

WANJIA GUO

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Education:

- 09/2018–Present Graduate Student, Psychology (Cognitive Neuroscience), University of Oregon
Advisor: **Brice Kuhl**
- 08/2012–08/2016 B.S., Neurobiology & Psychology with honors, University of Wisconsin-Madison
Advisor: **Bradley Postle**

Research Experience:

- 10/2017–08/2018 Research Assistant, Mormino Lab
Neurology Department, Stanford University, PI: **Elizabeth Mormino**
- 10/2016–08/2018 Research Assistant, Stanford Memory Lab
Psychology Department, Stanford University, PI: **Anthony Wagner**
- 01/2015–08/2016 Undergraduate Research Assistant, PostLab
Departments of Psychology and Psychiatry, UW-Madison, PI: **Bradley Postle**
- 04/2014–08/2016 Undergraduate Research Assistant, Wisconsin National Primate Research Center
Department of Pediatrics, UW-Madison, PI: **Ei Terasawa**

Publications:

Jiang, J., Wang, S. F., **Guo, W.**, & Wagner, A. D. (in preparation). Proactive control in context: Context-cued predictions of task demands facilitate perceptual decisions in virtual environments.

Conference Presentations:

Harrison, M., Bernstein, J., Carr, V.A., Corsol, N., Deutsch, G., Fredericks, C., Guerin, S., **Guo, W.**, Hunt, M., Jayakumar, M., Jiang, J., Kerchner, G., Khazenzon, A., Litovsky, C., Mormino, E. C., Nadiadwala, A., Sha, S., Tanner, N., Thieu, M., Trelle, A.N., Wagner, A. D. (2019). Individual differences in neural pattern similarity during encoding relate to memory performance in putatively healthy older adults. *Dallas Aging and Cognition Conference*, Dallas, TX.

Trelle, A.N., Bernstein, J., Carr, V.A., Corsol, N., Deutsch, G., Fredericks, C., Guerin, S., **Guo, W.**, Harrison, M., Hunt, M., Jayakumar, M., Jiang, J., Kerchner, G., Khazenzon, A., Litovsky, C., Mormino, E. C., Nadiadwala, A., Sha, S., Tanner, N., Thieu, M., Wagner, A. D. (2019). Cortical differentiation, hippocampal integrity, and amyloid burden are linked to individual differences in episodic memory decline with age. *Dallas Aging and Cognition Conference*, Dallas, TX.

Mormino, E.C., **Guo, W.**, Nadiadwala, A., Hall, J., Trelle, A. N., Sha, S., Fredericks, C. A., Greicius, M. D., Srinivas, S. M., James, M. L., Zaharchuk, G., Wagner, A. D., Chin, F. T. (2018). Tau PET imaging with PI2620 in aging and Alzheimer's disease. *2018 annual meeting of the SfN*, San Diego, CA.

Jiang, J., Wang, S. F., **Guo, W.**, Wagner, A. (2018). Context-cued Predictions of Task Demands Facilitate Perceptual Decisions in Virtual Environments. *2018 annual meeting of the SfN*, San Diego, CA.

Mormino, E.C., Nadiadwala, A., Azevedo, C., **Guo, W.**, Hall, J., Trelle, A. N., Sha, S., Fredericks, C. A., Greicius, M. D., Srinivas, S. M., James, M. L., Zaharchuk, G., Wagner, A. D., Chin, F. T. (2018). Tau PET imaging with PI2620 in aging and Alzheimer's disease. *AAIC 2018*, Chicago, IL.

Trelle, A.N., Bernstein, J., Harrison, M., Carr, V.A., Fredericks, C., Guerin, S., **Guo, W.**, Jayakumar, M., Jiang, J., Kerchner, G., Khazenzon, A., Litovsky, C., Mormino, E. C., Nadiadwala, A., Sha, S., Tanner, N., Thieu, M., Wagner, A. D. (2018). The Contribution of Early Alzheimer's Disease Markers to Individual Differences in Episodic Memory in Cognitively Normal Older Adults. *AAIC 2018*, Chicago, IL.

Trelle, A., Carr, V. A., Guerin, S., **Guo, W.**, Harrison, M. B., Jayakumar, M., Jiang, J., Kerchner, G., Mormino, E. C., Tanner, N., Thieu, M., & Wagner, A.D. (2018). Parietal and occipitotemporal cortical reinstatement differentially predict successful associative memory retrieval in older adults. *Annual Meeting of the Cognitive Neuroscience Society*, Boston, MA.

Trelle, A.N., Bernstein, J., Carr, V.A., Fredericks, C., Guerin, S., **Guo, W.**, Jayakumar, M., Jiang, J., Kerchner, G., Khazenzon, A., Litovsky, C., Sha, S., Thieu, M., Wagner, A. D. (2018). Cortical representations during memory encoding and retrieval predict successful associative memory retrieval in healthy older adults. *International Conference on Learning & Memory at UC Irvine*, Huntington Beach, CA.

Trelle, A.N., Bernstein, J., Carr, V.A., Fredericks, C., Guerin, S., **Guo, W.**, Jayakumar, M., Jiang, J., Kerchner, G., Khazenzon, A., Litovsky, C., Sha, S., Thieu, M., Wagner, A. D. (2017). Cortical and hippocampal predictors of individual differences in episodic memory in putatively healthy older adults. *2017 annual meeting of the SfN*, Washington DC.

Guo, W., Kenealy, B., Terasawa, E. (2016). The role of MKRN3 in puberty: use of a high molecular cut off microdialysis probe. *Undergraduate Symposium*, University of Wisconsin-Madison, WI.

Guo, W., Kenealy, B., Terasawa, E. (2015). The possible relationship among GnRH, MKRN3, and puberty. *Undergraduate Symposium*, University of Wisconsin-Madison, WI.

Awards and Honors:

2018	Promising Scholar Award
2016	Undergraduate Research Scholar Award