Exponent®
Engineering & Scientific Consulting

Eugene Kim, Ph.D.

Scientist | Human Factors
Los Angeles
+1-310-754-2769 | ekim@exponent.com

Professional Profile

Dr. Kim has expertise in human visual attention and perception, with specialization in how individuals allocate and dynamically update visual attention in complex environments, social interactions, and to biological motion. He applies this scientific expertise to the analysis of human factors contributing to a wide range of scenarios, including motor vehicle collisions, incidents involving pedestrians, slips, trips, and falls, and various other accidents.

Prior to joining Exponent, Dr. Kim earned his Ph.D. in Psychology from the Psychological and Brain Sciences Program at Indiana University, Bloomington. His doctoral research focused on the role of visual attention and gaze behavior in coordinated social and motor behavior, using high-resolution eye-tracking, experimental paradigms, and quantitative modeling approaches. His dissertation work examined how patterns of visual attention unfold over different temporal scales, how these patterns relate to perceptual processing and decision-making, and how attentional processes differ between neurotypical and atypical populations, such as in autism spectrum conditions.

Academic Credentials & Professional Honors

Ph.D., Psychology, Indiana University Bloomington, 2023

B.A., Psychology, University of California, Irvine, 2011

National Institutes of Health (NIH) Developmental Training Grant (2014)

Publications

Presentations

Kim E, Bertenthal BI. Relations between action production and novel measures of action understanding. Poster presented at the Society for Research in Child Development 2019 Biennial Meeting, Baltimore, MD, 2019.

Kim E, Bertenthal BI. Exploring converging measures of action understanding in early development. Poster presented at the International Congress for Infant Studies 2019 Biennial Congress, Philadelphia, PA, 2018.

Kim E, Bertenthal BI. The role of mimicry on infant's emerging action prediction and understanding. Poster presented at the International Congress for Infant Studies 2016 Biennial Congress, New Orleans, LA, 2016.

Kim E, Jones W, Shultz S, Klin A. Mapping the topography of subjective salience. Poster presented at the 13th Annual International Meeting for Autism Research, Atlanta, GA, 2014.

Kim E, Jones W, Shultz S, Klin A. Behavioral topographies that adversely impact dynamic visual scanning in adolescents and adults with ASD. Talk presented at the 12th Annual International Meeting for Autism Research, San Sebastian, Spain, 2013.

Kim E, Jones W, Shultz S, Klin A. Behavioral topographies that adversely impact dynamic visual scanning in adolescents and adults with ASD. Poster presented at the 2013 Pediatric Research Retreat, Common Complex Childhood Diseases, Atlanta, GA, 2013.

Grossman ED, **Kim E**, Heckler EA, Tyler SC. The temporal structure of social reflexive orienting from point-light biological motion. Abstract accepted for the 2012 Vision Sciences Society Meeting, Naples, FL, 2012.