

KIMBERLY B. SCHAUDER

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EDUCATION

University of Rochester, Rochester NY, 2013-Present

Graduate Student

Department of Clinical and Social Psychology

Major: Clinical Psychology

Advisor: Loisa Bennetto, Ph.D.

Emory University, Atlanta, GA, 2007-2011

Bachelor of Science, Neuroscience and Behavioral Biology

Bachelor of Arts, Psychology

Overall GPA: 3.83

University of St. Andrews, St. Andrews, Scotland, UK, Spring 2010

Junior Semester Abroad

RESEARCH EXPERIENCE

Graduate Research Assistant, University of Rochester, September 2013-Present

Developmental Neuropsychology Lab

Loisa Bennetto, Ph.D., Department of Clinical and Social Psychology

- Administer and score cognitive and autism diagnostic assessments to children 10-17 with and without autism
- Write research reports for families following autism diagnostic evaluations
- Perform daily office manager duties (e.g., data entry, laboratory organization)

Research Analyst, Vanderbilt University, August 2011-June 2013

Autism Sensory and Repetitive Behavior Research Lab

Carissa Cascio, Ph.D., Department of Psychiatry

- Recruited, screened, and scheduled participants ages 3-50 both with and without autism spectrum disorders for participation in research protocols
- Administered and scored cognitive, autism diagnostic, and sensory assessments to children and adults ages 3-50 with and without autism
- Drafted research reports for families following autism diagnostic appointments
- Administered research paradigms using electroencephalography (EEG)
- Assisted in acquisition and processing of diffusion tensor imaging (DTI), functional magnetic resonance imaging (fMRI) scans in kids and adults with and without autism
- Collected saliva samples from participants for use in genetic investigations associated with sensory and repetitive behaviors in autism
- Managed, trained and mentored undergraduate research assistants
- Collaborated with various autism research labs at Vanderbilt to maintain a participant recruitment database with contact and clinical information
- Performed daily office manager duties (e.g., data entry, laboratory organization)

Undergraduate Research Assistant & Honors Student, Emory University, 2009-2011

Jocelyne Bachevalier, Ph.D., Yerkes National Primate Research Center

- Expanded previous behavioral methodologies for studying fear potentiated startle in adult rhesus macaques (undergraduate honors thesis work)
- Coded and analyzed data of gaze perception and imitation behaviors in infant rhesus macaques
- Analyzed cerebellar volume from structural MRIs of human participants with and without autism
- Assisted in cutting, plating and staining nonhuman primate brain tissue for use in histological analyses

Student Science Training Program Summer Research Assistant, 2006

Molecular Genetics and Gene Therapy of Cardiovascular Disease Research Lab

Barry Byrne, M.D., Ph.D., Department of Molecular Genetics and Microbiology and Pediatrics, University of Florida, Gainesville, FL

- Analyzed cell pathology and MRI data in a rodent model of Primary Pulmonary Hypertension

CLINICAL TRAININGS

Autism Diagnostic Observation Schedule – 2 (ADOS-2) Advanced Clinical/Research Training, December 2012

Vanderbilt University

Instructor: Rachel Hundley, PhD

- Participated in a 3 day advanced clinical/research training on the administration and scoring of this gold standard assessment tool used in the diagnosis of autism spectrum disorders
- Obtained in-house research reliability on Modules 1, 2, 3, and 4 in 2012

Autism Diagnostic Observation Schedule - 2 (ADOS-2) Clinical Training, July 2012

Vanderbilt University

Instructor: Rachel Hundley, PhD

- Participated in a 2 day clinical training on the administration and scoring of this gold standard assessment tool used in the diagnosis of autism spectrum disorders

Autism Diagnostic Interview-Revised (ADI-R) Training, November 2011

Vanderbilt University

Instructor: Somer Bishop, PhD

- Participated in a 2 day training on the administration and scoring of this parent interview measure used in the diagnosis of autism spectrum disorders

Mullen Scales of Early Learning Training, January 2012

Vanderbilt University

Instructor: Evon Lee, PhD

- Participated in a 2 hour training on the administration and scoring of this cognitive assessment tool for children ages birth-5 years

Wechsler Abbreviated Scales of Intelligence (WASI) Training, August 2011
Kaufman Brief Intelligence Test 2 (KBIT-2) Training, August 2011

Vanderbilt University

Instructor: Evon Lee, PhD

- Participated in two-2 hour trainings on the administration and scoring of these brief cognitive assessment tools

HONORS, AWARDS, MEMBERSHIPS, AND OTHER SKILLS

American Psychological Association (APA), member, June 2014-Present

Psi Chi National Honor Society in Psychology, May 2014-Present

International Society for Autism Research (INSAR), member, January 2014-Present

Graduated Summa Cum Laude from Emory University, May 2011

Emory University Dean's List, 2009-2011

BRAIN Undergraduate Research Fellow, Summer 2009

Outstanding Research Paper Award, Student Science Training Program, 2006

Computer Software Skills

- Proficient in Microsoft Word, PowerPoint and Excel
- Proficient in SPSS statistical software
- Proficient in Endnote and Reference Manager
- Experience with Matlab and Eprime software
- Experience with imaging software packages: SPM8, FSL, BrainVoyager, DTI Studio, NetStation, ImageJ

PEER REVIEW JOURNAL ARTICLES

Kazama A, **Schauder K**, McKinnon M, Bachevalier J, Davis M (2013). A Novel AX+/BX-paradigm to Assess Fear Learning and Safety-Signal Processing with repeated measure designs. *Journal of Neuroscience Methods*, 214(2), 177-183.

Foss-Feig J, Tadin D, **Schauder K**, Cascio C (2013). A Substantial and Unexpected Enhancement of Motion Perception in Autism. *Journal of Neuroscience*, 33(19), 8243-8249.

Cascio C, Foss-Feig J, Heacock J, **Schauder K**, Loring W, Rogers B, Pryweller J, Newsom C, Cockhren J, Cao A, Bolton S (2014). Affective Neural Response to Restricted Interests in Autism Spectrum Disorders. *Journal of Child Psychology and Psychiatry*, 55(2), 162-171.

Cascio C, Gu C, **Schauder K**, Key S, Yoder P. (under review) Somatosensory event-related potentials and association with tactile behavioral responsiveness patterns in children with ASD.

Pryweller J, **Schauder K**, Anderson A, Heacock J, Foss-Feig J, Newsom C, Loring W, Cascio C (under review) White matter correlates of sensory processing in ASD.

Schauder K, Mash L, Cascio C (under review) Interoceptive ability and body awareness in autism spectrum disorder.

PUBLISHED ABSTRACTS AND CONFERENCE PRESENTATIONS

Kazama A, **Schauder K**, Davis M, Bachevalier J (2011). A novel AX+/BX- paradigm for repeated-design studies of fear and safety-signal learning in non-human primates. Annual Meeting for Society for Neuroscience. Washington DC, November

Schauder K, Foss-Feig J, Heacock J, Newsom C, Cowan R, Benningfield M, Rogers B, Cao A, Cascio C (2012) Response of neural reward regions to food cues in autism spectrum disorders. Vanderbilt Kennedy Center Science Day. Nashville, February

Foss-Feig J, Cascio C, **Schauder K**, Tadin, D (2012). A substantial and unexpected enhancement of motion perception in children with autism spectrum disorders. Vision Sciences Society Annual Meeting. Naples, May

Schauder K, Foss-Feig J, Tadin D, Hogue M, Cascio C (2013). Developmental patterns of spatial suppression in autism spectrum disorders. Vanderbilt Kennedy Center Science Day. Nashville, February.

Foss-Feig JH, Johnston R, **Schauder K**, Key AV, Wallace MT, Stone WL (2013). Auditory temporal processing impairments in autism spectrum disorders. Society for Research in Child Development. Seattle, April.

Cascio C, **Schauder K**, Loring W. (2013). Superior interoception in children with autism spectrum disorders. International Meeting for Autism Research. San Sebastian, May.

Foss-Feig JH, Johnston R, **Schauder K**, de la Fontaine N, Key AV, Wallace MT, Stone WL (2014). Deficits in auditory temporal processing are associated with language impairments in children with ASD. International Meeting for Autism Research, Atlanta, May.

Bryant L, **Schauder K**, Cascio C. (2014). Multidimensional assessment of empathy in children with ASD. International Meeting for Autism Research, Atlanta, May.