

ALINA SUE LARSON

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EDUCATION

2014 - 2019	University of California, Santa Cruz	Santa Cruz, CA
	M.Sc. in Psychology, emphasis in Cognitive Psycholinguistics	
	Ph.D. in Psychology, dissertation titled <i>How Collaborative Synchrony Affects Humanization of Machines and Rehumanization of Humans</i>	
	Advisor: Dr. Jean E. Fox Tree	
2008 - 2012	Lewis & Clark College	Portland, OR
	B.A., Psychology, Foreign Languages, <i>magna cum laude</i>	
	Advisor: Dr. Yueping Zhang	

HONORS & AWARDS

2016	Perlino Award, a competitive award for research related to deafness
2016, 2015	Summer Graduate Student Research (GSR) Award
2014	Regents' Fellowship
2012	Phi Beta Kappa
2012	Psi Chi
2010 - 2012	Pamplin Corporation Scholarship
2008 - 2012	Dean's List

RESEARCH EXPERIENCE

Graduate Researcher, UC Santa Cruz (2014 - 2019)

Investigated the comprehension of discourse markers in human and machine speech, and the effect of backstories in HCI (Advisor: Dr. Jean E. Fox Tree, Spontaneous Communication Laboratory).

Designed and conducted experiments on the contribution of auditory and visual cues towards the comprehension of sarcasm (Advisor: Dr. Nicolas Davidenko, Perception Lab).

Graduate Research Assistant, Helen Wills Neuroscience Institute, UC Berkeley (2012 - 2014)

Conducted several studies involving TMS and fMRI. Coordinated, scheduled, and ran participants independently, assisting in data collection and analysis, and created an annotated bibliography in the preparation of a literature review (Advisors: Drs. Dobromir Rahnev and Mark D'Esposito).

Undergraduate Researcher, Lewis and Clark College (2009 - 2012)

Worked on individual and team projects with humans and rats, using behavioral and physiological measures and conducted data analysis in SPSS (Advisor: Dr. Yueping Zhang).

PUBLICATIONS AND MANUSCRIPTS IN PREPARATION

Larson, A.S., Fox Tree, J.E. (in review). Framing, more than speech, affects how machine agents are perceived.

Hammond, A.A., D'Arcey, J.T., **Larson, A.S.**, Fox Tree, J.E. (in prep). The Sarcasm: Sarcasm Production and Identification in Spontaneous Conversation.

Rahnev, D., Nee, D.E., Riddle, J., **Larson, A.S.**, D'Esposito, M. (2016). Causal evidence for frontal cortex organization for perceptual decision making. *Proceedings of the National Academy of Sciences of the United States of America*, 113(21), 6059-6064.

PRESENTATIONS

- Larson, A.S.** (2019, April). Do the robot! Keeping the beat with humans and machines. Graduate Research Symposium 2019 talk. Santa Cruz, California USA.
- Hammond, A.A., D'Arcey, J.T., **Larson, A.S.**, Fox Tree, J.E. (2017, November). The more sarcastic you are, the more sarcastic you think others are. Poster presented by Hammond at the Psychonomic Society's 58th Annual Meeting. Vancouver, B.C., Canada.
- Larson, A.**, Collins, J., Davidenko, N. (2015, July). "No way!": Similar contribution of visual and auditory cues to sarcasm comprehension. Poster presented at the 37th Annual Conference of the Cognitive Science Society. Pasadena, California USA.
- Rahnev, D., **Larson, A.**, D'Esposito, M. (2015, February). Prefrontal cortex and perception: A TMS-fMRI study. Poster presented at the 26th Annual Bay Area Vision Research Day. Berkeley, California USA.
- Rahnev, D., **Larson, A.**, D'Esposito, M. (Presented by Rahnev). (2014, April). Distinguishing three prefrontal processes in perceptual decision-making: A TMS-fMRI study. Poster. *Cognitive Neuroscience Society*.
- Rahnev, D., **Larson, A.**, D'Esposito, M. (2013, November). Causal mapping of lateral prefrontal regions to separate stages of perceptual decision-making. Nano-symposium talk. *Society for Neuroscience*.

LECTURING POSITION AT THE UNIVERSITY OF CALIFORNIA, SANTA CRUZ

Summer 2019 Psychology of Language (5 week course, 80 enrolled students)

TEACHING ASSISTANTSHIPS AT THE UNIVERSITY OF CALIFORNIA, SANTA CRUZ

Spring 2019	Statistics, Dr. Saskias Casanova
Winter 2019	Research Methods, Dr. Benjamin Storm
	Gave a guest lecture on my research (239 enrolled students)
Fall 2018	Research Methods, Dr. Leila Takayama
	Gave a guest lecture on my research (241 enrolled students)
Spring 2018	Research Methods, Dr. Leila Takayama
	Gave a guest lecture on my research (192 enrolled students)
Winter 2018	Cognition, Dr. Margaret Wilson
Fall 2017	Roman History - Pompeii, Dr. Charles Hedrick
Spring 2017	Cognitive Neuroscience, Dr. Cassidy Sterling
Winter 2017	Psych of Language, Dr. Fox Tree
Fall 2016	Abnormal Psychology, Patrawat Samermit
Spring 2016	Research Methods, Dr. Cassidy Sterling
	Gave a guest lecture on APA style (185 enrolled students)
Winter 2016	Cognition, Dr. Margaret Wilson
	Gave a guest lecture on implicit memory (171 enrolled students)
Fall 2015	Psych and Religion, Dr. Ralph Quinn
Summer 2015	Research Methods, Dr. Faye Crosby
Spring 2015	Perception, Dr. Nicolas Davidenko
	Gave a guest lecture on chemical senses (170 enrolled students)
Winter 2015	Statistics, Dr. Audun Dahl

PROFESSIONAL MEMBERSHIPS

2019 - Present	Women in Cognitive Science
2019 - Present	Psychonomic Society
2014-2017	American Psychological Association
2015-2016	Cognitive Science Society

OTHER WORK EXPERIENCE

2014 - Present	Dance Instructor and Organizer, East Bay Waltz, Berkeley, CA
2018	Summer internship at Catalia Health in Engineering designing a robot animation tool
2012 - 2014	Director's Assistant, Berkeley Russian School, Berkeley, CA
2012	Assistant copy-editor for the textbook <i>Doing Collaborative Research in Psychology</i> by Jerusha B. Detweiler-Bedell and Brian Detweiler-Bedell
2010	Illustrations Editor and Illustrator for Lewis & Clark school newspaper

SERVICE

2016 - 2019	Diversity, Equity, and Inclusion Committee member, UCSC
2017 - 2018	Noise as Critical Research in Sound Studies working group member
2017	Ad-hoc reviewer, Memory & Cognition
2016 - 2017	Campus Representative for APAGS-ACT, UCSC
2016, 2018	Outreach to De Anza college students, hosting at UCSC
2015	Outreach to Cognitive Science Student Association of UCSC

MENTORING RESEARCH ASSISTANTS

- As a graduate student researcher, I have interviewed, hired, and mentored thirteen undergraduate researchers in Psychology. Of these, twelve have identified as female, one as male.
- Mentorship has taken the form of in-depth descriptions of participant running procedures, training in using various technologies around the lab, as well as some basics in Python coding.
- In addition to this training, I advised on graduate program applications and professional development, and wrote recommendation letters.

RESEARCH INTERESTS

My research primarily focuses on first impressions in the context of human-computer interaction. More broadly, I am interested in how people dehumanize those they see as different from and/or competitive with themselves, and (re)humanize those they see as resembling and/or helpful to themselves (even when it comes to non-human agents). In my research, I examine language as well as various other forms of multimodal self-expression, such as music, dance, and games.

SKILLS

Programming	Python, HTML/CSS, Javascript, MATLAB, R, SPSS
Software/Tools	SuperLab, Brainsight, Adobe Photoshop and Illustrator, Git, Audacity
Certifications	Certified in the use of TMS and MRI at UC Berkeley (2014), CITI certified (present)
Natural Languages	Advanced French (7 years intensive study), advanced Russian (4 years intensive study)

REFERENCES

Professor Jean E. Fox Tree (Graduate Advisor)

Department of Psychology
University of California Santa Cruz
Santa Cruz, CA 95064
foxtree@ucsc.edu

Professor Leila Takayama

Department of Psychology
University of California Santa Cruz
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Professor Travis Seymour

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More references available upon request