

BIOGRAPHICAL SKETCH

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NAME: Wan, Quan

POSITION TITLE: Ph.D. Student

EDUCATION/TRAINING:

INSTITUTION	DEGREE (if applicable)	Start Date MM/YYYY	Completion Date MM/YYYY	FIELD OF STUDY
University of Wisconsin-Madison	Ph.D. Candidate	08/2017		Psychology
University of Pennsylvania	Postbaccalaureate	01/2016	05/2016	Neuroscience
University College London	Study abroad	01/2013	06/2013	Psychology
Hamilton College	B.A.	01/2010	05/2014	Psychology
China University of Geosciences, Beijing	Attended & transferred from	09/2007	06/2009	Geophysics

Professional Training and Workshops

2020	Brains, Minds and Machines (BMM) Summer Course, Center for Brains, Minds and Machines, MIT, <i>Virtual</i>
2020	Neuromatch Academy (NMA; online school for Computational Neuroscience), Interactive track, <i>Virtual</i>
2019	Computational and Cognitive Neuroscience Summer School (CCNSS), Cold Spring Harbor Asia, Suzhou, China

Positions and Employment

2015-2017	Research Specialist, Laboratory for Cognition and Neural Stimulation, Department of Neurology, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA (Advisor: Roy H. Hamilton)
2014-2015	Technical Assistant/Lab Manager, MollyLab, Department of Brain and Cognitive Sciences, MIT, Cambridge, MA (Advisor: Mary C. Potter)
2012	Research Assistant, Psycholinguistics Lab, Department of Psychology, Tufts University, Medford, MA (Advisor: Ariel M. Goldberg)
2012	Research Assistant, Language, Action & Brain Lab, Department of Psychology, Hamilton College, Clinton, NY (Advisor: Jeremy I. Skipper)

Honors

2014	Phi Beta Kappa, Hamilton College, Clinton, NY
2014	The Jonathan Marder Prize (Psychology Honors), Hamilton College, Clinton, NY
2013	Psi Chi, Hamilton College, Clinton, NY
2008	Chinese National Scholarship, China University of Geosciences, Beijing, China

Publications

Wan, Q., Cai, Y., Samaha, J., Postle, B.R. (2020). Tracking stimulus representation across a 2-back visual working memory task. *Royal Society Open Science*.

Symposium Talks

Wan, Q., Menendez, J.A., Postle, B.R. Understanding transformations between differentially prioritized representations in visual working memory using demixed PCA. Neuromatch 3.0 Conference, October 2020, *Virtual*

Wan, Q., Cai, Y., Samaha, J., Postle, B.R. Rotational remapping between “decision-potent” and “decision-null” representations in visual working memory. Visual Working Memory Symposium, June 2020, *Virtual*

Wan, Q., Cai, Y., Samaha, J., Rogers, T.T., Postle, B.R. Rotational Remapping as a candidate mechanism for priority-based recoding in visual working memory: empirical and computational evidence. Society for Neuroscience Annual Meeting, October 2019, Chicago, IL

Potter, M.C., **Wan, Q.**, Haggmann, C.E. Temporal yoking in detection of pictured scenes. Psychonomic Society Annual Meeting, November 2015, Chicago, IL

Poster Presentations

Wan, Q., Cai, Y., Samaha, J., Postle, B.R. Rotational remapping between “decision-potent” and “decision-null” representations in visual working memory. Cognitive Neuroscience Society Annual Meeting, March 2020, *Virtual*

Wan, Q., Cai, Y., Samaha, J., Postle, B.R. Tracking stimulus representation across a 2-back visual working memory task. Society for Neuroscience Annual Meeting, November 2018, San Diego, CA

Wan, Q., Chrysikou, E.G., Mechanic-Hamilton, D., Yaden, D., Thompson-Schill, S.L., Hamilton, R. A standardized neuropsychological test for creativity based on the Alternative Uses Task. Association for Psychological Science Annual Convention, May 2017, Boston, MA

Chrysikou, E.G., **Wan, Q.**, Mechanic-Hamilton, D.J., Yaden, D.B., Thompson-Schill, S.L., Hamilton, R.H. Developing a standardized test for creativity based on the Alternative Uses Task. 3rd Meeting of the Society of the Neuroscience of Creativity, March 2017, San Francisco, CA

Wan, Q., Baker, W.B., Yaden, D., Wang, L., Wong, M., Parthasarathy, A.B., Abramson, K., Yodh, A.G., Hamilton, R. Concurrent stimulation and measurement: noninvasive monitoring of cerebral blood flow and cerebral oxygen metabolism with near-infrared light during transcranial direct current stimulation. NYC Neuromodulation Conference, January 2017, New York, NY

Potter, M.C., Haggmann, C.E., **Wan, Q.** Temporal yoking in target detection. Vision Sciences Society Annual Meeting, May 2015, Tampa, FL

Teaching and Mentorship

2019 Teaching Assistant, Psychology 414: Cognitive Psychology, UW-Madison

Professional Memberships

2019-Present Student Member, Cognitive Neuroscience Society

2018-Present Student Member, Society for Neuroscience

2015 Member, Vision Sciences Society

2014-2015 Member, Society for Music Perception & Cognition

Other Work Experience

2012-2014 Circulation Assistant, Music Library, Hamilton College, Clinton, NY

2011-2014 Computer Lab Inspector, Information Technology Services, Hamilton College, Clinton, NY

2011-2014 Chinese Tutor, Peer Tutoring Center, Hamilton College, Clinton, NY

2011 Intern, Time Out Magazine (Beijing), Beijing, China

2011 Intern, Los Angeles Times (Beijing), Beijing, China

2008 Volunteer, Olympic Family Information Desk, 2008 Beijing Olympic Games, Beijing, China

2007-2011 Home Tutor, Diplomatic Residence Compound, Beijing, China