

## Caitlin R. Bowman, Ph.D.

Department of Psychology, University of Wisconsin-Milwaukee

[bowman2@uwm.edu](mailto:bowman2@uwm.edu)

---

### Academic Positions

- 2021 - Assistant Professor, University of Wisconsin-Milwaukee  
Department of Psychology
- 2022 - Adjunct Assistant Professor, Medical College of Wisconsin  
Clinical and Translational Science Institute

### Education and Training

- 2015 - 2020 Postdoctoral researcher, University of Oregon  
Advisor: Dagmar (Dasa) Zeithamova
- 2010 - 2015 Ph.D., The Pennsylvania State University  
Advisor: Nancy Dennis
- 2008 - 2010 Research Assistant, University of Oregon  
Advisors: Michael Anderson, Margaret Sereno
- 2006 - 2009 B.A., Psychology (Magna Cum Laude, with honors), New York University  
Advisors: Lila Davachi, Madeline Heilman

### Fellowships, Honors, and Awards

- 2024 Nominee for UWM Research Mentor of the Year
- 2017 - 2020 Postdoctoral National Research Service Award  
National Institute of Aging
- 2018 Society for Neuroscience Trainee Professional Development Award
- 2016 Enhancing Postdoctoral Experience Award, University of Oregon
- 2015 Penn State Psychology Department Outstanding Graduate Teaching Award
- 2014 APA Dissertation Award
- 2014 Research and Graduate Studies Office Dissertation Award, Penn State
- 2013 Superior Teaching and Research Award, Penn State
- 2011 Kraft Wilson Graduate Fellowship in Social Sciences, Penn State
- 2009 *Magna cum laude*, New York University
- 2009 Founder's Day Award, New York University
- 2006-2009 Dean's List, New York University
- 2006-2009 Baird Scholar, New York University

### Publications

*Journal articles – in progress*

1. Valdez, M.R., Obarski, S.A., & **Bowman, C.R.** Confirming a hunch? Using study choices to understand the mechanisms of memory-based inference. **Preprint:** <https://doi.org/10.31234/osf.io/egzyd>.
2. **Bowman, C.R.** & Zeithamova, D. High coherence among training exemplars promotes broad generalization of face families. **Preprint:** <https://doi.org/10.31234/osf.io/prn3j>.

*Journal articles – published*

1. **Bowman, C.R.** & Zeithamova, D. (2023). Coherent category training enhances generalization in prototype-based categories. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 49(12), 1923-1942.
2. **Bowman, C.R.**, Valdez, M.R., & Obarski, S.A. (2023). Learning new categories in older age: a review of theoretical perspectives and empirical findings. *Psychology and Aging*, 38(3), 174-187.
3. **Bowman, C.R.**, Iwashita, T., & Zeithamova, D. (2022). The effects of age on prototype- and exemplar-based categorization. *Psychology and Aging*, 37(7), 800-815.
4. Chamberlain, J.C., **Bowman, C.R.**, & Dennis, N.A. (2022). Age-related differences in encoding-retrieval similarity and their relationship to false memory. *Neurobiology of Aging*, 113, 15-27.
5. **Bowman, C.R.**, Ashby, S.R., & Zeithamova, D. (2022). Age effects on category learning, categorical perception, and generalization. *Memory*, 30(3), 230-247.
6. **Bowman, C.R.**, de Araujo Sanchez, M.A., Hou, W., Rubin, S., & Zeithamova, D. (2021). Generalization and false memory in an acquired equivalence paradigm: the influence of physical resemblance across related episodes. *Frontiers in Psychology*, 12, 2646.
7. **Bowman, C.R.**, Iwashita, T., & Zeithamova, D. (2020). Tracking prototype and exemplar representations in the brain across learning. *eLife*.
8. Zeithamova, D. & **Bowman, C.R.** (2020). Generalization and the hippocampus: More than one story? *Neurobiology of Learning and Memory*, 175.
9. Ashby, S.R., **Bowman, C.R.**, & Zeithamova, D. (2020). Perceived similarity ratings predict generalization success after traditional category learning and a new paired-associate learning task. *Psychonomic Bulletin and Review*, 27(4), 791-800.
10. **Bowman, C.R.** & Zeithamova, D. (2020). Training set coherence and set size effects on concept generalization and recognition. *Journal of Experimental Psychology: Learning Memory & Cognition*, 46(8), 1442-1464.
11. Frank, L.E.\*, **Bowman, C.R.\***, & Zeithamova, D. (2019). Differential functional connectivity along the long axis of the hippocampus aligns with differential role in memory specificity and generalization. *Journal of Cognitive Neuroscience*, 31(12), 1-18.
12. **Bowman, C.R.**, Chamberlain, J.C., & Dennis, N.A. (2019). Sensory representations supporting memory specificity: Age effects on behavioral and neural discriminability. *Journal of Neuroscience*, 39(12), 2265-2275.
13. **Bowman, C.R.** & Zeithamova, D. (2018). Abstract memory representations in the ventromedial prefrontal cortex and hippocampus support concept generalization. *Journal of Neuroscience*, 38(10), 2605-2614.
14. Huhn, J.M., III, **Bowman, C.R.**, Dennis, N.A. (2018). Repeated study of items with and without repeated context: aging effects on memory discriminability. *Memory*, 26(5), 603-609.
15. **Bowman, C.R.\***, Sine, S.L.\* & Dennis, N.A. (2017). Modulation of target recollection and recollection rejection networks due to retrieval facilitation and interference. *Learning & Memory*, 24(11), 607-611.
16. Geiger, A.N.\*, **Bowman, C.R.\***, Clothier, T. & Adams, R.B., Jr. (2017). Witnessing harm to the environment stimulates neural activation in networks associated with empathic responses. *Social Justice Research*.
17. **Bowman, C.R.**, & Dennis, N.A. (2016). The neural basis of recollection rejection: increases in hippocampal-prefrontal connectivity in the absence of a shared recall-to reject and target recollection network. *Journal of Cognitive Neuroscience*, 28(8), 1194-1209.
18. **Bowman, C.R.** & Dennis, N.A. (2015). Age differences in the neural correlates of novelty processing: The effects of item-relatedness. *Brain Research*, 1612, 2-15.
19. **Bowman, C.R.** & Dennis, N.A. (2015) The neural correlates of correctly rejecting lures during memory retrieval: The role of item-relatedness. *Experimental Brain Research*, 233, 1963-1975.
20. Dennis, N.A., **Bowman, C.R.**, & Peterson, K.M. (2014) Neural correlates mediating false recollection in older adults. *Neurobiology of Aging*, 35(2), 395-407.
21. Dennis, N.A., **Bowman, C.R.** & Vandekar, S.N. (2012) True and phantom recollection: an fMRI investigation of similar and distinct neural correlates and connectivity. *Neuroimage*, 59, 2982-2993.

\*These authors contributed equally to this work.

## Chapters

1. **Bowman, C.R.** & Zeithamova, D. (in press). Memory separation and integration. *Learning and Memory: A Comprehensive Reference*, Third Edition. Rugg, M.D. (ed), Elsevier.
2. Dennis, N.A., **Bowman, C.R.**, & Turney, I.C. (2015). Functional neuroimaging of false memory. *The Cognitive Neuroscience of Human Memory*. Addis, D.R., Barense, M. & Duarte, A. (eds), Wiley-Blackwell.
3. Liben, L.S. & **Bowman, C.R.** (2013). The development of memory from a constructivist perspective. *Handbook on the Development of Children's Memory*. Bauer, P. & Fivush, R. (eds), Wiley-Blackwell.

## Grants

### Current

1. National Institute on Aging 2023-2028  
MSTEM: Advancing Diversity in Aging Research through Undergraduate Education  
*UW-Milwaukee Promoting Equity, Diversity, and Academic Success Through Aging Research Program*  
Role: co-I, PI: Karyn Frick

### Completed

1. National Institute on Aging 2017-2020  
Ruth L. Kirschstein National Research Service Award  
*Memory precision and generalization: aging effects on the cognitive and neural basis of adaptive memory function*  
Role: PI

## Invited Talks

Building memories that generalize.

*Milwaukee Neuroscience Research Retreat, April 2024.*

Brain mechanisms of memory specificity and generalization and their age-related change.

*University of Virginia, November 2020.*

*University of Wisconsin-Milwaukee, Department of Biological Sciences, March 2021.*

## Conference Presentations

### Symposia

1. **Bowman, C.R.** & Zeithamova, D. (2023). The hippocampus and VMPFC represent abstract prototypes in category generalization. *Nanosymposium talk presented at the Society for Neuroscience 2023 Meeting, Washington, D.C.*
2. **Bowman, C.R.** (2023). Learning prototype-based categories in older age. *Presented at the 2023 Context and Episodic Memory Symposium, Orlando, FL.*
3. Chamberlain, J.C., Dennis N.A., & **Bowman, C.R.** (2022). Age-deficits in ventral visual neural discriminability and recapitulation associated with false memories. *Presented at the 63<sup>rd</sup> annual meeting of the Psychonomic Society, Boston, MA.*
4. **Bowman, C.R.** & Valdez, M.R. (2022). How consistently do individuals use a prototype vs. exemplar strategy to categorize? *Presented as part of the APA Division 3 Early Career Datablitz at the 2022 APA Convention, Minneapolis, MN.*
5. **Bowman, C.R.** (2021). The hippocampus and ventromedial prefrontal cortex support memory generalization. *Midbrains: Midwest Regional Neuroscience Virtual Conference.*
6. Garcia, S., **Bowman, C.R.**, Zeithamova, D. (2018). Different types of negative emotion may impact memory for associations. *California State University Summer Symposium at UCLA, Los Angeles, CA.*
7. **Bowman, C.R.**, Webb, C.E., Chamberlain, J., Kurkela, K. & Dennis, N.A. (2018). Investigating dedifferentiation in visual cortex underlying false memories in aging. *Presented as part of the Neural*

*dedifferentiation and age-related cognitive decline symposium at the 25<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, Boston, MA.*

8. Zeithamova, D., Ashby, S.R., **Bowman, C.R.** (2017). Changes in face representations following category learning. *Presented at the Cognitive Science Association for Interdisciplinary Learning annual meeting, Hood River, OR.*
9. Zeithamova, D., Resnick, A., de Araujo Sanchez, M.A., & **Bowman, C.R.** (2016) No trade-off between memory specificity and memory generalization. *Presented at the 6<sup>th</sup> International Conference on Memory, Budapest, Hungary.*

#### Posters

1. Kimura, K., Hong, Y., Allen, W.C., Birr, S.M., Hawkins-Luken, C.K., & **Bowman, C.R.** (2024). Aging and the role of prior knowledge in neural discrimination of scene image. *Poster presented at the 2024 annual meeting of the Society for Neuroscience, Chicago, IL.*
2. Kimura, K., Hong, Y., & **Bowman, C.R.** (2024). Aging and the role of prior knowledge in neural discrimination of scene images. *Poster presented at NEURO2024, Fukuoka City, Japan.*
3. Kimura, K., Hong, Y., & **Bowman, C.R.** (2024). Aging and the role of prior knowledge in category-level neural discrimination of scene images. *Poster presented at the 2024 Cognitive Neuroscience Society Meeting, Toronto, CA.*
4. Hong, Y., Kimura, K., & **Bowman, C.R.** (2024). Aging and the role of prior knowledge in item-level neural discrimination of scene images. *Poster presented at the 2024 Cognitive Neuroscience Society Meeting, Toronto, CA.*
5. Houser, T.M., **Bowman, C.R.**, & Zeithamova, D. (2024). Neural dedifferentiation and reduced specific memory in aging. *Poster presented at the 2024 Cognitive Neuroscience Society Meeting, Toronto, CA.*
6. Kimura, K., Hong, Y., & **Bowman, C.R.** (2023). Aging and the role of prior knowledge in neural discrimination of scene images. *Poster presented at the 2023 Society for Neuroscience Meeting, Washington D.C.*
7. Charles, C.I., Birr, S.M., & **Bowman, C.R.** (2023). Age-related differences in functional connectivity patterns along the hippocampal long axis. *Poster presented at the 2023 Society for Neuroscience Meeting, Washington D.C.*
8. Charles, C.I. & **Bowman, C.R.** (2023). Age effects in associative inference. *Poster presented at the 2023 Context and Episodic Memory Symposium, Orlando, FL.*
9. Kimura, K., Valdez, M.R., & **Bowman, C.R.** (2023). Does state of mind predict category learning in older adults? *Poster presented at the 2023 Context and Episodic Memory Symposium, Orlando, FL.*
10. Valdez, M.R. & **Bowman, C.R.** (2023). Age-related differences in reliability of categorization strategies across multiple category-learning opportunities. *Poster presented at the 2023 Context and Episodic Memory Symposium, Orlando, FL.*
11. Chamberlain, J.C., Dennis, N.A., & **Bowman, C.R.** (2022). Age deficits in ventral visual neural discriminability and recapitulation associated with false memories. *Poster to be presented at the 63<sup>rd</sup> Annual Meeting of the Psychonomic Society, Boston, MA.*
12. Charles, C.I. & **Bowman, C.R.** (2022). How does age affect the distinctiveness of anterior versus posterior hippocampal brain networks? *Poster presented at the 29<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.*
13. Valdez, M.R., Zeithamova, D. & **Bowman, C.R.** (2022). Neural markers of learning that predict subsequent categorization strategy. *Poster presented at the 29<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.*
14. **Bowman, C.R.**, Iwashita, T., & Zeithamova, D. (2021). Category representations after learning from both typical and atypical examples. *Poster presented at the 2021 Society for Neuroscience Virtual Meeting.*

15. **Bowman, C.R.**, & Zeithamova, D. (2019). Model-based MRI reveals abstract concept representations in medial prefrontal cortex and hippocampus. *Poster presented at the Annual Meeting of the Organization for Human Brain Mapping, Rome, Italy.*
16. Zeithamova, D., Frank, L.E., & **Bowman, C.R.** (2019). Anterior and posterior hippocampus connectivity with memory specificity and generalization regions. *Poster presented at the Annual Meeting of the Organization for Human Brain Mapping, Rome, Italy.*
17. **Bowman, C.R.** & Zeithamova, D. (2019). Concept generalization in young and older adults. *Poster presented at the 26<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.*
18. Iwashita, T., **Bowman, C.R.** & Zeithamova, D. (2019). Investigating contributions of memory systems to concept generalization using individual differences in cognitive abilities. *Poster presented at the 26<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.*
19. Frank, L.E., **Bowman, C.R.**, & Zeithamova, D. (2019). Distinct connectivity patterns of anterior and posterior hippocampus. *Poster presented at the 26<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.*
20. Ashby, S.A., **Bowman, C.R.**, & Zeithamova, D. (2019). Spontaneous generalization following paired-associate training. *Poster presented at the 26<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.*
21. **Bowman, C.R.** & Zeithamova, D. (2018). Tracking the development of specific and generalized representations during concept learning. *Poster presented at the 48<sup>th</sup> Annual Society for Neuroscience Conference, San Diego, CA.*
22. Ashby, S., **Bowman, C.R.**, & Zeithamova D. (2018). Spontaneous generalized memory representations following paired-associates training. *Poster presented at the 48<sup>th</sup> Annual Society for Neuroscience Conference, San Diego, CA.*
23. Frank, L., **Bowman, C.R.**, & Zeithamova, D. (2018). Distinct connectivity patterns along the hippocampal anterior-posterior axis. *Poster presented at the 48<sup>th</sup> Annual Society for Neuroscience Conference, San Diego, CA.*
24. **Bowman, C.R.**, Webb, C.E., Chamberlain, J., & Dennis, N.A. (2018). Age differences in pattern similarity associated with false recognition. *Poster presented at the 25<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, Boston, MA.*
25. **Bowman, C.R.** & Zeithamova, D. (2017). Prototype model correlates in the VMPFC during concept generalization. *Poster presented at the 47<sup>th</sup> Annual Society for Neuroscience Conference, Washington, D.C.*
26. **Bowman, C.R.** & Zeithamova, D. (2017). Prototype representations in VMPFC and hippocampus during concept generalization. *Poster presented at the 24<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.*
27. Ashby, S.R., **Bowman, C.R.**, & Zeithamova, D. (2017). Changes in item representations following category learning. *Poster presented at the 24<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.*
28. Adke, A., **Bowman, C.R.**, & Zeithamova, D. (2017). Aging effects on perceptual and conceptual memory transformations from short-term to long-term memory. *Poster presented at the 24<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.*
29. **Bowman, C.R.** & Zeithamova, D. (2016) Neural representations of concepts and exemplars: comparing generalization and recognition. *Poster presented at the 46<sup>th</sup> Annual Society for Neuroscience Conference, San Diego, CA.*
30. **Bowman, C.R.** & Zeithamova, D. (2016) Flexible use of category representations. *Poster presented at the 6<sup>th</sup> International Conference on Memory, Budapest, Hungary.*

31. **Bowman, C.R.**, Huhn III, J.M., & Dennis, N.A. (2016) Repeated study of items with and without repeated context: Aging effects on recollection and familiarity. *Poster presented at the 6<sup>th</sup> International Conference on Memory, Budapest, Hungary.*
32. **Bowman, C.R.** & Dennis, N.A. (2016). Recall-to-reject: Aging effects on the neural correlates of recollection rejection. *Poster presented at the 2016 Cognitive Aging Conference, Atlanta, GA.*
33. Sine, S., **Bowman, C.R.**, & Dennis, N.A. (2016). The neural correlates of related lure interference on correct recognition and false memory suppression. *Poster presented at the 23<sup>rd</sup> Annual Cognitive Neuroscience Society Meeting, New York, NY.*
34. **Bowman, C.R.**, & Dennis, N.A. (2015). Recall-to-reject: The neural correlates of false memory suppression using true recollection. *Poster presented at the 22<sup>nd</sup> Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.*
35. **Bowman, C.R.**, & Dennis, N.A. (2015). Recall-to-reject: The neural correlates of false memory suppression using true recollection. *Poster presented at the Penn State Graduate Exhibition.*
36. Geiger, N., **Bowman, C.R.**, Clothier, T., Nelson, A.J., Adams, R.B., Jr. (2015). Witnessing harm to the environment stimulates neural activation in empathic networks. *Poster presented at the 4<sup>th</sup> annual Sustainability Psychology preconference for the Society for Personality and Social Psychology, Long Beach, CA.*
37. **Bowman, C.R.**, Turney, I.C., Dennis, N.A., & Adams, R.B., Jr. (2014). The effects of face age on memory encoding: neural similarities and differences in activity and functional connectivity. *Poster presented at the 21<sup>st</sup> Annual Cognitive Neuroscience Society Meeting, Boston, MA.*
38. Cárdenas, R.A., Garrido, C.O., **Bowman, C.R.**, Adams, R.B., Jr. (2014). Gender and care-giving tendencies drive selective sensitivity in the fusiform face area to different aged faces. *Poster presented at the 21<sup>st</sup> Annual Cognitive Neuroscience Society Meeting, Boston, MA.*
39. **Bowman, C.R.** & Dennis, N.A. (2013). The neural correlates mediating age deficits in novelty detection. *Poster presented at the 20<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.*
40. **Bowman, C.R.**, Peterson, K.M. & Dennis, N.A. (2012). The neural correlates mediating true and false recollection in younger and older adults. *Poster presented at the 2012 Cognitive Aging Conference, Atlanta, GA.*
41. **Bowman, C.R.**, Peterson, K.M. & Dennis, N.A. (2012). The effects of item relatedness on the neural correlates of novelty detection. *Poster presented at the 19<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, Chicago, IL.*
42. **Bowman, C.R.**, Vandekar, S.N. & Dennis, N.A. (2011). Neural correlates mediating true and false recollection. *Poster presented at the 41<sup>st</sup> Annual Society for Neuroscience Conference, Washington DC.*
43. Ezzyat, Y., **Bowman, C.R.**, & Davachi, L. (2009). The influence of event perception on long-term memory formation. *Poster presented at the 39<sup>th</sup> Annual Society for Neuroscience Conference, Chicago, IL.*

*Presentations at undergraduate research conferences*

1. Rockette, R.S., Charles, C.I., & **Bowman, C.R.** (2024). Learning and memory of healthy older adults: age effects in associative memory-based tasks. *Poster presented at the 2024 UWM Undergraduate Research Symposium.*
2. Kania, J.M. & **Bowman, C.R.** (2024). Does previewing overlapping information help young adults make inferences across experiences? *Poster presented at the 2024 UWM Undergraduate Research Symposium.*  
\*Poster award winner.
3. Hawkins-Luken, C.K., Kimura, K., Hong, Y., & **Bowman, C.R.** (2024). The role of prior knowledge on recalling scene images. *Poster presented at the 2024 UWM Undergraduate Research Symposium.*
4. Allen, W.C. & **Bowman, C.R.** (2024). Assessing human performance on scene recognition and the likelihood of erroneous recognition of famous and non-famous landmark. *Poster presented at the 2024 UWM Undergraduate Research Symposium.*

5. Ebben, A.A., Birr, S.M., Charles, C.I., & **Bowman, C.R.** (2023). Assessing consistency between manual and automated human hippocampal segmentations from MRI images. *Poster presented at the 2023 UWM Undergraduate Research Symposium.*
6. Kania, J.M., Valdez, M.R., & **Bowman, C.R.** (2023). Does previewing overlapping information aid the formation of indirect associations? *Poster presented at the 2023 UWM Undergraduate Research Symposium.* \*Poster award winner
7. Bristol, A.J., Valdez, M.R., & **Bowman, C.R.** (2023). The relationship between individual differences in cognitive abilities and learning new categories. *Poster presented at the 2023 UWM Undergraduate Research Symposium.*
8. Birr, S.M., Charles, C.I., & **Bowman, C.R.** (2022). Comparing the consistency of manual and automated segmentations of the human hippocampus from MRI images. *Poster presented at the 2022 MidBrains Undergraduate Neuroscience Conference, Eau Claire, WI.*
9. Garcia Ramierz, Y., Valdez, M.R., & **Bowman, C.R.** (2022). Cognition in older adults: How does a healthy brain perform? *Poster presented at the 2022 UR@UWM Summer Research Symposium.*
10. Swanson, E., Obarski, S.A., Valdez, M.R., & **Bowman, C.R.** (2022). Solving a memory mystery: How do people remember inferences? *Poster presented at the 2022 UR@UWM Summer Research Symposium.*
11. Birr, S., Valdez, M.R., & **Bowman, C.R.** (2022). Learning categories from individual examples. *Poster presented at the 2022 UWM Undergraduate Research Symposium.*
12. Obarski, S.A., Valdez, M.R., & **Bowman, C.R.** (2022). Confirming a hunch: Do people seek to confirm their inferences? *Poster presented at the 2022 virtual National Conference of Undergraduate Research.*

## Teaching Experience – Lead Instructor

### *University of Wisconsin-Milwaukee*

fMRI study design and data analysis	2024
Graduate Neuroscience seminar	2022, 2023
Cognitive Processes	2021-2023
Introduction to Cognitive Psychology ( <i>in-residence</i> )	2023
Introduction to Cognitive Psychology ( <i>online</i> )	2021, 2022

### *Penn State, University Park*

Neurological Bases of Behavior ( <i>in residence</i> )	2014, 2015
Introduction to Cognitive Psychology ( <i>online</i> )	2014
Research Methods in Psychology ( <i>online</i> )	2013

## Teaching Experience - Teaching Assistantships

### *Penn State University (in residence)*

Graduate level fMRI methods	2013, 2014
<i>Instructor for lab portion of the course</i>	
Psychology of Emotion	2014
Childhood interventions	2013
Graduate level Social Neuroscience	2013
Research Methods	2012
<i>Instructor for weekly lab portion of the course</i>	
Human Sexuality	2012
Learning and Memory	2011, 2012
<i>Guest lecture: "The cognitive and neural basis of metamemory"</i>	

Senior Seminar	2011
<i>Guest lecture: "The role of memory in expert-level knowledge"</i>	
Cognitive Development	2010

*New York University (in residence)*

Introduction to Psychology	2009-2010
<i>Instructor for weekly recitation section</i>	

**Professional Development**

2023	Inclusive Teaching Toward Justice program, UWM (3 session series)
2022	Culturally Aware Mentoring, Angela Byars-Winston
2021	High Impact Practices in Teaching Workshop, UW System
2021	Antiracist Teaching Practices for Writing Across Disciplines, UWM
2017	Research mentor training, Online through University of Wisconsin-Madison's NIH-funded <i>What Matters in Mentoring Project</i>

**Outreach and Community Engagement**

2024	"How the brain learns new topics," Community talk given to members of the Oscher Lifelong Learning Institute, Milwaukee, WI
2024	"How do people form memories and use them when making decisions?" Talk given to members of UWM's Student Gerontology Association
2024	Panelist for discussion on academic job searches, Cognitive Psychology Brownbag, Penn State
2023	"The Science of Healthy Cognitive Aging", Community talk given to members of the Osher Lifelong Learning Institute, Milwaukee, WI
2022-2024	Participated in UWM's Make a Difference Day: Helped seniors in Milwaukee area winterize their homes
2021, 2022	UWM Graduate School Open House, Neuroscience program representative
2021	UWM Meet & Greet: An SFN virtual networking event
2021-2023	Graduate school panel, Midbrains undergraduate neuroscience conference
2021	"What does healthy memory function look like in seniors?", Community talk given to residents at the Meetinghouse senior living facility, Milwaukee, WI
2018	Brain Awareness Week workshop, Edison Elementary School, Eugene, OR
2017	"Memory and aging: Transfer of information from short-term to long-term memory", Community talk given to members of the Osher Lifelong Learning Institute, Eugene, OR
2017	Mental Time Travel, Hands-on workshop Apprenticeships in Science & Engineering's Saturday Academy, Corvallis, OR Summer Academy to Inspire Learning, Eugene, OR
2016	Science Open House, Science Program to Inspire Creativity and Excellence, Eugene, OR
2016	Meet a Scientist, Science Factory, Eugene, OR

**Departmental Service**

2022-	CLAMS student organization advisor
2022-	Human subjects coordinator, Department of Psychology
2021-	Chair of graduate admissions, Neuroscience Area



2022-2023 Brownbag coordinator, Neuroscience Area

### **Committee Memberships**

2022- UWM Graduate Program Committee

2022-2023 UWM Cognitive Neuroscience search committee

2021-2022 UWM Behavioral Neuroscience search committee

2014 – 2015 Penn State Social, Life, and Engineering Sciences Imaging Center Student Advisory Council

2013, 2015 Student representative on Penn State search committees

### **Professional Memberships**

Memory Disorders Research Society (elected 2024) – American Psychological Association – Society for Neuroscience – Cognitive Neuroscience Society

### **Ad-hoc reviewer**

*Aging, Neuropsychology, and Cognition – Attention, Perception, and Psychophysics – BMC Psychology – Brain and Behavior – Brain and Cognition – Brain Research – Cognition – Cognitive Science – Cortex – eLife – Entropy – Frontiers in Behavioral Neuroscience – Frontiers in Neuroscience – Human Brain Mapping – Journal of Applied Research on Memory and Cognition – Journal of Cognitive Neuroscience – Journal of Experimental Psychology: Learning, Memory, and Cognition – Journal of Gerontology: Psychological Sciences – Journal of Neuroscience – Memory – Memory and Cognition – Nature Communications – Neurobiology of Aging – Neurobiology of Learning and Memory – NeuroImage – Psychological Bulletin and Review – Psychology and Aging – Quarterly Journal of Experimental Psychology – Scientific Reports – Trends in Cognitive Science*

### **Reviewer for grants and awards**

2024- Society for Neuroscience Trainee Professional Development Award Selection Committee

2021- 2024 National Science Foundation