LAUREN OEY

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loey18
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EDUCATION

University of California, San Diego
Ph.D. in **Cognitive Psychology**   *Expected 2018-Present*
   Advisor: Ed Vul

University of Rochester
(1) **B.S.** in **Brain and Cognitive Sciences**, Highest Distinction & Honors in Research   *2014-2018*
(2) **B.A.** in **Linguistics**, High Distinction
(3) **B.A.** in **Statistics**
(4) **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*
      Principal Investigator: Steven Piantadosi

Accent-Independent Adaptation to Foreign Accented Speech, University of Rochester
Independent Research Project   *2016-2017*
      Principal Investigator: Florian Jaeger

Human Language Processing Lab, University of Rochester
Undergraduate Research Assistant   *2015-2018*
      Principal Investigator: Florian Jaeger

CSLI Summer Internship Program, Stanford University
Summer Research Intern   *Summer 2017*
      Principal Investigator: Noah Goodman

SEEDLingS Project, Rochester Baby Lab, University of Rochester
Undergraduate Research Assistant   *Summer 2016*
      Principal Investigator: Elika Bergelson

PUBLICATIONS

Oey, L. A., Mollica, F., & Piantadosi, S. T. (in press). Adults use gradient similarity information in compositional rules. *Proceedings of the 40th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Lee, C., **Oey, L**., Simon, E., Xie, X., & Jaeger, T. F. (in press). How we comprehend foreign-accented speech: Learning to generalize across talkers. *University of Rochester's Journal of Undergraduate Research*.

POSTERS & PRESENTATIONS

Oey, L. A., Mollica, F., & Piantadosi, S. T. (2018). Adults use gradient similarity information in compositional rules. Talk to be presented at the 40th Annual Conference of the Cognitive Science Society, Madison, WI.

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 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 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 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, Memphis, TN.

WORKSHOPS

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

TEACHING EXPERIENCES

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

Teaching Assistant, *Data Science for Linguistics* Spring 2018
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 2017
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

NSF Graduate Research Fellowship *2018-Present*

Norman Henry Anderson Graduate Fellowship, UCSD *2018-Present*

Competitive EDGE Fellowship, UCSD *2018*

Phi Beta Kappa *2018*

President's Award, University of Rochester *2018*
1st Place Talk, Undergraduate Research Exposition Symposium (Social Sciences)

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 *2014-2018*

LEADERSHIP & COMMUNITY ACTIVITES

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

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

UR Brain Awareness Fundraiser, *Volunteer* *2017*

Linguistics Undergraduate Council Research Panel, *Panelist* *2017*

Academic & Student Services Fair, *BCS Student Representative* *2017*

Club Softball, Women's Rugby, Pride Network, *Business Manager* *2015-2018*

HIGHLIGHTED COURSEWORK

Intermediate Statistical & Computational Methods, *CSC/DSC 265*   *Spring 2018*

Introduction to Pragmatics, *LIN 266*   *Spring 2018*

Computer Models of Human Perception & Cognition, *BCS/CSC 229*   *Fall 2017*

Computing, Introduction to Statistical Software, *STT 477 (Graduate Level)*   *Fall 2017*

Advanced Undergraduate Research in Cognitive Science, *BCS 207*   *Spring 2017*

Data Science for Linguistics, *LIN/CSC 250*   *Spring 2017*

Artificial Intelligence, *CSC 242/BCS 232*   *Spring 2017*

Language Development, *BCS 258/LIN 208*   *Spring 2017*

Introduction to Linear Models, *STT 226W*   *Spring 2017*

Applied Statistics II, *STT 216*   *Spring 2016*

Introduction to Mathematical Statistics, *STT/MTH 203*   *Spring 2016*

Language & Psycholinguistics, *BCS 152/LIN 217*   *Fall 2015*

SKILLS

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

Software: Git, Praat, Audacity, GIMP, Inkscape, CLAN, Datavyu, SAS, JMP

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