LINDSAY RAIT

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EDUCATION

University of Oregon, Eugene, OR — 2019 - Present
Graduate (Ph.D) Candidate in Psychology
Advisors: Drs. Sarah DuBrow and Brice Kuhl
GPA: 4.0

University of Oregon, Eugene, OR — 2019 - 2020
M.S in Psychology

Cornell University, Ithaca, NY — 2013 - 2017
B.A. *magna cum laude* in Psychology
Concentration in Behavioral Neuroscience
Minors in Biometry & Statistics • Jewish Studies
GPA: 3.79

GRANTS AND HONORS

Alice Thompson Research Award, *University of Oregon*	$2,000	July 2024
Hui Research Scholars Program Mentor, *University of Oregon*	$1,000	April 2024 - Present
Special Recognition Award, *University of Oregon*	$500	May 2022
Graduate School Virtual Opps Award, *University of Oregon*	$125	January 2021
Halpern and Rosevear Research Grant, *Cornell University*	$300	January - May 2017
Support for Undergraduate Research, *Cornell University*		June - August 2016
Dean's List, six semesters, *Cornell University*		2013 - 2017

PUBLICATIONS

Rait, L. I., & Hutchinson, J. B., (2024). Recall as a window into hippocampally-defined events. *Journal of Cognitive Neuroscience,* 1-14.

Rait, L. I., Murty, V. P., & DuBrow, S. (2023). Contextual familiarity rescues the cost of switching. *Psychonomic Bulletin & Review*, 1-11.

Kok, P., **Rait, L. I.,** & Turk-Browne, N. B. (2019). Content-based dissociation of hippocampal involvement in prediction. *Journal of Cognitive Neuroscience*, 1-19.

MANUSCRIPTS IN PREPARATION/REVIEW

Rait, L. I., Wanjia, G., Ye, Z., DuBrow, S., Kuhl, B.A., (In prep). Rate of context change at encoding influences hippocampal autocorrelation and temporal clustering of free recall.

ORAL PRESENTATIONS

Rait, L.I., Wanjia, G., Ye, Z., DuBrow, S., Kuhl, B.A., (April, 2024). Rate of context change at encoding influences hippocampal autocorrelation and temporal clustering of free recall. Data Blitz presented at Cognitive Neuroscience Society Meeting, Toronto, Ontario, Canada.

Rait, L.I., Murty, V.P., DuBrow, S., (July, 2022). Contextual familiarity rescues the cost of switching. Talk at Sarah DuBrow Memorial Symposium, Eugene, OR.

POSTER PRESENTATIONS

Rait, L.I., Wanjia, G., Ye, Z., DuBrow, S., Kuhl, B.A., (April, 2024). Rate of context change at encoding influences hippocampal autocorrelation and temporal clustering of free recall. Poster at Cognitive Neuroscience Society Meeting, Toronto, Ontario, Canada.

Rait, L.I., Horwath, E.A., DuBrow, S., & Murty, V.P., (April, 2023). Investigating the effects of goal-relevance on free recall organization. Poster at the International Conference on Learning and Memory, Huntington Beach, CA.

Rait, L.I., DuBrow, S., (Aug, 2021). Contextual novelty and familiarity influence the effects of switching on free recall performance. Poster at Context and Episodic Memory Symposium, Philadelphia, PA.

Rait, L.I., DuBrow, S., (Mar, 2021). Switch costs…. And benefits? Investigating the effects of task switch rate on memory. Poster at Cognitive Neuroscience Society Virtual Meeting.

Rait, L.I., DuBrow, S., (Nov, 2020). Investigating the effects of task switch rate on memory recall. Poster at Virtual Psychonomics.

Rait, L. I., Kok, P., Turk-Browne, N. B., (Nov, 2018). Distinct hippocampal representations of predicted features and objects. Poster at Society for Neuroscience, San Diego, CA.

Kok, P., **Rait, L. I.,** Turk-Browne, N. B., (May, 2018). Distinct neural sources of expectations about features and objects. Poster at Vision Sciences Society, St. Pete Beach, FL.

Hernandez, N.A., **Rait, L.I**., Dobbin, J.M., Linster C., Cleland T., & Smith D.M. (Nov, 2017). Communication between the hippocampus and olfactory system is needed for contextually cued retrieval of odor memories. Poster at Society for Neuroscience, Washington, D.C.

RESEARCH EXPERIENCE

Graduate Student, DuBrow & Kuhl Labs September 2019 - Present
PIs: Drs. Sarah DuBrow & Brice Kuhl, University of Oregon
Project: Contextual familiarity rescues the cost of switching

Lab Manager/Research Assistant, Turk-Browne Lab July 2017 - June 2019
PI: Dr. Nicholas Turk-Browne, Yale University
Project: Content-based dissociation of hippocampal involvement in prediction.

Research Assistant, Laboratory of Learning and Memory January 2015 - May 2017
PI: Dr. David Smith, Cornell University
Project: Functional Communication between the ventral hippocampus and anterior olfactory nucleus supports context-based odor memory in rats

SERVICE

President, Jewish Graduate Student Association (JGrad) May 2022 – Present
University of Oregon
Organize events for Jewish graduate students of all backgrounds and disciplines to build and strengthen community

Undergraduate Mentorship Chair, Women in Graduate Science July 2020 – June 2022
University of Oregon

Led Joint Undergraduate-Graduate Mentorship Program that paired undergraduate students with graduate students to increase retention in STEM fields by enhancing personal, educational, and career skills

Advisory Board, Psi Chi International Psychology Honor Society Sept 2014 - June 2017
Cornell University
Public Relations Chair & Vice President; Led events and workshops for local chapter

Mentor, Young Researchers Program January - June 2017
Cornell University
Provided mentorship and hands-on behavioral neuroscience lab experience to high school student from underrepresented background

TEACHING EXPERIENCE

Teaching Assistant, R Bootcamp Fall 2023
University of Oregon

Teaching Assistant, PSY 201: Mind & Brain Fall 2022
University of Oregon

Instructor, PSY303: Research Methods in Cog. Psychology Winter 2022, 2023
University of Oregon
Sole instructor for class of 18 students

Teaching Assistant, PSY305: Cognition Spring 2021
University of Oregon

Teaching Assistant, PSY348: Music & the Brain Fall 2020
University of Oregon

Teaching Assistant, PSY301: Scientific Thinking Spring 2020, 2022
University of Oregon

Teaching Assistant, PSY458: Decision Making Winter 2020
University of Oregon

MENTORING

Undergraduate Students (selected)
Alayna Neher (2019 – 2020) – Wayne Morse Scholar
Erika Moe (2021 – 2022) – Honors Thesis Student
Charlotte Olds (2023 – Present) – First Year Research Award Recipient, Hui Undergraduate Research Scholars Program

SKILLS

Coding Languages: R, Python, MATLAB (basic knowledge)
Experiment Programming: Inquisit, Psychopy, Amazon Mechanical Turk, Prolific
Proficient in Microsoft Office, Adobe Illustrator, Wordpress, & Canva
Behavioral Neuroscience: animal husbandry, cryosectioning & cannula localization

PROFESSIONAL MEMBERSHIPS

Cognitive Neuroscience Society 2020 – Present
Society for Neuroscience 2018 - 2023

Psychonomics Society	2020 - 2021
Vision Sciences Society	2018 - 2019
Psi Chi International Honor Society in Psychology	Lifetime member

AD-HOC REVIEWS

Cognition