

# 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*

## 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.

## HONORS THESIS

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Oey, L. A. (2018). Gradient similarity within compositional representations. Undergraduate Honors Thesis, Department of Brain and Cognitive Sciences, University of Rochester. (Advisor: Steven Piantadosi)

## WORKSHOPS

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Summer Workshop in Cognitive and Brain Sciences Newark, DE  
*Workshop Participant, University of Delaware* June 2017

## 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<br><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>    |

## TEACHING EXPERIENCES

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|   |                    |
|---|--------------------|
| Teaching Assistant, <i>PSYC 105 Cognitive Psychology</i><br>Department of Psychology, University of California, San Diego                   | <i>Winter 2019</i> |
| Guest Lecturer, <i>LIN 250 Data Science for Linguistics, tidyverse Tutorial</i><br>Department of Linguistics, University of Rochester       | <i>Spring 2018</i> |
| Teaching Assistant, <i>LIN 250 Data Science for Linguistics</i><br>Department of Linguistics, University of Rochester                       | <i>Spring 2018</i> |
| Teaching Assistant, <i>STT 213 Elements of Probability and Mathematical Statistics</i><br>Department of Statistics, University of Rochester | <i>Fall 2017</i>   |
| Peer Leader, <i>LIN 210 Introduction to Language Sound Systems</i><br>Department of Linguistics, University of Rochester                    | <i>Fall 2017</i>   |
| Lab Teaching Assistant, <i>CSC 172 Data Structures and Algorithms</i>   | <i>Spring 2017</i> |

Department of Computer Science, University of Rochester

**Teaching Assistant**, *STT 212 Applied Statistics for the Biological and Physical Sciences I*      *Fall 2016*  
Department of Statistics, University of Rochester

**Teaching Assistant**, *STT 212 Applied Statistics for the Biological and Physical Sciences I*      *Spring 2016*  
Department of Statistics, University of Rochester

## PREVIOUS RESEARCH EXPERIENCES

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**Computation and Language Lab**, University of Rochester  
*Undergraduate Honors Thesis*      *2017-2018*  
Principle Investigator: Steven Piantadosi

**Human Language Processing Lab**, University of Rochester  
*Independent Research Project, 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

## LEADERSHIP ACTIVITIES

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**Kindlings Reading Group**, *Co-Founder/Organizer*      *2017-2018*

**BCS & Neuroscience Undergraduate Council**, *BCS Mentor*      *2017-2018*

## 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