

**MARY C. WHATLEY**[mcwhatley@g.ucla.edu](mailto:mcwhatley@g.ucla.edu)<https://marycwhatley.weebly.com/>**EDUCATION**

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**University of California, Los Angeles (UCLA)**

Ph.D. in Cognitive Psychology

Expected 2024

Minor in Quantitative Psychology

Primary Advisor: Dr. Alan Castel

Dissertation: *Curiosity across the lifespan: General shifts and influences on memory and metacognition*

M.A. in Psychology

2019

Master's Thesis: *Age-related differences in metacognition and memory for realistic associative information***University of North Carolina at Chapel Hill (UNC-Chapel Hill)**

B.S. in Psychology

2016

Minor in Neuroscience

*Highest Thesis Honors and Distinction***RESEARCH INTERESTS**

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- Motivational influences on memory and metacognition
- Memory changes in healthy aging
- Curiosity across the lifespan
- Successful aging and aging attitudes

**PEER REVIEWED PUBLICATIONS**

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\*indicates undergraduate mentee

1. **Whatley, M. C.**, Schwartz, S. T.\*, Block, J. B.\*, & Castel, A. D. (2023). Memory, metamemory, and false memory for features of familiar logos: A misinformation effect for the Apple logo. *Applied Cognitive Psychology*, 37(5), 904–918.
2. Jiang, O.\*, **Whatley, M. C.**, & Castel, A. D. (2022). The influence of emotional framing and graph complexity on biases in graphical memory for COVID-19 data. *Gerontology & Geriatric Medicine*, 8, 23337214221082763.
3. **Whatley, M. C.**, & Castel, A. D. (2022). The role of metacognition and schematic support on younger and older adults' episodic memory. *Memory & Cognition*, 50(3), 601-616.
4. Murphy, D. H., Agadzhanyan, K., **Whatley, M. C.**, & Castel, A. D. (2021). Metacognition and fluid intelligence in value-directed remembering. *Metacognition and Learning*, 16, 685-709.
5. **Whatley, M. C.**, & Castel, A. D. (2020). Improving expectations regarding aging in younger adults: A classroom study. *Educational Gerontology*.  
<https://doi.org/10.1080/03601277.2020.1826088>

6. **Whatley, M. C.**, Siegel, A. L. M., Schwartz, S. T.\*, Silaj, K. M., & Castel, A. D. (2020). Younger and older adults' mood and expectations regarding aging during COVID-19. *Gerontology and Geriatric Medicine*, 6, 1–9. <https://doi.org/10.1177%2F2333721420960259>
7. Hargis, M. B., **Whatley, M. C.**, & Castel, A. D. (2020). Remembering proper names as a potential exception to the better-than-average effect in younger and older adults. *Psychology and Aging*, 35(4), 497–507. <https://psycnet.apa.org/doi/10.1037/pag0000472>

## MANUSCRIPTS UNDER REVIEW

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1. Ichien, N., Stamenkovic, D., **Whatley, M. C.**, Castel, A. D., & Holyoak, K. J. (Under Review). Advancing with age: Older adults excel in comprehension of novel metaphors.
2. **Whatley, M. C.**, Murayama, K., Sakaki, M., & Castel, A. D. (Under Review). Differential shifts in state and trait curiosity across the adult lifespan.
3. Gan, K. X., **Whatley, M. C.**, & Castel, A. D. (Under Review). Prediction of information value influences memory: The effect of predicted and assigned value on memory.

## PEER REVIEWED BOOK CHAPTERS

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1. **Whatley, M. C.**, Murphy, D. H., Silaj, K. M., & Castel, A. D. (2021). Motivated memory for what matters most: How older adults (selectively) focus on important information and events using schematic support, metacognition, and meaningful goals. In G. Sedek, T. M. Hess, & D. R. Touron (Eds.), *Multiple pathways of cognitive aging: Motivational and contextual influences*. (pp. 40-65). Oxford University Press.
2. Hargis, M. B., **Whatley, M. C.**, Siegel, A. L. M., & Castel, A. D. (2020). Motivated cognition and curiosity in the aging consumer. In A. Drolet, N. Schwarz, & C. Yoon (Eds.), *The aging consumer: Perspectives from psychology and economics* (2nd ed).
3. Siegel, A. L. M., **Whatley, M. C.**, Hargis, M. B., & Castel, A. D. (2020). Changes in memory and metacognition in older adulthood. In A. Drolet, N. Schwarz, & C. Yoon (Eds.), *The aging consumer: Perspectives from psychology and economics* (2nd ed).

## CONFERENCE PRESENTATIONS AND ABSTRACTS

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1. **Whatley, M. C.**, & Castel, A. D. (Accepted). *Effects of curiosity and information truth on item and source memory in younger and older adults*. Spoken presentation to be presented at the Psychonomic Society Annual Meeting, San Francisco, CA.
2. **Whatley, M. C.**, Halamish, V., & Castel, A. D. (2022, April). *The value of motivated learning: Does extrinsic motivation undermine the influence of curiosity on memory in younger and older adults?* Poster presented at the Cognitive Aging Conference, Atlanta, GA.

3. **Whatley, M. C.**, & Castel, A. D. (2021, November). *The effect of curiosity on memory for misinformation*. Poster presented at the Psychonomic Society Annual Meeting, Virtual Conference.
4. Murphy, D. H., Agadzhanyan, K., **Whatley, M. C.**, & Castel, A. D. (2020, November). *Metacognition and fluid intelligence in value-directed remembering*. Poster presented at the Psychonomic Society Annual Meeting, Virtual Conference.
5. Hargis, M. B., **Whatley, M. C.**, & Castel, A. D. (2020, April). *Do younger and older adults see themselves as better than average? Not at remembering people's names*. Cognitive Aging Conference, Atlanta, GA. (Conference canceled)
6. **Whatley, M. C.**, & Castel, A. D. (2020, April). *Age-related differences in metacognition and memory for realistic associative information*. Cognitive Aging Conference, Atlanta, GA. (Conference canceled)
7. **Whatley, M. C.**, Schwartz, S. T. \*, Block, J. \*, Siegel, A. L. M., & Castel, A. D. (2019, November). *One bad apple: Visual memory and misinformation for the Apple logo*. Poster presented at the Psychonomic Society Annual Meeting, Montreal, Canada.
8. **Whatley, M. C.**, & Castel, A. D. (2019, April). *Greater expectations about aging: Classroom learning improves expectations about aging in younger adults*. Poster presented at the UCLA Research Conference on Aging, Los Angeles, CA.
  - Winner of Best Poster in Behavioral and Social Sciences category
9. Bruzzese, J. M., George, M. R., Liu, J., **Whatley, M. C.**, Thomas, J. M., & Evans, D. (2018, May). The Preliminary Impact of a Web-Based Intervention for Adolescents with Uncontrolled Asthma: Results from a Randomized Pilot Trial. In *B16. State of the Art Interventions For Asthma Self-Management Across the Age Spectrum: Results from Clinical Trials* (pp. A2712-A2712). American Thoracic Society.
10. **Whatley, M. C.**, & Hollins, M. (2016, April). *Does apparent hand size affect thermal pain perception?* Poster presented at the Celebration of Undergraduate Research Conference, Chapel Hill, NC.
11. **Whatley, M. C.**, MacDonald, B., & Williamson, R. A. (2015, March). *Effects of intent and effectiveness on responses after collaboration in preschoolers*. Poster presented at the Southeastern Psychological Association Annual Research Conference, Hilton Head, SC.

## PATENTS

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1. Simons, S., Aguilar-Simon, M., Connolly, P., Estrada, R., Shimizu, R., & **Whatley, M.** (2020). Apparatus, system, and methods for targeted memory enhancement during sleep. *U.S. Patent No. 10,660,569*. Washington, DC: U.S. Patent and Trademark Office.

## FUNDING, AWARDS, AND HONORS

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UCLA Dissertation Year Fellowship (\$20,000)	2023–2024
UCLA Dean's Excellence Award (\$15,000)	2022–2023
UCLA Cognitive Area Research Award (\$6,000)	2022
Shepherd Ivory Franz Distinguished Teaching Award	2022
Graduate Summer Research Mentorship Fellowship (\$6,000)	2019
University Fellowship (\$21,000)	2018–2019

## TEACHING EXPERIENCE

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### Instructor of Record

Introduction to Cognitive Science, UCLA

Summer 2023

- Average rating: 8.49 out of 9

### Lead Teaching Assistant

Research Methods in Psychology, UCLA

Spring 2021–Winter 2022

- Aided creation of course materials and assessments
- Trained and instructed graduate TAs weekly on course material and teaching strategies
- Served as lecture TA for 400+ enrolled students

### Teaching Assistant/Associate/Fellow

Course Title	Quarters Taught	Mean (Median) Rating out of 9
<u>Research Methods in Psychology</u>	Summer 2022 Winter 2021 Fall 2020 Winter 2020	8.34 (9)
<u>Cognitive Psychology</u>	Spring 2023 Spring 2022 Summer 2020 Spring 2020	8.43 (9)
<u>Laboratory in Cognitive Psychology</u>	Fall 2022 Fall 2019	8.43 (9)
<u>Introductory Psychology</u>	Spring 2019	7.57 (8)

## INVITED TALKS

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1. Cognitive Changes in Older Age, *Osher Lifelong Learning Institute, UCLA*, March 13, 2023
2. Curiosity Across the Lifespan, *Psychology in Action Annual Symposium, UCLA*, May 13, 2022
3. Motivated Memory and Curiosity Across the Lifespan, *Osher Lifelong Learning Institute, UCLA*, April 22, 2022

## INDUSTRY RESEARCH EXPERIENCE

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<b>3C Institute for Social Development</b> <i>Research Assistant I</i> PIs: Dr. Melissa DeRosier and Dr. Jim Thomas	Oct 2016–Sep 2018
<b>Teledyne Scientific &amp; Imaging</b> <i>Research Assistant</i> PI: Dr. Stephen Simons	Jan 2016–Sep 2016

## SERVICE TO UNIVERSITY

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President, <i>Psychology in Action Graduate Student Organization</i>	2021-2023
Guest Presentation, <i>Psychology in Action Annual Symposium</i>	2022
Guest Presentation, <i>Osher Lifelong Learning Institute</i>	2022
Webmaster, <i>Psychology in Action Graduate Student Organization</i>	2020-2021
Blog Contributor, <i>Psychology in Action Graduate Student Organization</i>	2018-Present

## MENTORSHIP

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### Training

Center for the Improvement of Mentored Experience in Research (CIMER)	2023
Mentor Training (15 hours), <i>UCLA</i>	

### Undergraduate Research Journal in Psychology at UCLA

Graduate student mentor	2021–Present
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### Undergraduate Students Mentored

\*indicates honors project completed under supervision

Edgar Sahakian	Apr 2023–Present
Julia Clark	Oct 2022–Present
Amber Gan* (Current Research Coordinator at SUNY Binghamton)	Sep 2021–Present
Alice Yang* (Current Masters student at University of Hong Kong)	Mar 2021–Oct 2022
Alexis Duke (Current MD student at Loma Linda University)	Apr 2019–Jun 2022
Ouxun Jiang* (Current PhD student at Northwestern University)	Aug 2019–Jun 2021
Melody Salimian	Jan 2019–Jun 2020
Jennifer Lew	Aug 2019–Mar 2020
Jessica Block	Jan 2019–Aug 2019
Shawn Schwartz (Current PhD student at Stanford University)	Jan 2019–Jun 2019
Bronson Barretto	Oct 2018–Jun 2019

## AD-HOC REVIEWER

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Metacognition and Learning  
Psychology and Aging (Co-Review)  
Aging, Neuropsychology, and Cognition (Co-Review)  
Clinical Interventions in Aging  
Cogent Psychology  
APS Student Caucus RISE Research Award  
APS Student Grant Competition

## DATA ANALYSIS SKILLS

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Analytical Techniques

- Multilevel modeling
- Mediation and moderation analysis
- Bayesian hypothesis testing

Software

- R
- SPSS
- JASP
- Jamovi

## PROFESSIONAL MEMBERSHIPS

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Women in Cognitive Science (WiCS), *Member*  
American Psychological Association (APA), *Graduate Student Member*  
Association for Psychological Science (APS), *Graduate Student Member*  
Psychonomic Society, *Graduate Student Member*  
Psi Chi, *Southeastern Region Member*