

Sarah E. Schipul

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Education

Carnegie Mellon University May 2012
PhD in Psychology, begun August 2007
Advisor: Marcel Adam Just

Carnegie Mellon University 2004
B.S. in Cognitive Science with a minor in Computer Science

Publications

Schipul SE, Keller TA, Williams DL, Minshew NJ, & Just MA. (2012) Distinctive neural processes during learning in autism. *Cerebral Cortex*, 22, 937-950.

Schipul SE, Keller TA, & Just MA. (2011) Inter-regional brain communication and its disturbance in autism. *Frontiers in Systems Neuroscience*, 5, 1-11.

Manuscripts under review

Kana RK, Liu Y, Williams DL, Keller TA, Schipul SE, Minshew NJ, & Just MA. The local, global, and neural aspects of visuospatial processing in autism spectrum disorders. (submitted)

Conference Presentations

Schipul SE & Just MA. (2012, May) Effects of disrupted neural circuitry on learning processes in autism. Presented as part of co-organized scientific panel "Disrupted Neural Circuitry in Autism." *International Meeting for Autism Research*, Toronto, Ontario.

Schipul SE, Williams DL, & Just MA. (2011, May) Brain activation changes in autism during learning in a spatial working memory task. *International Meeting for Autism Research*, San Diego, CA.

Schipul SE, Aryal S, & Just MA. (2010, May) Applying machine learning techniques to brain imaging characteristics to distinguish between individuals with autism and neurotypical controls. *International Meeting for Autism Research*, Philadelphia, PA.

Schipul SE, Williams DL, Keller TA, Minshew NJ, & Just MA. (2009, May) Trustworthiness Judgments in Autism: An fMRI Study. *International Meeting for Autism Research*, Chicago, IL.

Schipul SE, Williams DL, Keller TA, Kana RK, Minshew NJ, & Just MA. (2008, May) Learning to detect lies in autism. *International Meeting for Autism Research*, London, UK.

Teaching Experience

Teaching Assistant/Lab Instructor: Cognitive Brain Imaging with M. Just (Spring '06, '08, '09, '11, '12)
Teaching Assistant/Lab Instructor: Cognitive Brain Imaging with R. Mason (Spring '07, '10)
Teaching Assistant: Cognitive Psychology with C. Kemp (Fall '09)
Teaching Assistant: Social Psychology with V. Helgeson (Fall '08)

Research Experience

Research Assistant, Center for Cognitive Brain Imaging, CMU 2004 – 2007
Participated in designing, running, and analyzing fMRI experiments with participants with autism

using SPM. Worked on several studies in autism examining social cognition, multitasking, visuo-spatial processing, and language comprehension.

Undergraduate Research Assistant, Human Computer Interaction Institute, CMU

2003-2004

Ran experiments on the effects of technology on computer-mediated collaboration.

Awards

Student travel award, International Meeting for Autism Research, May 2008

Ad-hoc Journal Reviews

Cerebral Cortex; Biological Psychiatry; Human Brain Mapping

Association Memberships

International Society for Autism Research