

Sarah A. Wu

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Education	Stanford University 2020 – Present Ph.D. in Psychology Advisor: Tobias Gerstenberg
	Diverse Intelligences Summer Institute 2021
	Massachusetts Institute of Technology 2016 – 2020 B.S. in Mathematics with Computer Science; Brain & Cognitive Sciences
Experience	Undergraduate Researcher 2019 – 2020 Computational Cognitive Science Group, Brain & Cognitive Sciences, MIT – Bayesian theory of mind and multi-agent reinforcement learning for social cooperation
	Undergraduate Researcher 2018 Izquierdo Lab, Psychology, UCLA – Paradigms for computing uncertainty and volatility in probabilistic learning in rodents
Honors and Awards	Stanford Institute for Research in the Social Sciences Grant (\$1500) 2021
	NeurIPS CoopAI Workshop Best Paper Award 2020
	CogSci Computational Modeling Prize in Higher Cognition 2020
	NSF Graduate Research Fellowship 2020
	Phi Beta Kappa 2020
	MIT Hans Lukas Teuber Award for Outstanding Academics 2019, 2020
	Amgen National Scholar 2018
Publications	U.S. National Physics Team 2016
	Sarah A. Wu and Tobias Gerstenberg (in prep). The role of counterfactual reasoning in responsibility judgments.
	Rose E. Wang*, Sarah A. Wu* , James A. Evans, Joshua B. Tenenbaum, David C. Parkes, and Max Kleiman-Weiner (2021). Too many cooks: Bayesian inference for coordinating multi-agent collaboration. In S. Muggleton and N. Charter (Ed.), <i>Human-like Machine Intelligence</i> . Oxford University Press.
	Sarah A. Wu* , Rose E. Wang*, James A. Evans, Joshua B. Tenenbaum, David C. Parkes, and Max Kleiman-Weiner (2021). Too many cooks: Bayesian inference for coordinating multi-agent collaboration. <i>Topics in Cognitive Science</i> , 13(2). https://doi.org/10.1111/tops.12525 .
	Sarah A. Wu and Edward Gibson (2021). Word order predicts cross-linguistic differences in the production of redundant color and number modifiers. <i>Cognitive Science</i> , 45(1). https://doi.org/10.1111/cogs.12934 .
Presentations	Sarah A. Wu and Tobias Gerstenberg. The role of counterfactual reasoning in responsibility judgments. Talk at the <i>47th Annual Meeting of the Society for Philosophy and Psychology (SPP)</i> .
	Sarah A. Wu and Tobias Gerstenberg. The role of counterfactual reasoning in responsibility judgments. Poster at the <i>43rd Annual Meeting of the Cognitive Science Society (CogSci)</i> .

Sarah A. Wu and Edward Gibson. Word order predicts cross-linguistic differences in the production of redundant color and number modifiers. Talk at the *26th Architectures and Mechanisms for Language Processing (AMLaP)*.

Sarah A. Wu*, Rose E. Wang*, James A. Evans, Joshua B. Tenenbaum, David C. Parkes, and Max Kleiman-Weiner. Too many cooks: Coordinating multi-agent collaboration through inverse planning. Talk at the *42nd Annual Meeting of the Cognitive Science Society (CogSci)*.

Sarah A. Wu, Ben Hayden, Alireza Soltani, and Alicia Izquierdo. Role of Anterior Cingulate Cortex in Evaluating Expected Uncertainty in Complex Learning Environments. Poster at the *2018 Amgen Scholars Symposium*.

Invited Talks	Social and Cognitive Computational Neuroscience Lab, Boston College	2020
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Teaching	<p>Teaching Assistant</p> <p>Stanford PSYCH 252 Statistical Methods for Social & Behavioral Sciences Winter 2022</p> <p>Stanford PSYCH 251 Experimental Methods Fall 2021</p> <p>Stanford SYMSYS 1 Minds and Machines Summer 2021</p> <p>MIT 6.046 Design and Analysis of Algorithms Spring 2019, Fall 2019, Spring 2020</p> <p>MIT 6.036 Introduction to Machine Learning Fall 2018</p> <p>MIT 12.000 Solving Complex Problems (Terrascope) Fall 2017</p> <p>Instructor, MIT Global Teaching Labs 2019</p> <p>IIS Curie-Sraffa (STEM high school), Milan, Italy</p> <p>Lab Assistant</p> <p>MIT 6.042 Introduction to Discrete Mathematics Spring 2018</p>
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Service and Activities	<p>Director of Mentor Recruitment; Mentor 2020 – Present</p> <p>Future Advancers of Science and Technology (https://fast.stanford.edu/)</p> <p>Graduate Representative Committee 2020 – Present</p> <p>Psychology, Stanford University</p> <p>Design Staff/Editor 2018 – 2020</p> <p>MIT <i>Technique</i> vol. 134, 135, 136</p> <p>Executive Officer 2018 – 2020</p> <p>MIT Brain & Cognitive Sciences Society</p>
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