

# LAUREN A. OEY

Updated March 24, 2020

loey@ucsd.edu  
(862) 223-9228  
Github: la-oey  
<http://la-oey.github.io/>

## EDUCATION

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University of California, San Diego  
Ph.D. in Experimental Psychology  
M.A. in Experimental Psychology  
Advisor: Edward Vul

San Diego, CA  
(Expected) 2023  
2020

DGfS Summer School  
Experimental Pragmatics: Theory, Methods, Interfaces

Berlin, Germany  
Summer 2019

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  
2018

## FELLOWSHIPS & AWARDS

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Computational Modeling Prize in Applied Cognition, Cognitive Science Society 2020  
Norman Anderson Travel and Research Fund Award, UCSD 2019  
William James Prize (best paper) Honorable Mention, Society for Philosophy and Psychology 2019  
NSF Graduate Research Fellowship 2018-2023  
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, UofR, Undergrad Research Exposition (Social Sciences) 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. (under review). Designing and detecting lies by reasoning about other agents.

DeStefano, I.\*, Oey, L. A.\*, Brockbank, E., & Vul, E. (2021). Integration by parts: Collaboration and topic structure in the CogSci community. *Topics in Cognitive Science*. doi: 10.1111/tops.12526

Oey, L.\*, DeStefano, I.\*, Brockbank, E., & Vul, E. (2020). Formalizing interdisciplinary collaboration in the CogSci community. In S. Denison, M. L. Mack, Y. Xu, & B. C. Armstrong (Eds.), *Proceedings of the 42nd Annual Meeting of the Cognitive Science Society* (pp. 474-480).

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.\***, DeStefano, I.\*, Brockbank, E., & Vul, E. (2020, July). Formalizing interdisciplinary collaboration in the CogSci community. Talk presented at the 42nd Annual Meeting of the Cognitive Science Society, Toronto, Ontario, Canada.
- Oey, L. A.**, Schachner, A., & Vul, E. (2019, July). Designing good deception: Recursive theory of mind in lying and lie detection. Talk 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)

## TEACHING EXPERIENCES

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<b>Teaching Assistant</b> , <i>PSYC 201A Quantitative Methods in Psychology (Graduate Course)</i> Department of Psychology, University of California, San Diego	<i>Fall 2020</i>
<b>Guest Lecturer</b> , <i>PSYC 187 Social Cognitive Development</i> Department of Psychology, University of California, San Diego	<i>Winter 2020</i>
<b>Teaching Assistant</b> , <i>PSYC 105 Cognitive Psychology</i> Department of Psychology, University of California, San Diego	<i>Fall 2019</i>
<b>Guest Lecturer</b> , <i>PSYC 187 Social Cognitive Development</i> Department of Psychology, University of California, San Diego	<i>Winter 2019</i>
<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 (Co-listed as Graduate Course)</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>

## WORKSHOPS

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<b>Summer Workshop in Cognitive and Brain Sciences</b> <i>Workshop Participant, University of Delaware</i>	<b>Newark, DE</b> <i>June 2017</i>
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## PREVIOUS RESEARCH EXPERIENCES

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<b>Computation and Language Lab</b> , University of Rochester <i>Undergraduate Honors Thesis</i> Advisors: Steven Piantadosi (Frank Mollica)	<i>2017-2018</i>
<b>Human Language Processing Lab</b> , University of Rochester <i>Independent Research Project, Undergraduate Research Assistant</i> Advisors: Florian Jaeger (Xin Xie, Linda Liu)	<i>2015-2018</i>
<b>CSLI Summer Internship Program</b> , Stanford University <i>Summer Research Intern</i> Advisors: Noah Goodman (Michael Henry Tessler)	<i>Summer 2017</i>
<b>Rochester Baby Lab, SEEDLingS Project</b> , University of Rochester <i>Undergraduate Research Assistant</i> Advisor: Erika Bergelson	<i>Summer 2016</i>

## SERVICE

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<b>Graduate Funding Reform Committee</b> , <i>Grad Student Representative, UCSD Psychology</i>	2020
<b>Extramural Funds Officer</b> , <i>Graduate Officer, UCSD Psychology</i>	2019-2021
<b>Colloquium Representative</b> , <i>Graduate Officer, UCSD Psychology</i>	2019-2020
<b>STARS Program</b> , <i>Mentor, UCSD</i>	Summer 2019
<b>Graduate Talk Series Representative</b> , <i>Graduate Officer, UCSD Psychology</i>	2019
<b>Kindlings Reading Group</b> , <i>Co-Founder/Organizer, UofR</i>	2017-2018
<b>BCS &amp; Neuroscience Undergraduate Council</b> , <i>Undergraduate Mentor, UofR</i>	2017-2018

## SKILLS

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

**Software:** Git, Praat

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