

Updated August, 24th 2023

CURRICULUM VITAE
Carla Macias
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Academic Employment

Postdoctoral Fellow

July 2022-Current

Department of Psychology, Rutgers University, Newark, NJ

Education

Ph.D. in Cognitive Psychology

May 2022

Rutgers University, Newark, NJ

Advisor: Elizabeth Bonawitz

M.A. in Cognitive Psychology

March 2019

Rutgers University, Newark, NJ

Advisor: Elizabeth Bonawitz

B.A. in Brain & Cognitive Sciences and Psychology

May 2016

University of Rochester, Rochester, NY

Advisor: Celeste Kidd

Honors Thesis: *Strategic Encoding in Adults and Children*

Grants & Fellowships

Rutgers Presidential Postdoctoral Fellowship

July 2022-July 2024

Department of Psychology, Rutgers Newark, Newark New Jersey

Rutgers Deans Dissertation Fellowship

September 2021-May 2022

Department of Psychology, Rutgers Newark, Newark New Jersey

Research Travel Grant

July 2019

Department of Psychology, Rutgers Newark, Newark New Jersey

NSF Graduate Research Fellowship Program (GRFP)

June 2018- June 2021

The National Science Foundation

Minority Biomedical Research Support (MBRS) Fellowship

Fall 2016-Spring 2018

Department of Psychology, Rutgers Newark, Newark New Jersey

Bilski-Mayer Fellowship

Summer 2015

College of Arts, Sciences, and Engineering, University of Rochester

Discover Research Grant <i>College of Arts, Sciences, and Engineering, University of Rochester</i>	Fall 2014
McNair Scholar Fellowship <i>Ronald E. McNair Post-Baccalaureate Achievement Program at the University of Rochester</i> <i>United States Department of Education</i>	Summer 2014

Honors & Awards

Cognitive Development Society (CDS) Diversity Travel Award <i>Cognitive Development Society, Madison Wisconsin</i>	Spring 2022
Harold Siegel Service Award <i>Department of Psychology, Rutgers Newark, Newark New Jersey</i>	May 2021
Ford Foundation Dissertation Fellowship Honorable Mention <i>The Ford Foundation</i>	May 2021
Cognitive Development Society (CDS) Diversity Travel Award <i>Cognitive Development Society, Portland Oregon</i>	Fall 2017
NSF Graduate Research Fellowship Program (GRFP) Honorable Mention <i>The National Science Foundation</i>	Spring 2016
Kearns Center Scholar Award <i>Kearns Center for Leadership and Diversity</i> <i>College of Arts, Sciences, and Engineering, University of Rochester</i>	Fall 2013 – Spring 2014
Dean's Academic Scholarship <i>College of Arts, Sciences, and Engineering, University of Rochester</i>	Fall 2012 – Fall 2016
Dean's List <i>College of Arts, Sciences, and Engineering, University of Rochester</i>	Fall 2012, Fall 2013 – Spring 2016

Publications and Talks

Macias, C., & Persaud, K. (2023). How Bizarre: Does the color bizarreness effect extend to long-term memory? In Proceedings of the 45th Annual Meeting of the Cognitive Science Society. Sydney, Australia: Cognitive Science Society.

The Taxation of Memory: Preschooler and Adult Attention to Expectation-Violating Events and the Impact on Learning of Future Content. Psychology department. MIT. Invited virtual talk. June 27, 2022.

My roadmap to a PhD in Psychology. Psychology department. Wesley College. Invited virtual talk. April 11th, 2022.

Macias, C., & Choi, K. (2021). Preschoolers' beliefs about media technologies: The role of family income. Society for research in child development. Virtual.

Macias, C., & Choi, K. (2021). Preschoolers' beliefs about media technologies: The role of family income. *Human Behavior and Emerging Technologies*.

Macias, C.

Wang, J., Yang, Y., **Macias, C.**, & Bonawitz, E. (2021). Children With More Uncertainty in Their Intuitive Theories Seek Domain-Relevant Information. *Psychological Science*, 32(7), 1147-1156.

My roadmap to a PhD in Psychology. Psychology department. Wesley College. Invited virtual talk. November 10th, 2020.

Persaud, K., **Macias, C.**, Hemmer, P., & Bonawitz, E. (2020). Evaluating recall error in preschoolers: Category expectations influence episodic memory for color. *Cognitive Psychology*, 124, 101357.

Persaud, K., Bass, I., Colantonio, J., **Macias, C.**, & Bonawitz, E. (2020). Opportunities and challenges integrating resource-rational analysis with developmental perspectives. *Behavioral and Brain Sciences*, 43.

Macias, C., Bonawitz, E. (June 2019) Strategic Memory and Explanation Uncertainty in Early Childhood. Curiosity, Explanation & Exploration Workshop. Princeton New Jersey.

Persaud, K., **Macias, C.**, Hemmer, P., & Bonawitz, E. (2019) Age-Related Differences in the Influence of Category Expectations on Episodic Memory in Early Childhood. In A.K. Goel, C.M. Seifert, & C. Freksa (Eds.) Proceedings of the 41st Annual Conference of the Cognitive Science Society. Montreal, QB: Cognitive Science Society.

Yang, Y., Wang, J., **Macias, C.**, & Bonawitz, E. (2019) Uncertainty in Preschoolers' Intuitive Theories of Biology, Psychology, and Psychosomatic Events Drives Explanation Seeking. Symposium, "Explanation and Exploration in Children's Intuitive and Scientific Theories". *Presenting role. Society for Research in Child Development. Baltimore, MD.

Macias, C., Persaud, K., Hemmer, P., Bonawitz, E. (2017). Expectation about color categories inform preschoolers' recall. Cognitive development society (CDS) conference. Portland Oregon.

Macias, C., Yung, A., Hemmer, P., & Kidd, C. (2015). Memory Strategically Encodes Externally Unavailable Information. In Proceedings of the 37th Annual Meeting of the Cognitive Science Society. Pasadena, California: Cognitive Science Society.

Journal Articles Under review

Macias, C., & Persaud, K. (2023). From Silos to Synergy: Integrating Approaches to Investigate the Role of Prior Knowledge and Expectations on Episodic Memory. *Psychonomic Bulletin & Review*.

Journal Articles in Prep

Macias, C., Yung, A., Hemmer, P., & Kidd, C. (*in prep*). Memory Strategically Encodes Externally Unavailable Information.

Poster Presentations

Macias, C., & Persaud, K. (2023 September). Beyond Expectations: Exploring the Boundaries of Recognition Memory for Bizarre Object-Color Pairs. Psychonomic Society's 2023 Annual Meeting. San Francisco, California.

Macias, C., & Choi, K. (2022). Preschoolers Beliefs About and Learning from Digital Media. Cognitive Development Society Conference. Madison, Wisconsin.

- Macias, C.**, Bonawitz, E. (2020 July). Tapping into mental effort?: Preschoolers attend to belief-violating information at the cost of encoding future unrelated information. Poster presentation, Proceedings of the 42nd Annual Meeting of the Cognitive Science Society, Pre-conference on Mental effort: One construct many faces?. Virtual conference (covid-19).
- Macias, C.**, Bonawitz, E. (2020 July). *Memory enhancement from surprise: A preliminary investigation of threshold and incremental accounts*. Poster presentation, Proceedings of the 42nd Annual Meeting of the Cognitive Science Society. Virtual conference (covid-19).
- Macias, C.**, Bonawitz, E. (2019 October). *Strategic taxation of memory: Investigating whether preschoolers strategically attend to belief-violating information and its impact on future and unrelated learning*. Poster presentation, Bi-Annual Cognitive Development Society (CDS) Meeting. Louisville, Kentucky.
- Macias, C.**, Shaban, F*, Bonawitz, E., Choi, K. (2019 October). The Effect of Socioeconomic Status on Young Children's Perceptions About Media Devices. Poster presentation, Bi-Annual Cognitive Development Society (CDS) Meeting, Pre-conference on Digital Media & Cognitive Development . Louisville, Kentucky.
- Persaud , K., **Macias , C.**, Hemmer, P., & Bonawitz, E. (2019). Group Differences in the Influence of Category Expectations on Episodic Memory in Early Childhood. Poster to be presented at the 60th Annual Meeting of the Psychonomic Society, Montreal, Quebec, Canada
- Persaud, K., **Macias, C.**, Hemmer, P., Bonawitz, E. (2019 July). Age-Related Differences in the Influence of Category Expectations on Episodic Memory in Early Childhood. Proceedings of the 41st Annual Meeting of the Cognitive Science Society. Montreal, Canada .
- Wang, J., Yang, Y., **Macias, C.**, Bonawitz, E. (2019 July). Children with more immature intuitive theories seek domain relevant information. Poster presentation, Proceedings of the 41st Annual Meeting of the Cognitive Science Society. Montreal, Canada .
- Macias, C.**, Yung, A., Hemmer, P., & Kidd, C. (2017 October). *Memory Strategically Encodes Externally Unavailable Information*. Poster presentation, Bi-Annual Cognitive Development Society (CDS) Meeting, Pre-conference on Digital Media & Cognitive Development. Portland, Oregon.
- Macias, C.**, Yung, A., Hemmer, P., & Kidd, C. (2015 July). *Memory Strategically Encodes Externally Unavailable Information*. Poster presentation, Proceedings of the 37th Annual Meeting of the Cognitive Science Society. Pasadena, California.

Teaching Experience

Instructor Cognitive Processes, Rutgers University- Newark	Spring 2023
Guest Instructor <i>Memory and Development</i> , Rutgers University- Newark (Topics: Memory, development, Cognitive Development)	Spring 2023
Guest Instructor <i>Concepts and Generic Knowledge</i> , Rutgers University- Newark (Topics: concepts, prototypes, typicality effects, exemplars, Cognitive Processes)	Fall 2022

Service

HBET Editorial Board Member	2023- 2024
Organizer, Postdoctoral Virtual Writing Group	2022- Present
Founder & Vice President, Black in Psych (BiP)	2021-Present
Founder & Organizer, Psychology Graduate Writing Group <i>Rutgers University- Newark Department of Psychology</i>	2020- 2022
Co-Organizer, Memory Reading Club <i>Rutgers University- Newark Department of Psychology</i>	2020
Member, The Diversity, Equity, and Inclusion Committee <i>Rutgers University-Newark</i>	2020
Mentor to Undergraduates, Psi Chi Graduate Mentorship Program <i>Rutgers University- Newark</i>	2019- 2020
Scientist volunteer, Rutgers Day Community Fair <i>Rutgers-University-Newark</i>	2017-2019
Mentor to Undergraduates, Minority Biomedical Research Program <i>Rutgers University-Newark</i>	2017-2018

Ad Hoc Reviewing

Cognitive Psychology, Society for Philosophy & Psychology, Journal of Experimental Child Psychology

Research Supervisor to Undergraduates

**Honors thesis student*

Fatima Shaban*	Vanessa Obregon	Chika Ezeiruaku	Micah Connolly
Hetshri Patel	William Mahoney	Yusteena Shehata	Srita Chintapalli
Valentina Castrillon	Jae Ko	Jahni Reaves	Serena La
Hager Elessawy	Sandra Youssef	Christine Khalil*	Mina Hanna
Chidinma Chima-Egeonu	Anahi Chavez	Alhassan Moustafa	Nicole Caruso
Saleha Masood			