# ALINA LARSON

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# **EDUCATION**

| Ph.D., Cognitive Psychology (in progress) University of California, Santa Cruz, CA        | 2014 - Present |
|---|----------------|
| M.S., Cognitive Psychology University of California, Santa Cruz, CA                       | 2014 - 2016    |
| B.A., magna cum laude, Psychology & Foreign Languages Lewis & Clark College, Portland, OR | 2008 - 2012    |
| HONORS AND AWARDS   |                |
| Perlino Award, a competitive award for research related to deafness                       | 2016           |
| Summer Graduate Student Research (GSR) Award  | 2016           |
| Summer Graduate Student Research (GSR) Award  | 2015           |
| Regents' Fellowship   | 2014           |
| Phi Beta Kappa  | 2012           |
| Psi Chi   | 2012           |
| Pamplin Corporation Scholarship   | 2010 - 2012    |
| Dean's List   | 2008 - 2012    |

#### RESEARCH EXPERIENCE

## Graduate Researcher, UC Santa Cruz

2014 - Present

Investigated the comprehension of discourse markers in human and machine speech (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, UC Berkeley

2012 - 2014

Conducted several studies involving TMS and fMRI. I coordinated, scheduled, and ran participants independently, assisting in data collection and analysis, and created an annotative 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 (SPSS).

## PUBLICATIONS AND MANUSCRIPTS IN PREPARATION

- **Larson, A.S.**, Fox Tree, J.E.. (in *prep*). In communicating with machines, framing is more important than words.
- 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**

- 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 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. (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*.

#### **TEACHING EXPERIENCE**

| Dance Instructor and Organizer, East Bay Waltz                                 | 2014 - Present |
|--|----------------|
| <b>Teaching Assistant</b> , Roman History - Pompeii, Dr. Charles Hedrick, UCSC | Fall 2017      |
| <b>Teaching Assistant</b> , Cognitive Neuroscience, Dr. Cassidy Sterling, UCSC | Spring 2017    |
| Teaching Assistant, Psych of Language, Dr. Fox Tree, UCSC                      | Winter 2017    |
| Teaching Assistant, Abnormal Psychology, Patrawat Samermit, UCSC               | Fall 2016      |
| Teaching Assistant, Research Methods, Dr. Cassidy Sterling, UCSC               | Spring 2016    |
| Gave a guest lecture on APA style (185 enrolled students)                      |                |
| Teaching Assistant, Cognition, Dr. Margaret Wilson, UCSC                       | Winter 2016    |
| Gave a guest lecture on Implicit Memory (171 enrolled students)                |                |
| Teaching Assistant, Psych and Religion, Dr. Ralph Quinn, UCSC                  | Fall 2015      |
| Teaching Assistant, Research Methods, Dr. Faye Crosby, UCSC                    | Summer 2015    |
| Teaching Assistant, Perception, Dr. Nicolas Davidenko, UCSC                    | Spring 2015    |
| Gave a guest lecture on Chemical Senses (170 enrolled students)                |                |
| Teaching Assistant, Statistics, Dr. Audun Dahl, UCSC                           | Winter 2015    |
| Director's Assistant, Berkeley Russian School                                  | 2012 - 2014    |
| Subbed in for teachers as needed, managed schedules and the library            |                |
| Foreign Language Tutor, Lewis and Clark College                                | 2008 - 2012    |

Helped students of French and Russian with conversation, pronunciation, and test prep

# **SERVICE**

| Diversity, Equity, and Inclusion Committee member, UCSC   | 2016 - Present |
|---|----------------|
| Campus Representative for APAGS-ACT, UCSC                 | 2016 - 2017    |
| Ad-hoc reviewer, Memory & Cognition                       | Spring 2017    |
| Outreach to De Anza college students, hosting at UCSC     | Spring 2016    |
| Outreach to Cognitive Science Student Association of UCSC | Fall 2015      |

# **PROFESSIONAL ASSOCIATIONS**

| Cognitive Science Society          | 2015 - Present |
|------------------------------------|----------------|
| American Psychological Association | 2014 - Present |

## **SKILLS**

# Computer

Experience with Python, HTML/CSS, MATLAB, SPSS, SuperLab, Brainsight, Adobe Photoshop, Illustrator, Google Apps, GitHub, Audacity, SuperLab, Mac and PC.

#### Certifications

CITI certified, 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 intensive study), advanced Russian (4 years intensive study).

# **REFERENCES**

Available upon request