

# Anna Corriveau, M.A.

Email: [corriveaua@uchicago.edu](mailto:corriveaua@uchicago.edu)

## EDUCATION

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### University of Chicago

2020-present

Master of Arts: Psychology, Advisor: Monica D. Rosenberg

2022

Doctoral student: Psychology, Advisor: Monica D. Rosenberg

### University of Wisconsin-Madison

2014-2018

Bachelor of Arts: Psychology and Neurobiology

## HONORS AND AWARDS

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Norman H. Anderson Travel Award (The University of Chicago Psychology)

Spring 2024

Ruth Sosis Memorial Fellowship (The University of Chicago Psychology)

2023

Travel and Networking Award (Females of Vision et al.)

2023

Honorable Mention (NSF Graduate Research Fellowships Program)

2022

Research & Personal Development Award (The University of Chicago Graduate Council)

2021

NIH Post-Baccalaureate Intramural Research Training Award

2018-2020

Outstanding Undergraduate Research Award (UW-Madison Psychology)

2018

## RESEARCH EXPERIENCE

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### PhD Candidate

2020-present

Cognition, Attention, and Brain Lab, Chicago, IL

University of Chicago Department of Psychology

Supervisor: Monica Rosenberg, PhD

### Post-Baccalaureate Research Fellow

2018-2020

Laboratory of Brain and Cognition (NIMH), Bethesda, MD

NIH Intramural Research Training Award Fellowship Program

Supervisor: Chris Baker, PhD

### Research Assistant

2017-2018

Learning and Transfer Lab, Madison, WI

University of Wisconsin- Madison Department of Psychology

Supervisor: C. Shawn Green, PhD

### Research Assistant

2016

Kalin Lab, Madison, WI

University of Wisconsin-Madison Department of Psychiatry

## PUBLICATIONS

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Ke, J., Chamberlain, T. A., **Corriveau, A.**, Song, H., Zhang, Z., Martinez, T., Sams, L., Leong, Y. C., Rosenberg, M. D. Spontaneous thoughts predict functional brain organization and behavior. *In prep.*

**Corriveau, A.**, Ke, J., Terashima, H., Kondo, H., Rosenberg, M. D., (2024). Functional brain networks of sustained attention are not perceptual-modality-specific. *Network Neuroscience*.

**Corriveau, A.**, Chao, A., deBettencourt, M. T., Rosenberg, M. D. (2024). Recognition memory fluctuates with sustained attention regardless of task-relevance. *Psychonomic Bulletin & Review*.

**Corriveau, A.**, James, A. R., Jr., deBettencourt, M. T., Rosenberg, M. D. (2024). Sustained attentional state is a floodlight not a spotlight. *PsyArXiv*.

Chamberlain, T. A., **Corriveau, A.**, Song, H., Kwon, Y. H., Yoo, K., Chun, M., Rosenberg, M. D. (2023). High performers demonstrate greater neural synchrony than low performers across behavioral domains. *Imaging Neuroscience*.

Hebart, M. N., Contier, O., Teichmann, L., Rockter, A. H., Zheng, C. Y., Kidder, A., **Corriveau, A.**, Vaziri-Pashkam, M., Baker, C. I. (2023). THINGS-data, a multimodal collection of large-scale datasets for investigating object representations in human brain and behavior. *eLife*.

**Corriveau, A.**, Yoo, K., Kwon, Y. H., Chun, M., Rosenberg, M. D. (2022). Functional connectome stability and optimality are markers of cognitive performance. *Cerebral Cortex*.

**Corriveau, A.**, Kidder, A., Teichmann, L., Wardle, S. G., & Baker, C. I. (2022). Sustained neural representations of personally familiar people and places during cued recall. *Cortex*.

Vodyanyk, M., Cochrane, A., **Corriveau, A.**, Demko, Z., & Green, C. S. (2021). No Evidence for Expectation Effects in Cognitive Training Tasks. *Journal of Cognitive Enhancement*.

Hebart, M. N., Dickter, A. H., Kidder, A., Kwok, W. Y., **Corriveau, A.**, Van Wicklin, C., & Baker, C. I. (2019). THINGS: A database of 1,854 object concepts and more than 26,000 naturalistic object images. *PLOS ONE*.

## PRESENTATIONS

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### Posters:

**Corriveau, A.**, Ke, J., Rosenberg, M. D., *Shared neural activation and co-fluctuations underlie auditory and visual sustained attention*. Poster accepted at the Annual Meeting of the Organization for Human Brain Mapping June 2024, Seoul, South Korea.

**Corriveau, A.**, Yoo, K., Kwon, Y. H., Chun, M., & Rosenberg, M. D. *Similarity to a task-optimal connectome predicts cognitive performance*. Poster presented at the Annual Meeting of the Organization for Human Brain Mapping June 2023, Montreal, Canada.

**Anna Corriveau, M.A.**

**Corriveau, A.,** James, A., & Rosenberg, M. D. *Characterizing the consistency and malleability of sustained attention performance.* Poster presented at the Annual Meeting of the Vision Sciences Society May 2023, St. Pete Beach, FL.

**Corriveau, A.,** Yoo, K., Kwon, Y. H., Chun, M., & Rosenberg, M. D. *Functional connectome stability as a marker of cognitive performance.* Poster presented at the Annual Meeting of the Society for Neuroscience November 2021, Chicago, IL.

**Corriveau, A.,** Yoo, K., Kwon, Y. H., Chun, M., & Rosenberg, M. D. *Functional connectome stability as a marker of cognitive performance.* Poster presented at the Annual Meeting of the Organization for Human Brain Mapping June 2021, virtual conference.

**Corriveau, A.,** Kidder, A., Wardle, S., Silson, E., & Baker, C. *Time course of decoding familiar people and places during visual recall from memory.* Poster presented at the Annual Meeting of the Vision Sciences Society 2020, virtual conference.

**Corriveau, A. L.,** Kidder, A., Wardle, S. G., Silson, E. H., & Baker, C. I. *Temporal dynamics of memory recall for familiar people and places.* Poster presented at MEG North America Workshop November 2019, Bethesda, MD.

**Corriveau, A. L.,** Kidder, A., Wardle, S. G., Silson, E. H., & Baker, C. I. *Temporal dynamics of memory recall for familiar people and places.* Poster presented at the Annual Meeting of the Society for Neuroscience October 2019, Chicago, IL.

**Corriveau, A. L.,** Kidder, A., Wardle, S. G., Silson, E. H., & Baker, C. I. *Temporal dynamics of memory recall for familiar people and places.* Poster presented at the Annual NIMH IRP Fellows' Scientific Training Day September 2019, Washington, DC.

**Corriveau, A.,** Kidder, A., Wardle, S., & Baker, C. I. *Temporal Dynamics of Memory Recall for Familiar People and Places.* Poster presented at NIH Post-Baccalaureate Poster Day May 2019, Bethesda, MD.

Dickter, A. H., Hebart, M. N., Kidder, A. M., Kwok, **Corriveau, A. L.,** W. Y., Zheng, C. Y., & Baker, C. I. *Towards a large-scale characterization of object representations in behavior and the human brain.* Poster presented at the Annual Meeting of the Society for Neuroscience November 2018, San Diego, CA.

**Oral Presentations:**

**Corriveau, A.,** Ke, J., & Rosenberg, M.D., *Common neural activation and co-fluctuations underlie auditory and visual sustained attention.* Talk presented at the Society for Neuroscience annual meeting October 2024, Chicago, IL.

**Corriveau, A.,** Yoo, K., Kwon, Y. H., Chun, M., & Rosenberg, M. D. *Functional connectome stability and optimality predict cognitive performance.* Talk presented at the European Society for Affective and Cognitive Neuroscience bi-annual meeting May 2024, Ghent, Belgium.

## **Anna Corriveau, M.A.**

**Corriveau, A.**, Chao, A., deBettencourt, M. T., & Rosenberg, M. D. *Recognition memory fluctuates with the floodlight of attentional state*. Talk presented at the Annual Meeting of the Vision Sciences Society May 2024, St. Pete Beach, FL.

**Corriveau, A.**, Chao, A., James, A., Jr., deBettencourt, M. T., & Rosenberg, M. D. *Consequences of sustained attention's floodlight for recognition memory*. Talk presented at University of Chicago Cognition Workshop October 2023, Chicago, IL.

**Corriveau, A.**, Yoo, K., Kwon, Y. H., Chun, M., & Rosenberg, M. D. *Connectome stability and typicality as markers of cognitive performance*. Talk presented at University of Chicago Cognition Workshop November 2021, Chicago, IL.

**Corriveau, A. L.**, Kidder, A., Wardle, S. G., Silson, E. H., & Baker, C. I. *Decoding familiar people and places during memory recall*. Talk presented at Capital Area Cognition, Attention, and Perception Conference January 2020, Washington, DC.

### **SERVICE**

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**Psychology Peer Mentor**, University of Chicago (2023-present)

**Psychology Graduate Student Organization**, University of Chicago

- Treasurer (2022-24 AY)
- Secretary (2021-22 AY)
- Social committee member (2020-present)
- Health and Wellness committee member (2021-present)
- Academic and Career Development committee member (2023-present)

**Undergraduate Psychology Journal Reviewer**, University of Chicago (2021-present)

**ReproducibiliTea Journal Club Organizer**, University of Chicago (2022-present)

### **Journals reviewed for**

*Attention, Perception, & Psychophysics; Cerebral Cortex; Human Brain Mapping; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Learning, Memory, and Cognition; Journal of Neuroscience Methods; Network Neuroscience; NeuroImage*