

Eugene Kim
Curriculum Vitae

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EDUCATION

Indiana University, Bloomington, IN
Ph.D. Developmental Psychology
Advisor: Bennet Bertenthal, Ph.D.

August 2014 - present

University of California, Irvine, CA
B.A. Cognitive Psychology
Minor: Linguistics
Order of Merit Nominee, 2011

June 2012

ACADEMIC HONORS & AWARDS

Developmental Training Grant

2014 – 2015

RESEARCH & WORK EXPERIENCE

Donald J. Cohen Fellow in Developmental Social Neuroscience
Marcus Autism Center, Children's Healthcare of Atlanta, Atlanta, GA
Advisors: Ami Klin, Ph.D., Warren Jones, Ph.D., Gordon Ramsay, Ph.D.

Jul 2012 – Jun 2014

Quantifying the ontogeny of social visual engagement in infants at high risk for autism

spectrum disorder (ASD): Autism Center of Excellence NIH funded study to investigate early biomarkers of risk for ASD

- Carried out experimental protocols (e.g. eye-tracking data collection)
- Conduct computational analyses on eye-tracking data
- Used MATLAB to assist in modifying eye-tracking data post-processing software for use in mobile eye-tracking device
- Conducted independent research examining content that adversely impact dynamic visual scanning in adolescents with ASD
- Presented posters and talks at conferences

Research Assistant
Visual Perception and Neuroimaging Laboratory
University of California, Irvine, CA
Advisor: Emily D. Grossman, Ph.D.

Dec 2010 – Jun 2012

Investigating the neural mechanisms underlying biological motion perception in humans:

Using psychophysical methods and functional magnetic resonance imaging (fMRI) to elucidate attentional and brain mechanisms subserving biological motion perception

- Assisted in fMRI data preprocessing (e.g. motion correction, statistical analysis, co-registration)

- Used BrainVoyager for 3-dimensional white matter anatomical segmentation
- Trained undergraduate research assistants to use BrainVoyager
- Conducted independent research investigating effects of biological motion cues on visual spatial attention
- Developed novel adaptation of Posner cueing paradigm to investigate spatial cueing effects

Behavioral Interventionist

Jul 2010 – Jun 2012

Comprehensive Education Services, Inc., Irvine, CA

Using Applied Behavior Analysis (ABA) to provide one-to-one behavioral intervention to individuals diagnosed with ASD

- Carried out behavioral intervention sessions in the home, school, and community
- Worked with board-certified clinicians to develop intervention strategies for clients
- Met with parents and supervisors to review behavioral results and address parents' concerns, expectations and needs

Jumpstart Team Leader

Oct 2009 – May 2010

Jumpstart Early Education Program, Irvine, CA

Advisor: Virginia A. Mann, Ph.D.

Promoting early literacy skills in at-risk preschool children in low-income neighborhoods:

Using empirically driven methods based on facilitating phoneme awareness and structured play

- Supervised and led team of ten volunteers' year-long one-to-one interactions with program children
- Organized weekly activity plans for program sessions (e.g. circle time, games, reading activities, group songs)
- Volunteered at fundraisers and book reading festivals to promote early literacy
- Completed 450 hours of volunteer service

Jumpstart Corps Member

Oct 2008 – May 2009

Jumpstart Early Education Program, Irvine, CA

Advisor: Virginia A. Mann, Ph.D.

Promoting early literacy skills in at-risk preschool children in low-income neighborhoods:

Using empirically driven methods based on facilitating phoneme awareness and structured play

- Provided one-to-one interaction with a preschooler enrolled in program
- Volunteered in preschool classroom during school session as teacher's assistant
- Completed 300 hours of volunteer service

MANUSCRIPTS

Kim, E.M., Shultz, S., Klin, A., Jones, W. (in preparation). The Dynamics of Social Visual Engagement When Viewing Naturalistic Social Scenes.

Grossman, E.D., **Kim, E.M.,** Tyler, S.C. (under revision). The Potency of Biological Motion to Drive Endogenous Shifts of Attention.

ORAL PRESENTATIONS

Kim, E.M., Jones, W., Shultz, S., Klin, A. (2013). 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

ABSTRACTS & POSTER PRESENTATIONS

Kim, E.M., Shultz, S., Klin, A., Jones, W. (2014). Mapping the Topology of Subjective Salience: Efforts to Measure the *How* and *Why*, Rather than the *What* of Visual Attention. Poster presented at the 13th Annual International Meeting for Autism Research, Atlanta, GA

Kim, E.M., Jones, W., Shultz, S., Klin, A. (2013). 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

Grossman, E.D., **Kim, E.M.,** Heckler, E.A., Tyler, S.C. (2012). The Temporal Structure of Social Reflexive Orienting From Point-Light Biological Motion. Abstract accepted for the 2012 Vision Sciences Society Meeting, Naples, FL

PROFESSIONAL MEMBERSHIPS

International Society for Autism Research, Member
Emory Center for Translational Social Neuroscience, Member

SKILLS

MATLAB, Applescript, R, ISCAN eye-tracking, TOBII eye-tracking, SPSS, SigmaPlot, Microsoft Office, Apple Final Cut Pro, Adobe Photoshop, Adobe Illustrator, BrainVoyager

LANGUAGES

Fluent in English, proficient in Korean