

# Dillon H. Murphy

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## Education

### University of California, Los Angeles, CA

*September 2019 – Present, Cognitive Psychology Ph.D. Program*

- Major: Cognitive Psychology
- Master of Arts (M.A.), Cognitive Psychology, December, 2020
- Master's thesis: Metamemory that matters: Judgments of importance can engage responsible remembering
- Advisor: Dr. Alan Castel

### University of Oregon, Eugene, OR

*September 2015 – June 2019, College of Arts and Sciences*

- Bachelor's of Science in Psychology
- Cumulative GPA: 3.92; Psychology GPA: 3.86
- Thesis advisor: Dr. Nash Unsworth
- Departmental Honors in Psychology
- Latin Honors: *Magna Cum Laude*

## Peer-Reviewed Publications

**Murphy, D. H.,** Huckins, S. C., Rhodes, M. G., & Castel, A. D. (in press). The effect of perceptual processing fluency and value on metacognition and remembering. *Psychonomic Bulletin & Review*.

**Murphy, D. H.,** & Castel, A. D. (2021). The dynamics of memory for United States presidents in younger and older adults. *Memory*.

**Murphy, D. H.,** & Castel, A. D. (2021). The role of attention and aging in the retrieval dynamics of value-directed remembering. *Quarterly Journal of Experimental Psychology*.

**Murphy, D. H.,** Friedman, M. C., & Castel, A. D. (2021). Metacognitive control, serial position effects, and effective transfer to self-paced study. *Memory & Cognition*.

**Murphy, D. H.,** & Castel, A. D. (2021). Tall towers: Schemas and illusions when perceiving and remembering a familiar building. *Applied Cognitive Psychology*, 35, 1236-1246.

**Murphy, D. H.,** Agadzhanyan, K., Whatley, M. C., & Castel, A. D. (2021). Metacognition and fluid intelligence in value-directed remembering. *Metacognition and Learning*.

**Murphy, D. H.,** & Castel, A. D. (2021). Metamemory that matters: Judgments of importance can engage responsible remembering. *Memory*, 29, 271-283.

**Murphy, D. H., & Castel, A. D.** (2021). Responsible remembering and forgetting as contributors to memory for important information. *Memory & Cognition*, 49, 895-911.

**Murphy, D. H., & Castel, A. D.** (2021). Age-related similarities and differences in the components of semantic fluency: Analyzing the originality and organization of retrieval from long-term memory. *Aging, Neuropsychology and Cognition*, 28, 748-761.

**Murphy, D. H., & Castel, A. D.** (2020). Responsible remembering: How metacognition impacts adaptive selective memory. *Zeitschrift für Psychologie*, 228, 301-303.

#### **Chapters in Edited Books**

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*. Oxford University Press.

#### **Other Articles**

de Moraes, & **Murphy, D.** (2021, September). Cognitive Casualties: How Drugs Can Lead to Long-Term Deficiencies in Cognition. [Web blog post]. <https://www.psychologyinaction.org/psychology-in-action-1/2021/9/27/cognitive-casualties-how-drugs-can-lead-to-long-term-deficiencies-in-cognition>

**Murphy, D.** (2021, June). Pritzker Hall: A Cognitive Illusion in UCLA's Backyard. [Web blog post]. <https://www.psychologyinaction.org/psychology-in-action-1/2021/6/24/pritzker-hall-a-cognitive-illusion-in-uclas-backyard>

Chang, R., & **Murphy, D.** (2021, May). Individual vs. Collaborative Exams: The Effect of Collaboration on Learning. [Web blog post]. <https://www.psychologyinaction.org/psychology-in-action-1/2021/5/5/individual-vs-collaborative-exams-the-effect-of-collaboration-on-learning>

Falsken, D., & **Murphy, D.** (2021, February). Time Flies During a Pandemic: How Attentional Bias and Event Boundaries Impact Memory of 2020. [Web blog post]. <https://www.psychologyinaction.org/psychology-in-action-1/2021/2/22/time-flies-during-a-pandemic-how-attentional-bias-and-event-boundaries-impact-memory-of-2020>

**Murphy, D.** (2021, January). The Difficulties and Rewards of Publishing Papers in Psychological Journals. [Web blog post]. <https://www.psychologyinaction.org/psychology-in-action-1/2021/1/1/the-difficulties-and-rewards-of-publishing-papers-in-psychological-journals>

Chan, C., & **Murphy, D.** (2020, November). Priming in Action: How We Are Influenced Without Even Knowing. [Web blog post]. <https://www.psychologyinaction.org/psychology-in-action-1/2020/11/25/priming-in-action-how-we-are-influenced-without-even-knowing>

**Murphy, D.** (2020, August). Cognitive Offloading: The Memory Benefits and Drawbacks of Using Technology to Store Limitless Information. [Web blog post]. <https://www.psychologyinaction.org/psychology-in-action-1/2020/8/9/cognitive-offloading-the-memory-benefits-and-drawbacks-of-using-technology-to-store-limitless-information>

Agadzhanian, K., & **Murphy, D.** (2020, April). Memory Malfunctions: A Discussion of Research on False Memory. [Web blog post]. <https://www.psychologyinaction.org/psychology-in-action-1/2020/3/23/memory-malfunctions-a-discussion-of-research-on-false-memory>

**Murphy, D.** (2019, December). Do Undergraduate Participant Pools Introduce Sources of Unaccounted Variance? [Web blog post]. <http://www.psychologyinaction.org/psychology-in-action-1/2019/12/16/do-undergraduate-participant-pools-introduce-sources-of-unaccounted-variance>

**Murphy, D.** (2019). The role of originality in retrieval from long-term memory: Relations between fluency, originality, working memory capacity, and crystallized intelligence. *Oregon Undergraduate Research Journal*, 15, 18-33.

## **Presentations**

### **2020 Psychonomic Society Annual Meeting**

*November 2020, Virtual*

- **Murphy, D. H.**, Agadzhanyan, K., Whatley, M. C., & Castel, A. D. (2020, November). Metacognition and fluid intelligence in value-directed remembering. Poster presentation at the 61st Annual Psychonomics Meeting, Virtual.

### **UCLA Cognitive Forum Data Blitz**

*October 2020, Los Angeles, CA*

- **Murphy, D. H.**, & Castel, A. D. (2020, October). Responsible retrieval: The dynamics of free recall when responsibly remembering. Presentation at the UCLA Cognitive Forum Data Blitz, Los Angeles, California.

### **2018 Association for Psychological Science Conference**

*May 2018, San Francisco, CA*

- **Murphy, D.**, Unsworth, N., Robison, M., & Miller, A. L. (2018, May). The relation of fluency, originality, working memory capacity, and crystallized intelligence. Poster presentation at the 30th Annual Association for Psychological Science Convention, San Francisco, California.

### **2018 Western Psychological Association Conference**

*April 2018, Portland, OR*

- **Murphy, D.**, Unsworth, N., Robison, M., & Miller, A. L. (2018, April). The relation of fluency, originality, working memory capacity, and crystallized intelligence. Poster presentation at the 98th Annual Western Psychological Association Convention, Portland, Oregon.

## **Research Experience**

### **Doctoral Student in Memory and Lifespan Cognition Lab**

*September 2019 – Present, University of California, Los Angeles*

*Principal Investigator: Dr. Alan Castel*

- Conducted extensive research on human memory, metacognition, attention, and how these things change across the lifespan.
- Trained in research methods including experimental design and quantitative analyses.

### **Research Assistant in Memory Attention and Individual Differences Lab**

*September 2017 – July 2019, University of Oregon*

*Principal Investigator: Dr. Nash Unsworth*

- Conducted experiments examining the memory and attention processes and the individual differences within those processes. I piloted studies and provided input on lab research related to memory and attention, including working memory capacity, memory control, strategic search and retrieval, and the focus of attention.
- Published a paper in the Oregon Undergraduate Research Journal examining the relationship between fluency, originality, working memory capacity, and crystallized intelligence as well as the role of originality in retrieval from long term memory.
- Wrote a thesis on the role of memory self-efficacy in the dynamics of free recall as part of a larger publication.

**Research Assistant in Social Cognition Lab**

*December 2016 – September 2018, University of Oregon*

*Principal Investigator: Dr. Sara Hodges*

- Ran experiments studying aspects of interpersonal perception and social behavior. Coded written responses and video interactions for empathy, empathic accuracy, perspective taking, interpersonal sensitivity and decision making. We found that individuals tend to utilize information from a variety of sources, often schemas and stereotypes, when trying to infer another person's thoughts.

**Research Assistant in Personality and Social Dynamics Lab**

*September 2017 – July 2018, University of Oregon*

*Principal Investigator: Dr. Sanjay Srivastava*

- We studied the dynamics of personality in social contexts. I observed dyadic interactions and provided perceptions of the subjects using the Big Five Inventory 2 and Social Behavior Inventory as part of a study examining self-perception and interpersonal perception as well as emotion processes in social contexts.

**Research Assistant in Kuhl Memory and Attention Lab**

*January 2017 – June 2017, University of Oregon*

*Principal Investigator: Dr. Brice Kuhl*

- Recruited participants and ran experiments using EEG to determine whether subjects were in an “encoding state” or “retrieval state.” In particular, we had subjects view stimuli that were similar to stimuli they had previously viewed (e.g., they first saw one coffee mug and then later saw a new coffee mug). We theorized that when participants see the second coffee mug, they could either encode the stimulus as a new stimulus or they could remember the coffee mug viewed earlier. We analyzed the patterns of EEG data to determine which of these two processes occurred.

**Honors, Awards, and Fellowships****Graduate Summer Research Mentorship**

*June 2021 – August 2021, University of California, Los Angeles*

- Awarded \$6,000 for summer research.

**Psychology Graduate Summer Research Mentorship**

*June 2020 – August 2020, University of California, Los Angeles*

- Awarded \$6,000 for summer research.

**Distinguished University Fellowship**

*September 2019 – June 2020, University of California, Los Angeles*

- Awarded \$21,000 for full-time research and study.

**University of Oregon Latin Honors**

*June 2019, University of Oregon*

- Graduated with *magna cum laude* Latin honor
- Recognizes top 5% of graduating class

**University of Oregon Psychology Honors Program**

*September 2018 – June 2019, University of Oregon*

*Advisor: Dr. Nash Unsworth*

- Selected for the honors program after completing psychology courses with exemplary grades and extensive research experience. The honors program requires students to complete an advanced statistics class, enroll in the honors program seminar sequence, and write an independent thesis. My project evaluated memory self-efficacy and strategy use as it relates to long term memory.

**University of Oregon General University Scholarship**

*2017, & 2018, University of Oregon*

- Received \$5,700 for academic merit and exemplary extracurricular activities.

**Teaching Experience**

**Teaching Associate**

*March 2021 – Present, University of California, Los Angeles*

- Cognitive Psychology, overall rating: 8.62 (out of 9)

**Teaching Assistant**

*September 2019 – March 2021, University of California, Los Angeles*

- Introductory Psychology, overall rating: 7.96 (out of 9)
- Cognitive Psychology, overall rating: 8.56 (out of 9)
- Research Methods in Psychology, overall rating: 8.69 (out of 9)

**Professional Services**

**Ad-hoc Co-Reviewer**

- Journal of Experimental Psychology: Learning, Memory, and Cognition
- Memory & Cognition
- Memory
- Quarterly Journal of Experimental Psychology
- Journal of Applied Research in Memory and Cognition
- Attention, Perception, & Psychophysics

**Graduate Assistant for the UCLA Psychology Undergraduate Research Conference**

*January 2020 – Present, University of California, Los Angeles*

- Read all application abstracts and determine which should be selected.
- Organize and edit conference abstracts for the program.
- Recruit volunteers and create advertisements for the event.
- Co-coordinate and organize the event.

**Graduate Mentor for the UCLA Undergraduate Research Journal of Psychology**

*November 2020 – Present, University of California, Los Angeles*

- Lead workshops on writing and research practices, APA standards, and the peer review process.
- Guide the undergraduate editorial team in refining drafts accepted to the final round of submissions.
- Author of the *Preface* for the eighth annual issue in 2021.

**Psychology in Action Leadership Team**

*July 2020 – Present, University of California, Los Angeles*

- Provide input on the need direction of the program, a scientific communication organization that is independently run by graduate students in the Psychology Ph.D. program at UCLA.
- Tweet and share blog posts from Psychology in Action.
- Assist with annual symposium.

## **Professional Memberships**

### **University of Oregon Ambassador Program**

Ambassador: *September 2016 – June 2017, University of Oregon*

- Lead campus tours, called prospective students, and participated in on-campus and off-site recruitment events

Senior Ambassador: *June 2017 – April 2018, University of Oregon*

- Continued the duties of an Ambassador while mentoring new and current Ambassadors, provided input for the direction of the program, assisted with sales and inventory, answered phones, and emailed guests

Student Director: *April 2018 – August 2019, University of Oregon*

- Planned, coordinated, and implemented group visits and large open-house visit events
- Developed statistical reports for campus officials
- Assisted in recruiting, interviewing, selecting, and training staff
- Planned meetings and helped supervise and evaluate staff

### **Psychology Peer Statistics Tutoring Program**

Tutor: *September 2017 – November 2017, University of Oregon*

- Mentored and tutored students on statistics homework, exams, and SPSS

Coordinator: *November 2017 – April 2018, University of Oregon*

- Continued to mentor and tutor students on statistics homework, exams, and SPSS
- Recruited, interviewed, selected, and trained tutors
- Communicated information via email, held weekly meetings, and planned program hours

### **Peer Lab Leader**

*September 2016 – June 2017, University of Oregon*

- Lead a class of 20-30 students in Psychology 202: Mind and Society
- Facilitated discussions, presented supplemental materials, ran in-class demonstrations of empirical data collection, measurement, and research methodology
- Clarified course concepts and answered questions
- Shared personal experience and tips for success
- Completed seminar for leadership and discussion training

### **American Psychological Association**

*September 2021 – Present*

- Scientific and professional organization representing psychology in the United States.

### **Psychonomic Society**

*May 2020 – Present*

- An international community of cognitive psychologists involved in the experimental study of cognition.

### **Phi Beta Kappa Society**

*University of Oregon*

- America's most prestigious academic honor society for superb academic record and demonstrating excellence in the liberal arts and sciences

### **Psi Chi International Honor Society in Psychology**

*November 2016 – June 2019, University of Oregon*

- Recognizes the top 35% of psychology majors at the University of Oregon

**Undergraduates  
Mentored**

- Karina Agadzhanian, October 2019 – June 2021, Ph.D. student, Cognitive Psychology, University of California Los Angeles
- Stephen Huckins, November 2019 – June 2021, Ph.D. student, Cognitive Neuroscience, Florida State University
- Sabine Elfarissi, January 2021 – June 2021, Master's student, Data Science, University of Southern California
- Kara Hoover, September 2020 – August 2021, Lab Manager, Umanath Memory & Aging Lab, Claremont McKenna College

**References**

**Dr. Alan Castel**

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**Dr. Robert Bjork**

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**Dr. Nash Unsworth**

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