

KATHRYN E. SCHERTZ

Chicago, IL

kschertz@uchicago.edu

EDUCATION

University of Pennsylvania

Bachelor's of Arts in Cognitive Science

- Concentration in Cognitive Neuroscience; Magna Cum Laude

Philadelphia, PA

May 2008

CURRENT POSITION

Graduate Student, University of Chicago

Department of Psychology, Integrative Neuroscience Program

Advisor: Dr. Marc Berman

Chicago, IL

Sept 2017 - present

PRIOR RESEARCH EXPERIENCE

Environmental Neuroscience Lab, University of Chicago

Lab Manager/Research Assistant

Marc G. Berman, PhD, director

Chicago, IL

Dec 2015 – Aug 2017

Center for Cognitive Neuroscience, University of Pennsylvania

Undergraduate Student Researcher

Sharon L. Thompson-Schill, PhD, director

Philadelphia, PA

Jan 2007- Jan 2008

PUBLISHED CONFERENCE PROCEEDINGS (peer reviewed)

Chrysikou, E.G., Schertz, K., & Thompson-Schill, S.L. (2007). Influencing the lingering garden path effect through tasks of executive control. [Abstract]. *Abstracts of the Psychonomics Society*, 12 (p. 129). Austin, TX: Psychonomic Society.

POSTERS & PRESENTATIONS

Schertz, K.E., Sachdeva, S., Kardan, O., Kotabe, H.P., Wolf, K.L., & Berman, M.G. (2017, November). *A thought in the park: The influence of naturalness and low-level visual features on expressed thoughts*. Poster to be presented at the 58th Annual Meeting of the Psychonomics Society, Vancouver, BC.

Layden, E.A., Schertz, K.E., Berman, M.G., & London, S.E. (2017, November). *Telencephalic song nuclei of the anesthetized zebra finch brain exhibit functional homotopy in the absence of known direct white matter projections*. Poster to be presented at the 47th Annual Meeting of the Society for Neuroscience, San Diego, CA.

Schertz, K.E. (2017, August). *A thought in the park: The influence of naturalness and low-level visual features on expressed thoughts*. Talk presented at the University of Chicago Wisdom Research Forum.

Cardenas-Iniguez, C., Schertz, K.E., & Berman, M.G. (2017, June). *The Role of Neighborhood Greenspace on Healthcare Utilization in an Urban US Multiracial Sample*. Poster presented at the AHRQ NRSA Annual Conference 2017, New Orleans, LA.

Schertz, K.E., Layden, E.A., London, S.E., & Berman, M.G. (2016, November). *Functional connectivity and brain morphometry across development in zebra finches*. Poster presented at the 46th Annual Meeting of the Society for Neuroscience, San Diego, CA.

Meyer, F., Schertz, K.E., & Berman, M. G. (2016, May). *Does interacting with nature in virtual reality restore directed attention?* Poster presented at the Annual Convention of the Association for Psychological Science, Chicago, IL.

Chrysikou, E.G., Schertz, K., & Thompson-Schill, S.L. (2007, November). *Influencing the lingering garden path effect through tasks of executive control*. Poster presented at the 48th Annual Meeting of the Psychonomics Society, Long Beach, CA.

MANUSCRIPTS IN PREPARATION & REVIEW

Schertz, K.E., Sachdeva, S., Kardan, O., Kotabe, H.P., Wolf, K.L., & Berman, M.G. (2017). *A thought in the park: The influence of naturalness and low-level visual features on expressed thoughts*. Manuscript under review.

EMPLOYMENT HISTORY

U.S. Pacific Fleet Headquarters, U.S. Navy Pearl Harbor, HI
Surface Warfare Head, Current Operations Mar 2014 – Oct 2014

U.S. Pacific Fleet Headquarters, U.S. Navy Pearl Harbor, HI
Enhanced Overwatch/Flag Briefer Oct 2012 – Mar 2014

USS VELLA GULF, U.S. Navy Norfolk, VA
Fire Control Officer Mar 2011 – Sep 2012

USS NITZE, U.S. Navy Norfolk, VA
Navigator/Anti-Submarine Warfare Officer Jun 2008 – Dec 2010

SKILLS

Programming: Proficient with MATLAB; familiar with Python and E-Prime

Statistics: Proficient with R, SAS, and Excel; familiar with SPSS

Methods: Behavioral and eye tracking studies of non-clinical adult subjects; Qualtrics-based Amazon Mechanical Turk studies

Participant Interaction: Extensive recruitment, instruction, observation and debriefing

Presentations: Experience with formal and informal presentation of research projects and results

PROFESSIONAL DEVELOPMENT

Exploratory Data Analysis – Coursera (Johns Hopkins Univ)	Feb 2015
R Programming – Coursera (Johns Hopkins Univ)	Jan 2015
Statistical Analysis of fMRI Data – Coursera (Johns Hopkins Univ)	Feb 2014
Maritime Staff Operators Course	Sep 2012
Surface Warfare Officer School – Honor Graduate	Jun 2009

AWARDS & SCHOLARSHIPS

Navy & Marine Corps Commendation Medal – Sep 2012 & Jun 2014

Navy & Marine Corps Achievement Medal – May 2010 & Jun 2010

Naval Reserve Officer Training Corps National Scholarship – Sep 2004-May 2008, ~\$150,000

ORGANIZATIONS

Psychonomics Society - Member

Cognitive Neuroscience Society – Member

Association for Psychological Science – Member

Society for Neuroscience – Member