

MARY C. WHATLEYmcwhatley@g.ucla.edu<https://marycwhatley.weebly.com/>**EDUCATION**

University of California, Los Angeles (UCLA)

Expected June 2023

Ph.D. in Cognitive Psychology

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)**

2016

B.S. in Psychology

Minor in Neuroscience

Highest Thesis Honors and Distinction

RESEARCH INTERESTS

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

PEER REVIEWED PUBLICATIONS

*indicates undergraduate mentee

1. 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*.
2. **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.
3. 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.
4. **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>
5. **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>

6. 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

1. **Whatley, M. C.**, Schwartz, S. T.*, Block, J. B.*, & Castel, A. D. (Under Review). Memory, metamemory, and false memory for features of familiar logos: A misinformation effect for the Apple logo.

PEER REVIEWED BOOK CHAPTERS

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

1. **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.
2. **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.
3. Murphy, D. H., Agadzhanian, 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.
4. 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)

5. **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)
6. **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.
7. **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
8. 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.
9. **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.
10. **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

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

UCLA Cognitive Area Research Award (\$6,000)	2022
UCLA Dean's Excellence Award (\$15,000)	2021–2022
Shepherd Ivory Franz Distinguished Teaching Award	2022
Graduate Summer Research Mentorship Fellowship (\$6,000)	2019
University Fellowship (\$21,000)	2018–2019

TEACHING EXPERIENCE

Lead Teaching Assistant Spring 2021 – Winter 2022
 Research Methods in Psychology, *UCLA*

Teaching Assistant/Associate

<u>Course Title</u>	<u>Quarters Taught</u>	<u>Mean Rating (out of 9)</u>
Research Methods in Psychology	Summer 2022 Winter 2021 Fall 2020 Winter 2020	8.44
Cognitive Psychology	Spring 2022 Summer 2020 Spring 2020	8.45
Laboratory in Cognitive Psychology	Fall 2022 Fall 2019	8.43
Introductory Psychology	Spring 2019	7.57

UNDERGRADUATES MENTORED

*indicates honors project completed under supervision

Amber Gan*	Sep 2021–Present
Alice Yang*	Mar 2021–Present
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

INDUSTRY EXPERIENCE

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

SERVICE TO UNIVERSITY

President, <i>Psychology in Action Graduate Student Organization</i>	2021-Present
Graduate Mentor, <i>Undergraduate Research Journal of Psychology at UCLA</i>	2021-2022
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

AD-HOC REVIEWER

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

BLOG POSTS

1. Duke, A.*, & **Whatley, M. C.** (2021, June 7). Fake News! A Cognitive Perspective on the Spread of Misinformation Among Older Adults. [Blog Post]. <https://www.psychologyinaction.org/psychology-in-action-1/2021/4/5/fake-news-a-cognitive-perspective-on-the-spread-of-misinformation-among-older-adults>
2. **Whatley, M. C.** (2021, February 5). Older Adults Show Resilience During the COVID-19 Pandemic. [Blog Post]. <https://www.psychologyinaction.org/psychology-in-action-1/2021/2/5/older-adults-show-resilience-during-the-covid-19-pandemic>
3. **Whatley, M. C.** (2020, February 20). The Benefits of Maintaining a Curious Mind in Older Age. [Blog Post]. <https://www.psychologyinaction.org/psychology-in-action-1/2020/2/20/the-benefits-of-maintaining-a-curious-mind-in-older-age>
4. **Whatley, M. C.** (2019, July 8). Use of Technology in Dementia Care: Benefits and Ethical Considerations. [Blog Post]. <https://www.psychologyinaction.org/psychology-in-action-1/2019/7/8/use-of-technology-in-dementia-care-benefits-and-ethical-considerations>
5. **Whatley, M. C.** (2018, November 20). A Lifetime of Knowledge Can Benefit Memory in Old Age. [Blog Post]. <https://www.psychologyinaction.org/psychology-in-action-1/2018/11/20/a-lifetime-of-knowledge-can-benefit-memory-in-old-age>

DATA ANALYSIS SKILLS

Analytical Techniques

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

Software

- R
- SPSS
- JASP
- Jamovi

PROFESSIONAL MEMBERSHIPS

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*