EMALIE MCMAHON

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EDUCATION

Johns Hopkins University, *Baltimore, MD*   2019-*current*
PhD candidate in Cognitive Science
Advisors: Leyla Isik and Michael Bonner

University of Tennessee, *Knoxville, TN*   2013-2017
B.A. in Honors Neuroscience

PUBLICATIONS

McMahon, E. & Isik, L. (2023). Seeing social interactions. *Trends in Cognitive Science.* doi: 10.1016/j.tics.2023.09.001

McMahon, E., Bonner, M. F., & Isik, L. (2023). Hierarchical organization of social action features along the lateral visual pathway. *Current Biology.* doi: 10.1016/j.cub.2023.10.015

McMahon, E., Kim, D., Mehr, S. A., Nakayama, K., Spelke, E., & Vaziri-Pashkam, M. (2020). The ability to predict actions of others from distributed cues is still developing in six- to eight-year-old children. *Journal of Vision*, 21(5): 14, 1–11. doi: 10.1167/19.7.16

Lam, K. C., Pereira, F., Vaziri-Pashkam, M., Woodard, K., & **McMahon, E.** (2020, June 22). Understanding Object Affordances Through Verb Usage Patterns. arXiv: 2007.04245v1.

McMahon, E., Zheng, C. Y., Pereira, F., Gonzalez, R., Ungerleider, L.G. & Vaziri-Pashkam, M. (2019) Subtle predictive movements reveal actions regardless of social context. *Journal of Vision*, 19(7): 1-16. doi: 10.1167/19.7.16

Corbetta, D., Wiener, R. F., Thurman, S. L., & **McMahon, E.** (2018). The Embodied Origins of Infant Reaching: Implications for the Emergence of Eye-Hand Coordination. *Kinesiology Review*, 7: 10-17. doi: 10.1123/kr.2017-0052

INVITED TALKS

Johns Hopkins University, Lab of Christopher Krupenye	March 2023
Massachusetts Institute of Technology, Lab of Nancy Kanwisher	July 2022
Johns Hopkins University, Lab of Marina Bedny	April 2022

AWARDS

National Eye Institute Early Career Travel Grant	2023
National Science Foundation Graduate Research Fellowship	2019-2022
Cognitive Computational Neuroscience Student Travel Award	2018
National Institutes of Health Research Training Award	2017-2019
University of Tennessee Neuroscience Outstanding Graduate	2017
University of Tennessee Chancellor's Honors Scholarship	2013-2017

ORAL CONFERENCE PRESENTATIONS	**McMahon, E.**, Abel, T., Gonzalez-Martinez, J., Bonner, M.F., Ghuman, A., & Isik, L. The spatiotemporal dynamics of social scene perception in the human brain. *Vision Science Society*; May 19 - 24, 2023; St. Petersburg, FL.
	McMahon, E., Gonzalez, R., Nakayama, K., Ungerleider, L.G., & Vaziri-Pashkam, M. Understanding Action Prediction with Machine Learning and Psychophysics. *Conference on Cognitive Computational Neuroscience*; Sept. 5 – 8, 2018; Philadelphia, PA. link
POSTER CONFERENCE PRESENTATIONS	**McMahon, E.**, Bonner, M. F., & Isik, L. Hierarchical representations of naturalistic social interactions in the lateral visual pathway. *Conference on Cognitive Computational Neuroscience*; August 25 - 28, 2022; San Francisco, CA.
	McMahon, E., Bonner, M. F., & Isik, L. Naturalistic two-person social perception in the brain. *Vision Science Society*; May 13 - 18, 2022; St. Petersburg, FL.
	McMahon, E., Bonner, M. F., & Isik, L. A large-scale, naturalistic dataset of two-person social actions. *Vision Science Society*; May 21 - 26, 2021; Virtual.
	Vaziri-Pashkam, M., Woodward, K., **McMahon, E.**, & Ungerleider, L.G. Representations for Grasp Relevant Parts of Objects in the Human Intraparietal Sulcus. *Vision Science Society*; June 19 - 24, 2020; Virtual.
	Woodward, K., **McMahon, E.**, Ungerleider, L.G., & Vaziri-Pashkam, M. Similarity of objects based on the way they are grasped. *Vision Science Society*; June 19 - 24, 2020; Virtual.
	McMahon, E., Zheng, C. Y., Pereira, F., Gonzalez, R., Ungerleider, L.G., & Vaziri-Pashkam, M. Humans and Machine Learning Classifiers Can Predict the Goal of an Action Regardless of Social Motivations of the Actor. *Vision Science Society*; May 17 - 22, 2019; St. Petersburg, FL.
	McMahon, E., Zheng, C. Y., Pereira, F., Gonzalez, R., Ungerleider, L.G., & Vaziri-Pashkam, M. Exploring Predictive Information in Action with Psychophysics and Machine Learning. *Society for Neuroscience*; Nov. 3 - 7, 2018; San Diego, CA.
	McMahon, E., Wiener, R., DiMercurio, A., Connell, J., & Corbetta, D. An Analysis of Prospective Reaching in 9-Month-Old Infants Using Eye-Tracking. *North American Society for Psychology of Sport and Physical Activity*; June 4 – 7, 2017; San Diego, CA.
TEACHING	Cognitive Science Fiction Jan 2023 Broad intro to CogSci through sci-fi media
SERVICE	Cognitive Science Diversity and Representation Committee 2020-*current* JHU Graduate Representation Organization 2020-2022