CURRICULUM VITAE

Ruojing Zhou

Aging & Cognition Research Group

German Center for Neurodegenerative Diseases (DZNE) - Magdeburg

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Education

2016   University in Alberta, Canada   PhD in Psychology

Dissertation title: From Scattering Dots to Cognitive Maps: Contributions
of visual features in localization and cognitive mapping

Advisor: Dr. Weimin Mou

2010   East China Normal University   BSc. in Psychology

Academic Work History

2016-   Post-doc researcher at the German Center for Neurodegenerative Diseases
(DZNE) – Magdeburg, Germany

Advisor: Dr. Thomas Wolbers

2011-2016   Teaching assistant at the Department of Psychology, University of Alberta,
Canada

Publications

Zhou, R., & Mou, W. (2016). The Limits of Boundaries: Unpacking Localization and Cognitive

      Mapping Relative to a Boundary. Accepted.

Zhou, R., & Mou, W. (2016). Superior Cognitive Mapping through Single-landmark-related

      Learning than through Boundary-related Learning. Journal of Experimental Psychology:

      Learning, Memory and Cognition, 42(8), 1316-1323.

Lubyk, D. M., Spetch, M. L., **Zhou, R.**, Pisklak, J. & Mou, W. (2013). Reorientation in

      diamond-shaped environments: Encoding of features and angles in enclosures versus

      arrays by adult humans and pigeons (Columbia livia). Animal Cognition, 16, 565-581.

Mou, W., Nankoo, J., **Zhou, R.**, & Spetch, M. L. (2013). Use of geometric properties for

      reorientation to remote cities: object arrays and extended surfaces. Journal of

      Experimental Psychology: Learning, Memory, and Cognition, 40, 476-491.

Mou, W. & **Zhou, R.** (2012). Defining a boundary in goal localization: infinite number of points

      or extended surfaces. Journal of Experimental Psychology: Learning, Memory and

      Cognition, 39, 115-1127.

Working Papers

Zhou, R., & Mou, W. (2016). Perceived relative stability modulates relative dominance of a

      boundary and a landmark array in goal localization. In Revision.

Zhou, R., & Mou, W. (2016). Global Shapes Guide Goal Localization. Manuscript in

      preparation.

Conference Presentation

Zhou, R., & Mou, W. (2016). The Limits of Boundaries: Unpacking Localization and Cognitive Mapping Relative to a Boundary. Space and Time in the Brain, December 7-8, Jerusalem, Israel.

Zhou, R., & Mou, W. (2016). Perceived relative stability modulates relative dominance of a boundary and a landmark array in goal localization. 1st Interdisciplinary Navigation Symposium, June 26-30, Bad Gastein, Austria.

Zhou, R., & Mou, W. (2016). When boundary-related learning is not incidental: Perceived stability modulates cue-selection process in goal localization. Banff Annual Seminar in Cognitive Science, April 29-30, Banff, Canada.

Zhou, R., & Mou, W. (2015). Hit and Miss in a Boundary: Unpacking Localization and Cognitive Mapping Relative to a Boundary. Psychonomic Society's 56th annual conference, November 19-22, Chicago, USA.

Zhou, R., & Mou, W. (2015). Worse cognitive mapping in a boundary: Uncertainty of spatial relations between reference points may hinder cognitive mapping. Banff Annual Seminar in Cognitive Science, May 1-2, Banff, Canada.

Zhou, R., & Mou, W. (2014). Connecting dots in a cognitive map: response learning leads to better knowledge of inter-location spatial relations. Psychonomic Society's 55th annual conference, November 20-23, Long Beach, USA.

Zhou, R., & Mou, W. (2014). Getting from A to B: How do we integrate spatial locations using different cues. Banff Annual Seminar in Cognitive Science, May 2-3, Banff, Canada.

Zhou, R., & Mou, W. (2013). Boundary Enclosures Guide Goal Localization. Conference On Spatial Information Theory, Sep. 2-6, Scarborough, UK.

Zhou, R., & Mou, W. (2013). What does environment shape tell us: goal localization and environment configuration. Banff Annual Seminar in Cognitive Science, May 4-5, Banff, Canada.

Mou, W., & **Zhou, R.** (2012). Defining a boundary in goal localization: infinite number of points or extended surfaces. Psychonomic Society's 53rd annual conference, Nov. 15-18, Minneapolis, MN.

Zhou, R., & Mou, W. (2012). Breaking the dichotomy: A discrete object array can also help from a boundary-like representation. 26th Annual Joseph R. Royce Research Conference, Edmonton, Canada.

Teaching Experience

    2015.07 - 2015.08   Course Instructor for Cognitive Psychology at University of Alberta

Professional skills

    SPSS

    Worldviz Vizard (python)

    Basic Matlab

Honors and Awards

2015	The FGSR Travel Award from the Faculty of Graduate Studies and Research, University of Alberta
2015	Graduate Students' Association Professional Development Award, University of Alberta
2015	The Douglas Grant Travel Award from Department of Psychology, University of Alberta
2013	The W. Frank Epling Graduate Travel Award from Department of Psychology, University of Alberta
2011	University of Alberta Doctoral Scholarship
2008-2009	East China Normal University Third Prize for Outstanding Student Scholarship
2007-2008	East China Normal University Third Prize for Outstanding Student Scholarship
2006-2007	East China Normal University Second Prize for Outstanding Student Scholarship

Administrative Activities

2014-2015	Coordinator of Cognition Seminar at Department of Psychology, University of Alberta
2014-2015	Department Councilor at Graduate Student Association, University of Alberta

2013-2014   VP Internal/External, The University of Alberta Graduate Psychology Association,

                 Department of Psychology, University of Alberta

2012-2013   Committee member, 27th Annual Joseph R. Royce Research Conference,

                 Department of Psychology, University of Alberta

2011-2012   Committee member, Psychoquium, Department of Psychology, University of

                 Alberta