LAUREN A. OEY

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EDUCATION

University of California, San Diego　　　　　　　　　　　　　**San Diego, CA**
Ph.D. in **Cognitive Psychology**　　　　　　　　　　　　*2018-2023 (Expected)*
　　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	**Newark, DE**
Workshop Participant, University of Delaware	*June 2017*

Teaching Experiences

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

Honors & Awards

NSF Graduate Research Fellowship	*2018-Present*
Norman Henry Anderson Graduate Fellowship, UCSD	*2018-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	*2014-2018*

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