# 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

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

# TEACHING EXPERIENCES

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| **Guest Lecturer**, *Data Science for Linguistics, tidyverse Tutorial* | *Spring 2018* |
| Department of Linguistics, University of Rochester | |
| **Teaching Assistant**, *Data Science for Linguistics* | *Spring 2017* |
| 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

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| **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<br>*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-Present* |

# Leadership Activities

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| **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