

# LAUREN A. OEY

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## EDUCATION

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**University of California, San Diego**  
**Ph.D. in Cognitive Psychology**  
Advisor: Edward Vul

**San Diego, CA**  
*2018-2023 (Expected)*

**University of Rochester**  
**B.S. in Brain and Cognitive Sciences**, Highest Distinction & Honors in Research  
**B.A. in Linguistics**, High Distinction, & **Statistics**, Distinction  
**Minor in Computer Science**  
*Magna cum laude* (GPA: 3.85)  
Advisors: Florian Jaeger, Steven Piantadosi

**Rochester, NY**  
*2014-2018*

## RESEARCH EXPERIENCES

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**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: Erika Bergelson

## PUBLICATIONS

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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). How we comprehend foreign-accented speech: Learning to generalize across talkers. *Journal of Undergraduate Research*. Rochester, NY: University of Rochester.

## POSTERS & PRESENTATIONS

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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

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### Summer Workshop in Cognitive and Brain Sciences

*Workshop Participant, University of Delaware*

**Newark, DE**

*June 2017*

## TEACHING EXPERIENCES

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### 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 2018*

### 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*

## HONORS & AWARDS

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

## LEADERSHIP ACTIVITIES

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

## SKILLS

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

**Software:** Git, Praat, SAS, JMP

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