LAUREN A. OEY

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EDUCATION

University of California, San Diego

San Diego, CA

2018-2023 (Expected)

Ph.D. in Cognitive Psychology Advisor: Edward Vul

University of Rochester

Rochester, NY

B.S. in Brain and Cognitive Sciences, Highest Distinction & Honors in Research

2014-2018

B.A. in Linguistics, High Distinction, & Statistics, Distinction

Minor in Computer Science

Magna cum laude (GPA: 3:85)

Advisors: Florian Jaeger, Steven Piantadosi

RESEARCH EXPERIENCES

Gradient Similarity Within Compositional Representations, University of Rochester

 $Undergraduate\ Honors\ Thesis$

2017-2018

Principle Investigator: Steven Piantadosi

Speaker-Independent Adaptation to Foreign Accented Speech, University of Rochester

Independent Research Project

2016-2017

Principle Investigator: Florian Jaeger

Human Language Processing Lab, University of Rochester

Undergraduate Research Assistant

2015-2018

Principle Investigator: Florian Jaeger

CSLI Summer Internship Program, Stanford University

Summer Research Intern

Summer 2017

Principle Investigator: Noah Goodman

Rochester Baby Lab, SEEDLingS Project, University of Rochester

 $Undergraduate\ Research\ Assistant$

Summer 2016

Principle Investigator: Elika Bergelson

PUBLICATIONS

Oey, L. A., Mollica, F., & Piantadosi, S. T. (2018). Adults use gradient similarity information in compositional rules. In T. T. Rogers, M. Rau, X. Zhu, & C. W. Kalish (Eds.), Proceedings of the 40th Annual Conference of the Cognitive Science Society (pp. 842-847). Austin, TX: Cognitive Science Society.

Lee, C., Oey, L., Simon, E., Xie, X., & Jaeger, T. F. (2018). Limits in cross-talker generalization of adaptation to foreign-accented speech. *Journal of Undergraduate Research*. Rochester, NY: University of Rochester.

Posters & Presentations

Oey, L. A., Mollica, F., & Piantadosi, S. T. (2018). Adults use gradient similarity information in

- compositional rules. Talk presented at the 40th Annual Conference of the Cognitive Science Society. Madison, Wisconsin, USA.
- Oey, L. A., Mollica, F., & Piantadosi, S. T. (2018). Concepts are like rules but gradient: Preserving gradience in a logical model of mental representation. Talk presented at the University of Rochester 2018 Undergraduate Research Exposition, Rochester, NY.
- Oey, L. A., Mollica, F., & Piantadosi, S. T. (2018). Like a horse but striped: Combining similarity and rules in conceptual representation. Talk presented at the 32nd Annual National Conference on Undergraduate Research, Oklahoma City, OK.
- Oey, L., Lee, C., Simon, E., Xie, X., & Jaeger, T. F. (2017). Talker generalization of accent adaptation: Questioning its robustness. Poster presented at the 23rd Annual Architectures and Mechanisms of Language Processing (AMLaP) Conference, Lancaster, UK.
- Lee, C., Oey, L., Simon, E., Xie, X., & Jaeger, T. F. (2017). An investigation into audio perception studies on Amazon Mechanical Turk. Poster presented at the 23rd Annual Architectures and Mechanisms of Language Processing (AMLaP) Conference, Lancaster, UK.
- Oey, L., Schulman, A., Tessler, M. H., & Goodman, N. D. (2017). Communicating Generalizations in Web-Based Dyadic Games. Talk presented at the conclusion of the 4th Annual Center for the Study of Language and Information (CSLI) Summer Internship Program, Stanford, CA.
- Lee, C., Oey, L., Simon, E., Xie, X., & Jaeger, T. F. (2017). How we comprehend foreign-accented speech: Learning to generalize across talkers. Poster presented at the University of Rochester 2017 Undergraduate Research Exposition, Rochester, NY.
- Oey, L., Lee, C., Simon, E., Xie, X., & Jaeger, T. F. (2017). Generalized adaptation to novel foreign accents. Poster accepted at the 31st Annual National Conference on Undergraduate Research (NCUR), Memphis, TN.

Workshops

Summer Workshop in Cognitive and Brain Sciences

Workshop Participant, University of Delaware	June 2017
TEACHING EXPERIENCES	
Guest Lecturer, Data Science for Linguistics, tidyverse Tutorial Department of Linguistics, University of Rochester	Spring 2018
Teaching Assistant , Data Science for Linguistics Department of Linguistics, University of Rochester	Spring 2017
Teaching Assistant , Elements of Probability and Mathematical Statistics Department of Statistics, University of Rochester	Fall 2017
Peer Leader, Introduction to Language Sound Systems Department of Linguistics, University of Rochester	Fall 2017
Lab Teaching Assistant, Data Structures and Algorithms Department of Computer Science, University of Rochester	Spring 2017
Teaching Assistant , Applied Statistics for the Biological and Physical Sciences I Department of Statistics, University of Rochester	Fall 2016
Teaching Assistant , Applied Statistics for the Biological and Physical Sciences I Department of Statistics, University of Rochester	Spring 2016

Newark, DE

Honors & Awards

NSF Graduate Research Fellowship	$2018 ext{-}Present$
Norman Henry Anderson Graduate Fellowship, UCSD	$2018 ext{-}Present$
Real World Communication Student Travel Award	2018
Competitive EDGE Fellowship, UCSD	2018
Phi Beta Kappa	2018
President's Award, University of Rochester 1st Place Talk, Undergraduate Research Exposition Symposium (Social Sciences)	2018
Conference Travel Funding Award (x2), University of Rochester	2017, 2018
Dean's List (x8), University of Rochester	2014-2018
Meliora Alumni Scholarship, University of Rochester	$August\ 2014\text{-}Present$

LEADERSHIP ACTIVITIES

Kindlings Reading Group, Co-Founder/Organizer	2017-2018
BCS & Neuroscience Undergraduate Council, BCS Mentor	2017-2018

SKILLS

Programming Languages: Java, R, Python, JavaScript, MATLAB, Processing

Software: Git, Praat, SAS, JMP

Other: EyeLink, Markdown, HTML, CSS, LaTeX, Unix Shell, Mechanical Turk, psiTurk