

ALINA LARSON

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EDUCATION

University of California, Santa Cruz – Fall 2014 - Present

Ph.D. student, Cognitive Psychology Program

Lewis & Clark College, Portland, OR – Fall 2008 - Spring 2012

B.A., magna cum laude, Psychology & Foreign Languages

RESEARCH EXPERIENCE

Graduate Researcher, UC Santa Cruz – Fall 2014 - Present

Working in Dr. Nicolas Davidenko's perception lab, I am designing and conducting behavioral studies of visual and auditory communication. I am examining how cues such as facial movement and intonation influence whether speech is interpreted as sincere or sarcastic.

Graduate Research Assistant, UC Berkeley – Fall 2012 - Summer 2014

Worked in Dr. Mark D'Esposito's cognitive neuroscience lab, helping to conduct several studies, coordinating and scheduling subjects for TMS and fMRI sessions, assisting in data collection and analysis, and reviewing literature.

Undergraduate Investigator, Lewis and Clark College, Spring 2012

Conducted an extensive literature review on the topic of stress and addiction for a capstone Neuroscience course and presented my findings to the class.

Undergraduate Co-Investigator, Lewis and Clark College, Fall 2011

Performed IP injections of saline and caffeine in rats with a group and coded their behavior in Open Field and Elevated Zero Plus Maze tests. Conducted an independent literature review and wrote a paper presenting our findings.

Undergraduate Co-Investigator, Lewis and Clark College, Fall 2011

Worked with a small group to study salivary cortisol levels of the school's crew team on weeks either preceding a practice or competition race. Analyzed samples with an enzyme-linked immunosorbent assay (ELISA). Presented findings with group.

Undergraduate Researcher, Lewis and Clark College, Fall 2009

Designed and administered a 32-question survey to 78 student participants. Performed an in-depth literature review on parent-child emotional closeness with respect to parental marital status. Analyzed data using SPSS, conducting several ANOVAs. Presented findings at a college poster convention with other Psychology students.

PUBLICATIONS

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

PRESENTATIONS AT PROFESSIONAL MEETINGS

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. (2014, April). Distinguishing three prefrontal processes in perceptual decision-making: A TMS-fMRI study. Poster. *Cognitive Neuroscience Society (CNS)*.

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 (SfN)*.

TEACHING EXPERIENCE

Dance Instructor and Assistant, East Bay Waltz – 2014 - Present

I help teach and assist other teachers, teaching ballroom dance (waltz, cross-step waltz, polka)

Teaching Assistant, UC Santa Cruz – Spring 2016

Teaching assistant, bi-weekly section presentations for Research Methods with Dr. Cassidy Sterling

Guest Lecturer, UC Santa Cruz – Spring 2016

Lecture on APA style, Psychology 100: Research Methods with Dr. Cassidy Sterling

Teaching Assistant, UC Santa Cruz – Winter 2016

Teaching assistant, bi-weekly section presentations for Cognition with Dr. Margaret Wilson

Guest Lecturer, UC Santa Cruz – Winter 2016

Lecture on Implicit Memory, Psychology 20A: Cognition with Dr. Margaret Wilson

Teaching Assistant, UC Santa Cruz – Fall 2015

Teaching assistant, bi-weekly section presentations for Psych & Religion with Dr. Ralph Quinn

Teaching Assistant, UC Santa Cruz – Summer 2015

Teaching assistant, bi-weekly section presentations for Research Methods with Dr. Faye Crosby

Presentation, UC Santa Cruz – Spring 2015

First Year Research Presentation, "Multimodal Markers of Ambiguous Sarcasm"

Teaching Assistant, UC Santa Cruz – Spring 2015

Teaching assistant, bi-weekly section presentations for Perception with Dr. Nicolas Davidenko

Teaching Assistant, UC Santa Cruz – Winter 2015

Teaching assistant, bi-weekly section presentations for Statistics with Dr. Audun Dahl

Guest Lecturer, UC Santa Cruz – Spring 2015

Lecture on Chemical Senses, Psychology 121: Perception with Dr. Nicolas Davidenko

Director's Assistant, Berkeley Russian School – 2012 - 2014

Kept track of school schedule and library. Subbed in for teachers as needed.

Foreign Language Tutor, Lewis and Clark College – 2008 - 2012

Met with students studying French and Russian, and helped them prepare for tests as well as practice conversation and pronunciation.

SKILLS**Computer:**

Experience with Python, MATLAB, SPSS, Brainsight, Microsoft Office, Acrobat, Photoshop, Google Apps, Mac and PC. Typing speed: 80wpm.

Certifications:

Certified by OHSU to handle and work with rats, CPR certified (March 2013 - 2015), certified in the use of Transcranial Magnetic Stimulation and Magnetic Resonance Imaging at the Brain Imaging Center of UC Berkeley.

Languages:

Advanced French (7 years), advanced Russian (4 years).

HONORS AND AWARDS AT LEWIS AND CLARK COLLEGE

2012 - Present	<i>Phi Beta Kappa</i>
2012 - Present	<i>Psi Chi</i>
2010 - 2012	<i>Pamplin Corporation Scholarship</i>
2008 - 2012	<i>Dean's List.</i>