LAUREN OEY

Updated December 4, 2017

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EDUCATION

University of Rochester **Rochester, NY**
(1) ***B.S.*** *in* ***Brain and Cognitive Sciences*** *(intended honors in research)* *Anticipated May 2018*
(2) ***B.A.*** *in* ***Linguistics***
(3) ***B.A.*** *in* ***Statistics***
(4) ***Minor*** *in* ***Computer Science***

Cumulative GPA: 3.85, Dean's List (every eligible semester)
Major GPAs: Brain & Cognitive Sciences 3.90, Linguistics 4.00, Statistics 3.86

Mountain Lakes High School **Mountain Lakes, NJ**
High School Diploma with Honors *June 2014*

RESEARCH EXPERIENCES

Learning Concepts with Discrete and Continuous Features **Rochester, NY**
Independent Research Project, Undergraduate Honors Thesis *September 2017-Present*
Principal Investigator: Steven T. Piantadosi
Graduate Student Mentor: Francis Mollica

Accent-Independent Adaptation to Foreign Accented Speech **Rochester, NY**
Independent Research Project *September 2016-Present*
Principal Investigator: T. Florian Jaeger
Post-Doctorate Mentor: Xin Xie

Human Language Processing Lab **Rochester, NY**
Undergraduate Research Assistant *March 2015-Present*
Principal Investigator: T. Florian Jaeger
Graduate Student Mentors: Linda Liu, Zachary Burchill

Stanford University CSLI Summer Internship Program **Stanford, CA**
Summer Research Intern *June 2017-August 2017*
Principal Investigator: Noah D. Goodman
Graduate Student Mentor: M. H. Tessler

Rochester Baby Lab, SEEDLingS Project **Rochester, NY**
Undergraduate Research Assistant *May 2016-July 2016*
Principal Investigator: Elika Bergelson

PUBLICATIONS

Lee, C., **Oey, L.**, Simon, E., Xie, X., & Jaeger, T. F. (submitted). Limits in cross-talker generalization of adaptation to foreign-accented speech.

Oey, L., Xie, X., Lee, C., Simon, E., & Jaeger, T. F. (in prep). Ceiling effects within transcription tasks? The effect of parameter models on statistical power.

POSTERS & PRESENTATIONS

Schulman, A., Tessler, M. H., **Oey, L.**, & Goodman, N. D. (2017). Dyadic games: An approach to learning from language. Poster to be presented at the conclusion of the Stanford University 2017 Symbolic Systems Program (SSP) Summer Internship Program, Stanford, CA.

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

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

TEACHING EXPERIENCES

University of Rochester, Department of Linguistics **Rochester, NY**
Peer Leader: Introduction to Language Sound Systems *Fall 2017*
Instructor: Joyce McDonough, Peter Guekguezian

University of Rochester, Department of Computer Science **Rochester, NY**
Lab Teaching Assistant: Data Structures and Algorithms *Spring 2017*
Instructor: Thaddeus Pawlicki

University of Rochester, Department of Statistics **Rochester, NY**

Teaching Assistant: Elements of Probability and Mathematical Statistics *Fall 2017*
Instructor: Maria McDermott

Teaching Assistant: Applied Statistics for the Biological and Physical Sciences I *Fall 2016*
Instructor: Nicholas Zaino

Teaching Assistant: Applied Statistics for the Biological and Physical Sciences I *Spring 2016*
Instructor: Maria McDermott

HONORS & AWARDS

Conference Travel Funding Award (x2)
Office of Undergraduate Research, University of Rochester *April, September 2017*

Meliora Alumni Scholarship
Office of Alumni Relations, University of Rochester *August 2014-Present*

National AP Scholar Award
The College Board *July 2014*

Anthony Davidowski Math Award
Mountain Lakes High School *June 2014*

Sarah Browning Award for Creative Writing
Mountain Lakes Women's Club *June 2014*

National Merit Commended Scholar
National Merit Scholarship Corporation *September 2013*

LEADERSHIP & COMMUNITY ACTIVITES

UR Brain Awareness Fundraiser, *Volunteer* *October 2017*

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

Kindlings Reading Group, *Co-Founder/Organizer* *September 2017-Present*

BCS & Neuroscience Undergraduate Council, *BCS Mentor* *September 2017-Present*

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

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

HIGHLIGHTED COURSEWORK

Data Mining, *CSC/DSC 240* *Spring 2018*

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

Languages: English (native), Mandarin, Spanish, some Esperanto