

# 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

## FELLOWSHIPS & AWARDS

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William James Prize Honorable Mention, Society for Philosophy and Psychology	2019
NSF Graduate Research Fellowship	2018-Present
Norman Henry Anderson Graduate Fellowship, UCSD	2018-2019
Real World Communication Student Travel Award	2018
Competitive EDGE Fellowship, UCSD	2018
Phi Beta Kappa	2018
President's Award, University of Rochester <i>1st Place Talk, Undergraduate Research Exposition Symposium (Social Sciences)</i>	2018
Conference Travel Funding Award (x2), University of Rochester	2017, 2018
Meliora Alumni Scholarship, University of Rochester	2014-2018

## PUBLICATIONS

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Oey, L. A., Schachner, A., & Vul, E. (2019). Designing good deception: Recursive theory of mind in lying and lie detection. In A. K. Goel, C. M. Seifert, & C. Freksa (Eds.), *Proceedings of the 41st Annual Meeting of the Cognitive Science Society* (pp. 897-903). Montreal, QB: Cognitive Science Society.

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 Meeting 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.**, Schachner, A., & Vul, E. (2019, July). Designing good deception: Recursive theory of mind in lying and lie detection. Talk to be presented at the 41st Annual Meeting of the Cognitive Science Society, Montreal, Quebec, Canada.
- Oey, L. A.**, Schachner, A., & Vul, E. (2019, July). Recursive theory-of-mind in the design of deception: A rational model of lying and lie detection. Talk presented at the 45th Annual Meeting of the Society for Philosophy and Psychology, San Diego, CA.
- Oey, L. A.**, Mollica, F., & Piantadosi, S. T. (2018, July). Adults use gradient similarity information in compositional rules. Talk presented at the 40th Annual Meeting of the Cognitive Science Society, Madison, WI.
- Oey, L. A.**, Mollica, F., & Piantadosi, S. T. (2018, April). 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, April). 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, September). 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, September). 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, August). 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, April). 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, April). 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**  
*Workshop Participant, University of Delaware*

**Newark, DE**  
*June 2017*

## TEACHING EXPERIENCES

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**Guest Lecturer, PSYC 187 Social Cognitive Development**  
 Department of Psychology, University of California, San Diego

*Winter 2019*

<b>Teaching Assistant</b> , <i>PSYC 105 Cognitive Psychology</i> Department of Psychology, University of California, San Diego	<i>Winter 2019</i>
<b>Guest Lecturer</b> , <i>LIN 250 Data Science for Linguistics</i> Department of Linguistics, University of Rochester	<i>Spring 2018</i>
<b>Teaching Assistant</b> , <i>LIN 250 Data Science for Linguistics</i> Department of Linguistics, University of Rochester	<i>Spring 2018</i>
<b>Teaching Assistant</b> , <i>STT 213 Elements of Probability and Mathematical Statistics</i> Department of Statistics, University of Rochester	<i>Fall 2017</i>
<b>Peer Leader</b> , <i>LIN 210 Introduction to Language Sound Systems</i> Department of Linguistics, University of Rochester	<i>Fall 2017</i>
<b>Lab Teaching Assistant</b> , <i>CSC 172 Data Structures and Algorithms</i> Department of Computer Science, University of Rochester	<i>Spring 2017</i>
<b>Teaching Assistant</b> , <i>STT 212 Applied Statistics for the Biological and Physical Sciences I</i> Department of Statistics, University of Rochester	<i>Fall 2016</i>
<b>Teaching Assistant</b> , <i>STT 212 Applied Statistics for the Biological and Physical Sciences I</i> Department of Statistics, University of Rochester	<i>Spring 2016</i>

## PREVIOUS RESEARCH EXPERIENCES

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<b>Computation and Language Lab</b> , University of Rochester <i>Undergraduate Honors Thesis</i> Principle Investigator: Steven Piantadosi	<i>2017-2018</i>
<b>Human Language Processing Lab</b> , University of Rochester <i>Independent Research Project, Undergraduate Research Assistant</i> Principle Investigator: Florian Jaeger	<i>2015-2018</i>
<b>CSLI Summer Internship Program</b> , Stanford University <i>Summer Research Intern</i> Principle Investigator: Noah Goodman	<i>Summer 2017</i>
<b>Rochester Baby Lab, SEEDLingS Project</b> , University of Rochester <i>Undergraduate Research Assistant</i> Principle Investigator: Erika Bergelson	<i>Summer 2016</i>

## LEADERSHIP ACTIVITIES

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