CURRICULUM VITAE

WILLIAM D. KISTLER, MA

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EDUCATION

2023	PhD, Neuroscience, University College London, London, U.K.
2012	M.A., Communications, American University, Washington DC, U.S.
2007	B.S., Psychology, University of Maryland, College Park MD, U.S.

RESEARCH EXPERIENCE

2019-Present	Fellow, Human Cortical Physiology and Neurorehabilitation Section, NIH, Bethesda, MD
2015-2018	Lab Manager, Immersive Virtual Environment Testing Area, NIH, Bethesda, MD
2015-2018	Volunteer, Functional Applied Biomechanics Lab, NIH, Bethesda, MD
2013-2014	Technician, Psychophysics Lab, American University, Washington, DC
2011-2012	Assistant, Center for Behavioral Neuroscience, American University, Washington, DC
2007-2009	Post-Baccalaureate IRTA Fellow, National Institute on Aging, NIH, Rockville, MD
2005-2007	Assistant, Child Development Laboratory, University of Maryland, College Park, MD
2005-2007	Assistant, Motor Development Research Group, University of Maryland, College Park, MD

TEACHING & MENTORSHIP EXPERIENCE

TEACHING

Spring 2012	Cognitive Neuroscience, American University – Teaching Assistant
Spring 2007	Developmental Biopsychology, University of Maryland – Teaching Assistant

MENTORSHIPS

Summer 2017	Summer Internship Program in Biomedical Research (SIP) Benjamin Shapiro (Biomechanics)

HONORS & DISTINCTIONS

2018	G.R.E.A.T. Award, National Human Genome Research Institute, NIH
2016	Distinguished Achievement Award, National Human Genome Research Institute, NIH

2012	Graduate Research Fellowship Award, American University
2012	Graduate Division Travel Award, American University
2012	Dean's Outstanding Achievement Award for work completed on the thesis presentation, "Make-Believe: How media is made to matter", American University
2012	2nd Place in the Best Illusion of the Year Contest, Vision Science Society
2011	Outstanding Scholarship at the Graduate Level Award, American University
2010-2012	American University Dean's Academic List
2007	Cum Laude, University of Maryland
2003-2007	University of Maryland Semester Academic Honors

PROFESSIONAL MEMBERSHIPS

2013- present	Society for Neuroscience (SFN)
2013-present	Institute of Electrical and Electronics Engineers (IEEE)
2013-2015	Society for Cinema and Media Studies (SCMS)
2012-2015	Association for the Advancement of Affective Computing (AAAC)
2011-2015	Vision Science Society (VSS)
2011-2013	Cognitive Neuroscience Society (CNS)

PRESENTATIONS

ORAL PRESENTATIONS

Kistler W, Xiao B. (2015). Perceptual dimensions of material properties of fabrics in dynamic scenes. Vision Science Society, St. Pete Beach, FL.

Kistler W, Shapiro A, Rose-Henig A. (2014). Separating motion responses in human vision. European Conference on Visual Perception, Belgrade, Serbia.

Kistler W, Engel L, Stogner M. (2012). Make believe: how media is made to matter. American University, Washington, DC.

POSTER PRESENTATIONS

Kistler, W., Goldsmith, D., Brennan, P. (2019). Virtual Reality: Exploring Methods to Improve Dietary Choices. American Medical Informatics Association.

Persky S, **Kistler W**. (2017). Virtual reality in healthcare communication research (and practice). International Conference on Communication in Healthcare, Baltimore, MD.

Kistler W, Persky S, Bouhlal S, Sypher A. (2015). The Immersive Virtual Environment Testing Area: a virtual tour. National Institutes of Health, National Human Genome Research Institute, Social Behavioral Research Branch Quadrennial Review, Bethesda, MD.

Kistler W, Shapiro A. (2014). Facial-feature changes are hard to track in the color wagon-wheel illusion. Vision Science Society, St. Pete Beach, FL.

Kistler W, Shapiro A, Rose-Henig A. (2014). Hypocycloid variations and apparent motion. Vision Science Society, St. Pete Beach, FL.

Kistler W, Xiao B. (2014). Perceptual dimensions of material properties in dynamic scenes. European Conference on Visual Perception, Belgrade, Serbia.

Kistler W. (2013). Im/Material: Human vision and the digital concern. Society for Cinema and Media Studies, Chicago, IL.

Shapiro A, **Kistler W**, Flynn O. (2013). Contrast-contrast asynchrony effects in human vision. Vision Science Society, Naples, FL.

Shapiro A, **Kistler W**, Rose-Henig A. (2012). The color wagon wheel. Vision Science Society, Naples, FL.

PUBLICATIONS

JOURNAL ABSTRACTS

Xiao, B., **Kistler, W**. (2015). Perceptual dimensions of material properties of fabrics in dynamic scenes. *Journal of Vision*, *15*(12), 938.

JOURNAL ARTICLES

Kistler, W.*, Mangalmurti, A.*, Quarrie, B., Sharp, W., Persky, S., Shaw, P. (2020). Using virtual reality to define the mechanisms that link symptoms to cognitive deficits in attention deficit hyperactivity disorder. *Scientific Reports*. https://doi.org/10.1038/s41598-019-56936-4

Yaremych H. E., **Kistler W.**, Trivedi N., Persky S. (2019). Path Tortuosity in Virtual Reality: A Novel Approach for Quantifying Behavioral Process in a Food Choice Context. *Cyberpsychology, Behavior, and Social Networking*. https://doi.org/10.1089/cyber.2018.0644

Persky S., Ferrer R., Klein W., Goldring M. R., Cohen R., **Kistler W**., Yaremych H. E., Bouhlal S. (2018). Effects of Fruit and Vegetable Feeding Messages on Mothers and Fathers: Interactions Between Emotional State and Health Message Framing. *Annals of Behavioural Medicine*. https://doi.org/10.1093/abm/kay088

Persky, S., Goldring, M., Turner, S., Cohen, R., **Kistler, W**. (2018). Validity of Assessing Child Feeding with Virtual Reality. *Appetite*. https://doi.org/10.1016/j.appet.2017.12.007

Persky, S., **Kistler, W.,** Klein, W., Ferrer, R. (2018). Internet versus Virtual Reality Settings for Genomics Information Provision. In revision. *Cyberpsychology, Behavior, and Social Networking*. http://doi.org/10.1089/cyber.2017.0453.

BOOK CHAPTERS

Kistler, W. (2016). "Color Wagon-Wheel Illusion." *The Oxford Compendium of Visual Illusions*. Ed. Arthur Shapiro, Ed. Dejan Todorovic. Oxford: Oxford University Press, 2016. 548-555. Print.

PATENTS

Kistler, W. A composite ellipsoidal device facilitating one or more manual therapies and the control of a computer monitor. Filed November 20, 2017. Patent Pending.