

LAUREN A. OEY

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Github: la-oy

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EDUCATION

University of California, San Diego

Ph.D. in Experimental Psychology

M.A. in Experimental Psychology

GPA: 4.0

San Diego, CA

(Expected) June 2023

2020

University of Rochester

B.S. in Brain and Cognitive Sciences, Highest Distinction & Honors in Research

B.A. in Linguistics & Statistics (triple major); Minor in Computer Science

Magna cum laude (GPA: 3.85)

Rochester, NY

2018

FELLOWSHIPS & AWARDS

ACM SIGHPC Computational & Data Science Fellowship (\$45,000) 2021-2023

Diverse Intelligences Summer Institute Fellowship, Templeton World Charity Fund (\$1,250) 2021

Computational Modeling Prize in Applied Cognition, Cognitive Science Society (\$1,000) 2020

William James Prize Honorable Mention (2nd best paper), Society for Philosophy and Psychology 2019

Norman Anderson Travel and Research Fund Award (x2), UCSD Psychology 2019, 2021

NSF Graduate Research Fellowship (\$102,000) 2018-2023

Norman Henry Anderson Graduate Fellowship, UCSD Psychology (\$5,000) 2018-2019

Real World Communication Student Travel Award 2018

Competitive EDGE Fellowship, UCSD (\$4,000) 2018

Phi Beta Kappa 2018

President's Award (best talk), UofR, Undergrad Research Exposition (Social Sciences) 2018

Conference Travel Funding Award (x2), University of Rochester 2017, 2018

CSLI Summer Internship Program, Stanford University 2017

Meliora Alumni Scholarship, University of Rochester 2014-2018

PUBLICATIONS

Oey, L. A. & Vul, E. (in prep). When nonliteral message are an equilibrium solution to cooperative communication.

Oey, L. A., Schachner, A., & Vul, E. (in press). Designing and detecting lies by reasoning about other agents.
Journal of Experimental Psychology: General.

Oey, L. A. & Vul, E. (2022). Inferring truth from lies. In J. Culbertson, A. Perfors, H. Rabagliati, & V. Ramenzoni (Eds.), *Proceedings of the 44th Annual Meeting of the Cognitive Science Society*.

Oey, L. A. & Vul, E. (2021). Lies are crafted to the audience. In T. Fitch, C. Lamm, H. Leder, & K. Teßmar-Raible (Eds.), *Proceedings of the 43rd Annual Meeting of the Cognitive Science Society* (pp. 791-797).

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*, 13(2), 399-413.

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*, 16(1), 10-17.

POSTERS & PRESENTATIONS

- Oey, L. A. & Vul, E. (2022, July). Inferring truth from lies. Poster to be presented at the 44th Annual Meeting of the Cognitive Science Society, Toronto, Ontario, Canada.
- Oey, L. A. & Vul, E. (2021, July). Lies are crafted to the audience. Talk presented at the 43rd Annual Meeting of the Cognitive Science Society, Virtual.
- 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, Virtual.
- 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.

TEACHING EXPERIENCES

Teaching Assistant , PSYC 172 Psychology of Human Sexuality, UCSD	<i>Spring 2022</i>
Teaching Assistant , PSYC 4 General Psychology: Behavioral Foundations, UCSD	<i>Winter 2022</i>
Teaching Assistant , PSYC 201A Quantitative Methods in Psychology (Graduate Course), UCSD	<i>Fall 2020</i>
Guest Lecturer , PSYC 187 Social Cognitive Development, UCSD	<i>Winter 2019, 2020</i>
Teaching Assistant , PSYC 105 Cognitive Psychology, UCSD	<i>Winter, Fall 2019</i>
Teaching Assistant , LIN 250 Data Science for Linguistics (Co-listed Graduate Course), UofR	<i>Spring 2018</i>
Teaching Assistant , STT 213 Elements of Probability and Mathematical Statistics, UofR	<i>Fall 2017</i>
Peer Leader , LIN 210 Introduction to Language Sound Systems, UofR	<i>Fall 2017</i>
Lab Teaching Assistant , CSC 172 Data Structures and Algorithms, UofR	<i>Spring 2017</i>
Teaching Assistant , STT 212 Applied Stats for Biological & Physical Sciences I, UofR	<i>Spring, Fall 2016</i>

ADVISING

Computational Cognition Lab

Xiangyu Wei (UCSD, 2018-2020), Rongrong Liu (UCSD, 2019-2020)

Mind and Development Lab

Azriel Williams (University of Virgin Islands, 2019), Angela Nagtalon (UCSD, 2019-2020), Vivian Du (UCSD, 2019-2021), Jessica Orford (UCSD, 2020-2021), Jason Tran (UCSD, 2021-present), Diana Wang (UCSD, 2021-present)

WORKSHOPS

Summer Workshop in Cognitive and Brain Sciences <i>University of Delaware</i>	Newark, DE <i>June 2017</i>
DGfS Summer School - Experimental Pragmatics: Theory, Methods, Interfaces <i>Humboldt University of Berlin</i>	Berlin, Germany <i>August 2019</i>
Scaling Cognitive Science Workshop <i>Princeton University</i>	Princeton, NJ <i>December 2019</i>

PREVIOUS RESEARCH EXPERIENCES

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

SERVICE

Graduate Funding Reform Committee , <i>Grad Student Representative, UCSD Psychology</i>	<i>2020</i>
Extramural Funds Officer , <i>Graduate Officer, UCSD Psychology</i>	<i>2019-2022</i>
Colloquium Representative , <i>Graduate Officer, UCSD Psychology</i>	<i>2019-2020</i>

STARS Program, Mentor, UCSD

Summer 2019

Graduate Talk Series Representative, Graduate Officer, UCSD Psychology

2019

BCS & Neuroscience Undergraduate Council, Undergraduate Mentor, University of Rochester

2017-2018

AD-HOC REVIEWING

Journal(s): Open Mind

Conference(s): Cognitive Science Society, Society for Philosophy and Psychology

Workshop(s): Meaning in Context @ NeurIPS 2021

SKILLS

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

Software: Git, Praat

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