

LAUREN A. OEY

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

EDUCATION

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

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

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

- 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

- 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

Summer Workshop in Cognitive and Brain Sciences
Workshop Participant, University of Delaware

Newark, DE
June 2017

TEACHING EXPERIENCES

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

Winter 2019

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

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

LEADERSHIP ACTIVITIES

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

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

Software: Git, Praat, SAS, JMP

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