Curriculum Vitae

Joshua William Pollock

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Massillon, OH 44646 Phone: 330-936-2113

**Degrees:**

Ph.D. 2014 The University of Akron. Adult Development and Aging

M.A. 2011 The University of Akron, Adult Development and Aging

B.A. 2008 The University of Akron, Psychology

**Academic Employment:**

2017-Present Assistant Professor, Kent State University

2014-Present Electrophysiological Neuroscience Laboratory of Kent (ENLoK) Co-Director

2014-2017 Post-Doctoral Researcher, Kent State University

2009-2014 EEG Laboratory Coordinator, The University of Akron

2008-2009 Student Research Assistant, The University of Akron

**Research and Teaching Interests:**

Neuropsychology, neurosociology, social psychology, gerontology, electroencephalography (EEG), quantitative methods, advanced statistical modeling, programming

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| **RESEARCH** |

**Funding:**

Funded Federal/Foundation Proposals

Kalkhoff, Will (PI) and Joshua Pollock (Co-PI). “Can The Last Maestro Reduce Stress and Aggressive Behavior Elicited by the Enactment of Simulated Violence?” Maestro Games, SPC. Funded at $103,565 for the period April 1, 2022-December 31,2023.

Kalkhoff, Will (PI) and Joshua Pollock (Co-PI). “Evaluating the Comparative Effectiveness of the MILO Range Simulation Training System.” FAAC Incorporated, DBA MILO-LVC. Funded at $48,748 for the period October 15, 2021-October 15, 2022.

Pollock, Josh (PI) and Will Kalkhoff (co-PI). “Teamwork and Decision-Making Under Threat: Implementing an Immersive Virtual Reality Environment.”  Funded at $72,871.52 through The Defense University Research Instrumentation Program (DURIP).

Van Vugt, Marieke (PI) and Josh Pollock (co-PI). “Discovering the Significant of Inter-Brain Synchronization in Social Cognition and Trust.” Air Force Office of Scientific Research. Proposal No. FA9550-18-1-0041. Funded at $184,899 for the period November 1, 2017- November 1, 2019.

Kalkhoff, Will (PI) and Josh Pollock (co-PI). "Team Perception & Performance Under Threat." Department of the Army, U.S. Army Research, Development and Engineering Command, Army Research Office. Proposal No. 69810-LS. Funded at $360,000 for the period September 1, 2017 - August 31, 2020.

Key Personnel. With Will Kalkhoff (PI) and David Melamed (Co-PI). Collaborative proposal between Kent State University and the Ohio State University: “The Neurodynamics of Social Status.” Department of the Army, U.S. Army Research, Development and Engineering Command, Army Research Office. Proposal No. 67034- LS. Funded at $182,655 for the period May 1, 2015-December 1, 2016.

Funded Internal/Seed Grants

David Fresco (PI) and Josh Pollock (co-PI). “Investigating neurophysiological synchrony in monastic debate in Tibetan monastics in India”. The Hershey Foundation. Funded at $25,000 for the period December 1, 2015 – December 1, 2018.

Josh Pollock (PI) and Philip Allen (co-PI). “Investigating electrophysiological effects of Chiari Malformation Type I”. Conquering Chiari. Funded at $7,000 for the period June 2013 – June 2014.

**Published Works:**

Articles and Chapters

Kalkhoff, Will., Pollock, J., Pfeiffer, M., Chopko, B. A., Palmieri, P. A., Lewis, M. T. Sidoti, J., Burrill, D. Overton, J. & Sigelmier, G. (2022). The Effects of Camera Monitoring on Police Officer Performance in Critical Incident Situations: a MILO Range Simulator Study. *Journal of Police and Criminal Psychology*, 1-18.

Kalkhoff, Will, Richard T. Serpe, and Joshua Pollock. (2020). Is Video Chat a Sufficient Proxy for Face to-Face Interaction? Neurosociological Reflections on the COVID-19 Pandemic. Forthcoming in *This View of Life: Sociology and Evolutionary Sciences in Light of the Pandemic*, edited by R. Firat, D.S. Wilson, and E.M. Johnson.

Kalkhoff, Will, Melamed, D., Pollock, J., Miller, B., Overton, J., & Pfeiffer, M. (2020). Cracking the Black Box: Capturing the Role of Expectation States in Status Processes. *Social Psychology Quarterly* 83:26-48.

Miller, B. J., Kalkhoff, W., Pollock, J., & Pfeiffer, M. A. (2019). Persistent Identity Threats: Emotional and Neurological Responses. *Social Psychology Quarterly*, 82(1), 98-111.

van Vugt, M. K., Moye, A., Pollock, J., Johnson, B., Bonn-Miller, M. O., Gyatso, K., ... Fresco, D. M. (2019). Tibetan Buddhist monastic debate: Psychological and neuroscientific analysis of a reasoning-based analytical meditation practice. In Imagining the Brain: Episodes in the History of Brain Research (Progress in brain research). Elsevier.

Houston, J., Pollock, J. W., Lien, M-C, & Allen, P. (2018). Emotional arousal deficit or emotional regulation bias? An electrophysiological study of age-related differences in emotion perception. *Experimental Aging Research.*

Kalkhoff, W., Thye, S. R., & Pollock, J. (2016). Developments in neurosociology. *Sociology Compass*, 310(3), 242-58.

Kalkhoff, Will, Richard T. Serpe, Joshua Pollock, Brennan Miller, and Matthew Pfeiffer. (2016). “Neural-Processing of Identity-Relevant Feedback: An Electroencephalographic Study.” Pp. 195-238 in New Directions in Identity Theory and Research, edited by Jan E. Stets and Richard T. Serpe. New York, NY: Oxford University Press.

Pollock, J. & Allen, P. (2015). Information Processing Theory. In S. K. Whitbourne (Ed.). The Encyclopedia of Adulthood and Aging.

Allen, P., Houston, J., Pollock. J. W., Buzzelli, C., Li, X., Harrington, A., Martin, B., Loth, F., Lien, M-C., Maleki, J., & Luciano, M. (2014). Task-Specific and General Cognitive Effects in Chiari Malformation Type I. *PLoS ONE* 9(4).

Pollock, J. W., Khoja, N., Kaut, K. P., Lien, M., & Allen, P. (2012). Electrophysiological evidence for adult age- related sparing and decrements in emotion perception and attention. *Frontiers in Integrative Neuroscience*, 6:60.

Presentations

Kalkhoff, Will, Joshua Pollock, Brennan Miller, and Matthew Pfeiffer. 2018. "Electrophysiological Manifestations of Distress and Eustress." Annual Meetings of the American Sociological Association, Philadelphia, PA.

Kalkhoff, Will, David Melamed, Joshua Pollock, Matthew Pfeiffer, Brennan Miller, and Jonathan Overton. 2017. “The Neurodynamics of Social Status.” 29th Annual Group Processes Conference, Montreal, Quebec, Canada.

Kalkhoff, Will, Shane R. Thye, Edward J. Lawler, Joshua Pollock, Brennan Miller, Matthew Pfeiffer, and Dudley Girard. 2015. “Affect, Behavior, and Brain Coordination in Social Exchange.” 27th Annual Group Processes Conference, Chicago, IL.

Invited Talks

Kalkhoff, Will, Richard T. Serpe, and Joshua Pollock. This View of Life Discussion Forum on “Evolutionary Science and Sociology: A New Beginning.” Panel session on “Neuroscience, Emotions, and Virtual Social Connections” February 2021.

Pollock, Joshua, Bund, G., & Bevilacqua, T. “An Inside Look: How Kent State’s VR Lab Came Together.” November 2020.

Kalkhoff, Will and Joshua Pollock. 2020. "Team Perception & Performance Under Threat." Army Research Office, Life Sciences Division, Monthly Program Review/Seminar Series on Innovations in Bioscience Sensing & Signaling.

Pollock, Joshua. "The Electrophysiological Neuroscience Laboratory of Kent (ENLoK): Past, Present, and Future". December 2019. BHRI Seminar Series. Kent State University.

Kalkhoff, Will, Joshua Pollock, Brennan Miller and Matthew Pfeiffer. 2018. "Electrophysiological Manifestations of Distress and Eustress." Annual Meetings of the American Sociological Association, Philadelphia, Pennsylvania.

**Research in Progress:**

Porter, Lauren, Brian D. Johnson, Will Kalkhoff, and Joshua Pollock. “Racial Stereotypes, Neuropsychological Resources, and Criminal Punishment.” (Analyzing data.)

Webel, Allison, and Joshua Pollock. “Flanker Task in a clinical population”. (Analyzing Data).

Kalkhoff, Will, Joshua Pollock, and Christopher Moore. “Team Perception and Performance Under Threat in Virtual Environments”

Pollock, Joshua, Will Kalkhoff, Matthew Pfeiffer, and Brennan Miller. “Inter-brain synchronization in fearful responses in threatening simulations”. Proposal in prep.

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| **Teaching/Mentoring** |

**Courses Taught:**

Advanced Data Analysis, 2021

Multivariate Techniques, 2020-2021

Research Methods, 2017-2019

Quantitative Methods in Psychology I, 2015-2018

Cognitive Processes (Psychology 345), 2013, (The University of Akron)

Developmental Psychology (Psychology 230), 2012, (The University of Akron)

Quantitative Methods in Psychology (Psychology 110), 2011-2012, (The University of Akron)

Introduction to Psychology (Psychology 100), 2009-2011, (The University of Akron)

**Seminars:**

Advanced Statistical Modeling

Basic Programming and Experimental Design

**Mentoring:**

Students Supervised

Campana, Charles. KSU student. Assisted with the collection, processing, and analysis of EEG data for his Honors thesis.

Lackner, Ryan. KSU M.A. student. Assisted with the data analysis and organization of the meta-analysis for his Dissertation.

Miller, Brennan. KSU M.A. student. Assisted with the collection, processing, and analysis of EEG data for his M.A. thesis.

Pfeiffer, Matthew, KSU M.A. student. Assisted with the collection, processing, and analysis of EEG data for his M.A. thesis.

Reynolds, Victoria, KSU M.A. student. Assisted with the collection, processing, and analysis of EEG data for her M.A. thesis.

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| **SERVICE** |

**Professional Service**

Reviewing

*Journal of Cognitive Psychology*

*PLOS One*

Theses Directing

Graem Sigelmier, 2022

Theses Served on

Chloe Miller, 2022

Michelle Fretwell, 2020

Dissertations served on

Peter Gates, 2021

Ryan Lackner, 2018

Consulting

SMART Center, Case Western Reserve

The University of Akron EEG Lab

Organizations

Brain Health Research Initiative (BHRI) member

NRPAH (Neurocognitive Research Program for the Advancement of the Humanities) Contributor

MAC (Monastic Analytic Collaborative) Co-Founder