

BENJAMIN J. CHALOUPKA, Ph.D.

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EDUCATION

06/16/2025	Ph.D. in Psychology – Cognitive Neuroscience University of Oregon
12/12/2020	M.S. in Psychology – Cognitive Neuroscience University of Oregon
05/13/2018	B.A. in Psychology with a Minor in Philosophy University of Illinois at Chicago
05/18/2016	A.A. in Psychology Elgin Community College

RESEARCH EXPERIENCE

06/2025 – present	Postdoctoral Scholar – Adaptive Memory Lab University of Oregon; PI: Deepu Murty, Ph.D.
07/2020 – 07/2022	Content Engineer Oregon Research Institute
09/2019 – 06/2025	Research GE – Brain and Memory Lab University of Oregon; PI: Dasa Zeithamova, Ph.D.
09/2017 – 05/2019	Research Assistant – UIC Memory Lab University of Illinois at Chicago; PI: Karl Szpunar, Ph.D.

OTHER POSITIONS

02/2025 – present	Board Member – Willamette Area Climbers Coalition, 501(c)3
01/2025 – 06/2025	Writing Circle Leader – Center on Diversity and Community
09/2021 – 12/2024	Leader of the Cognitive Neuroscience Journal Club – University of Oregon

RESEARCH INTERESTS

Learning and memory, spatial cognition and navigation, psychedelics, consciousness, fMRI, eye tracking

RESEARCH SKILLS

Coding languages: R, Python, Bash, JavaScript, MATLAB

Data sharing and management: GitLab, GitHub

Software: PsychoPy & Pavlovia, fMRIPrep, Freesurfer, FSL, Gazepoint, Jamovi

PUBLICATIONS

Chaloupka, B., Fain, M.R., Cowan, E. T., Tambini, A., Murty, V. P. (2026). *Rest-related memory benefits cannot be explained by post-encoding rehearsal* [Manuscript submitted for publication]. Department of Psychology, University of Oregon.

Chaloupka, B. (2025). *Behavioral and neural mechanisms underlying the differential effects of location and object overlap on learning and memory* (Publication No. 32041363) [Doctoral dissertation, University of Oregon]. ProQuest Dissertations and Theses.

Murray, A. & **Chaloupka, B.** (2025). Transitive inference as an intrinsic process. *Oregon Undergraduate Research Journal*, 23(1), 1-7.

Chaloupka, B. & Zeithamova, D. (2024). Differential effects of location and object overlap on new learning. *Frontiers in Cognition*, 2. <https://doi.org/10.3389/fcogn.2023.1325246>

Ashby, S. R., **Chaloupka, B.**, & Zeithamova, D. (2023). Category bias in similarity ratings: the influence of perceptual and strategic biases in similarity judgments of faces. *Frontiers in Cognition*, 2. <https://doi.org/10.3389/fcogn.2023.1270519>

PRESENTATIONS

Chaloupka, B., Fain, M.R., Cowan, E. T., Tambini, A., Murty, V. P. (2026). Rest-related memory benefits cannot be explained by post-encoding rehearsal. *Poster presented at the 2026 Cognitive Neuroscience Society Conference, Vancouver BC, CA*

Kim, S., **Chaloupka, B.**, Gonzales, H., Bennett, I. J., Zeithamova, D., & Dimsdale-Zucker, H. R. (2025). Can memory precision explain how spatial and object overlap affect new learning across ages? *Poster presented at the 2025 Society for Neuroscience Conference, San Diego CA*

Chaloupka, B., Houser, T., & Zeithamova, D. (2025). Representational gradient of the hippocampal long axis extends beyond memory to visual processing. *Poster presented at the 2025 Cognitive Neuroscience Society Conference, Boston MA*

Kim, S., **Chaloupka, B.**, Gonzales, H., Bennett, I. J., Zeithamova, D., & Dimsdale-Zucker, H. R. (2025). Differential effects of object and spatial information overlap on new learning in younger and older adults. *Poster presented at the 2025 Dallas Aging and Cognition Conference, Dallas TX*

Chaloupka, B. & Zeithamova, D. (2023). Overlap between events has different consequences for learning and memory when events overlap in location versus content information. *Nanosymposium talk given at the 2023 Society for Neuroscience Conference, Washington D.C.*

Chaloupka, B. & Zeithamova, D. (2023). Overlap between events has different consequences for learning and memory when events overlap in location versus content information. *Poster presented at the 2023 Learning and Memory Conference, Huntington Beach CA*

Chaloupka, B. & Zeithamova, D. (2022). Overlap between events has different consequences for learning and memory when events overlap in location versus content information. *Poster presented at the 2022 Society for Neuroscience Conference, San Diego CA*

Chaloupka, B. & Zeithamova, D. (2022). Differential effects of content and location overlap on learning and memory. *Poster presented at the 2022 Cognitive Neuroscience Society Conference, San Francisco CA*

Chaloupka, B. & Zeithamova, D. (2021). Differential effects of content and location overlap on learning and memory. *Poster presented at the 2021 Society for Neuroscience Conference, Virtual*

Chaloupka, B. & Zeithamova, D. (2021). Differential effects of content and location overlap on learning and memory. *Poster presented at the 2021 Cognitive Neuroscience Society Conference, Virtual*

Chaloupka, B. (2020). A role for similarity in learning and memory. *Master's project presented at the University of Oregon, Eugene OR*

TEACHING INTERESTS

Cognitive psychology, neuroscience, learning and memory, research methods, statistics, R programming

TEACHING EXPERIENCE: University of Oregon

Winter 2024	Lab Instructor – Statistical Methods in Psychology Lead Instructor: Sara Lieber
Winter & Spring 2022	Sole Instructor – Research Methods in Psychology
Winter & Spring 2021	Lab Instructor – Statistical Methods in Psychology Lead Instructors: Dasa Zeithamova, Ph.D. & Robert Chavez, Ph.D.
Spring & Fall 2020	Teaching Assistant – Mind and Brain Lead Instructor: Jagdeep Bala, Ph.D.
Winter 2020	Teaching Assistant – Scientific Thinking Lead Instructor: Jordan Pennefather, Ph.D.
11/21/19	Guest Lecturer – Mind and Brain
Fall 2019	Teaching Assistant – Mind and Brain Lead Instructor: Paul Dassonville, Ph.D.

MENTORSHIP & OUTREACH

	Mentor/Research Advisor for Undergraduate Research Assistants
10/2025 – present	Osi Bernstein, University of Oregon
09/2023 – 06/2024	Abigail Phillips, University of Oregon
10/2022 – 10/2024	Lainey Costa, University of Oregon
06/2022 – 06/2024	Leah Hall, University of Oregon
01/2022 – 11/2022	Charles Cain, University of Oregon
12/2020 – 03/2022	Madeleine Eustis, University of Oregon
	Committee Member for Clark Honors College Thesis
05/2024	Leah Hall, University of Oregon

08/2022 – 10/2024	Mentor/Research Advisor for High School Interns
06/2021 – 08/2021	Austin Murray, Willamette High School Durga Desai, Apprenticeships in Science & Engineering (ASE)
Fall 2020	Mentor for Incoming Graduate Students University of Oregon New Graduate Student Mentorship Program
06/2022 – 08/2022	Summer Program for Undergraduate Research (SPUR) Mentor, University of Oregon
07/2024	Summer Academy to Inspire Learning (SAIL) Memory and the Brain Workshop, Eugene, OR
08/2022	Memory and the Brain Workshop, Eugene, OR
07/2021	Memory and the Brain Workshop, Virtual
10/2024	Science Program to Inspire Creativity and Excellence (SPICE) Science Open House, Eugene, OR
10/2022	Science Open House, Eugene, OR
10/2019	Science Open House, Eugene, OR
12/12/2024	Volunteer for Memory and the Brain Workshop Edison Elementary School, Eugene, OR
02/12/2024	Edison Elementary School, Eugene, OR
01/29/2024	Roosevelt Middle School, Eugene, OR
12/06/2022	Edison Elementary School, Eugene, OR
AWARDS	
07/23/2024	Distinguished Teaching Award Excellence in undergraduate classroom teaching University of Oregon
10/10/2022	Kimble First-Year Teaching Award Outstanding teaching performance as a first-time sole instructor University of Oregon
2022, 2023, 2025	GEC Travel Award Funds for travel to conferences to present original research University of Oregon
Fall 2021	Division of Graduate Studies University Award Scholarship for the National Center for Faculty Development and Diversity's WriteNow program University of Oregon
05/13/2018	Summa Cum Laude and Departmental Distinction University of Illinois at Chicago
05/18/2016	Graduated with Honors Elgin Community College

ACADEMIC AFFILIATIONS

2021 – Present	Society for Neuroscience
2020 – Present	Cognitive Neuroscience Society
2018 – Present	Tau Sigma National Honor Society
2015 – Present	Phi Theta Kappa Honor Society

OTHER AFFILIATIONS

2024 – Present	Willamette Area Climbers Coalition
2020 – Present	Access Fund
2020 – Present	American Alpine Club
2015 – Present	Professional Disc Golf Association
2014 – Present	Human Rights Campaign