? The Harms Library Catalogues Cause* (No. 439) [Audio podcast episode]. In *Gradcast*. <https://gradcastradio.podbean.com/e/439-the-secrets-of-the-library-critically-examining-library-cataloguing-systems/>

Mandur, C. & **Cruz, A.** (Hosts), & Hutchinson, A. (Producer). (2023, August 22). *Carrots and Dangerous Sticks: Ancient History of the Qin State* (No. 428) [Audio podcast episode]. In *Gradcast*. <https://gradcastradio.podbean.com/e/428-carrots-and-dangerous-sticks-ancient-history-of-the-qin-state/>

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.

PROFESSIONAL AND TEACHING EXPERIENCE

Science Communication Intern	<i>Psychonomic Society</i> Feb 2025 - Jul 2025
Graduate Teaching Assistant	<i>University of Western Ontario</i>
Psychology 9041 - Intro. to Data Mgmt. and Lin. Models in R	F2022-2024
Psychology 9040 - Scientific Computing	W2024-2025
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	Jan 2019 - May 2019
Psychology 2110 - Statistics for the Behavioral Sciences	Aug 2019 - May 2020
Private Mathematics Tutor	Aug 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

PROFESSIONAL SERVICE

Society of Graduate Students

Vice-President Academic

GradCast Managing Editor

GradCast Editorial Board Member

University of Western Ontario

Oct 2024 - Ongoing

May 2024 - Oct 2024

Jul 2023 – Apr 2024

PSAC 610

Union Steward, Psychology

University of Western Ontario

Feb 2024 - Ongoing

Western Undergraduate Psychology Journal

Graduate Manuscript Reviewer

University of Western Ontario

May 2023 - Ongoing

Ontario High School Ethics Bowl

Match Judge

University of Western Ontario

Feb 2023 - Feb 2024

Coffee Talk Committee

Committee Member

Brain & Mind Institute, University of Western Ontario

May 2023 - Jan 2024

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>

PROFESSIONAL SOCIETY 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

Mar 2024

Neuromatch Academy Computational Neuroscience Course

Aug 2021