

Shannon Klotz

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Education

University of California, Davis, Davis, CA September 2021 – 2026 (expected)
Ph.D. in Psychology

Scripps College, Claremont, CA August 2015 – May 2019
B.A. with Honors in Neuroscience, Emphasis in Cognition
GPA: 3.61, *cum Laude*

American River College, Sacramento, CA June – August 2016/17
General Education: Biology, Psychology, Spanish

Professional Experience

Department of Psychology, University of California, Davis September 2021 - present
Graduate Student Researcher

Infant Cognition Lab June 2019 – September 2021
Center for Mind and Brain, University of California, Davis
Junior Specialist

Laboratory for Inquiry into Valuation and Emotion September 2016 – May 2019
Scripps College, Claremont, CA
Research Assistant

Gläscher Lab June 2018 – July 2018
Hamburg, Germany
Visiting Research Assistant

Honors and Awards

Diverse Mentoring Initiative June 2022

- Hosted educational group workshop on R to promote an increased the presence of underrepresented ethnic and racial groups as well as others who have been historically excluded in the field of psychology
- Sustained individual mentoring of 3 ethnically and racially diverse undergraduate psychology students

Outstanding Mentorship Award June 2022

Claremont Colleges' Intercollegiate Neuroscience Summer Fellowship June - August 2018

- Awarded a competitive undergraduate student grant consisting of direct research costs and living expenses worth \$5,000

Scripps College Presidential Scholarship August 2015 – May 2019

- Awarded \$15,000 per year for demonstrated academic performance, school and community leadership, service, integrity, and creativity

Presentations, Posters, and Conference Attendance

Klotz, S., et al. *Validation of Teller acuity with an automatic eye tracking assessment*. Poster presented at the 43rd International Congress of Infant Studies (July, 2022).

Klotz, S., et al. *Experience and Age Guide Infants' Attention to Meaning in Scenes*. Poster presented virtually at the *Society for Research in Child Development* (April 2021).

Klotz, S., et al. *Effects of familiarization on infants' visual search*. Poster presented virtually at the 42nd International Congress of Infant Studies (July, 2020).

Klotz, S., et al. *Cognitive Computational Models of Value and Prediction Error During Interactive Cooperation*. Poster presented at the 99th Annual Western Psychological Association Convention (April, 2019).

Klotz, S. Symposium presentation at Claremont Keck Sciences (September, 2018).

Spezio, M., **Klotz, S.**, et al. *Theory of Mind During Cooperation: Cognitive and neural modeling of interactive decision*. Poster session presented at the 11th Annual Meeting of the Federation of European Neuroscience Societies (July, 2018).

Patel, R., **Klotz, S.**, et al. *Choosing to Rescue or Not: Cognitive and Neural Models of Valuation Underlying Rescue Decisions*. Poster session presented at the 11th Annual Meeting of the Federation of European Neuroscience Societies (July, 2018).

Manuscripts Under Review

Oakes, L., Hayes, T., **Klotz, S.**, Pomaranski, K., Henderson, J. The role of meaning in infants' fixations of natural scenes. *Developmental Science*.

Manuscripts in Preparation

Klotz, S., DeBolt, M., Pomaranski, K., Luck, S. Oakes, L. The influence of experience on infants' visual search.

Klotz, S., Hayes, T., Henderson, J., Oakes, L. The role of meaning in toddler and preschoolers' fixations of natural scenes.

Undergraduate Mentoring

Fatima Lopez (2022 – present, Diverse Mentoring Initiative)

Raquel Anguiano (2022 – present, Diverse Mentoring Initiative)

Franchesca Quintero * (2021 – present, Diverse Mentoring Initiative)

Emily Kramer * (2021 – present)

Rebecca Beaton * (2021 – present)

Irene Kim (2021 First Gen Initiative's Mentorship Program)

*Student mentee presented research project at the UC Davis Undergraduate Research Conference

Skills

Laboratory Skills: Eye Tracking, EEG/fMRI Data Analysis, Cognitive Computational Modeling (brms, hBayesDM), Neural Networks (PyTorch, Tensorflow), Independent Component Analysis

Programming Languages: R, Python, JavaScript, MATLAB, Ruby, Java, SPSS

Extracurricular and Volunteer Experience

Scripps Psi Chi, Chapter President, Claremont, CA

President

Member

September 2018 – May 2019

September 2017 – Present

Peer Mentor, Claremont, CA

August 2017 - May 2018

- Provided eight new undergraduate students with one-on-one and group assistance, care, and mentorship