

Dr. Jean Vettel



Jean Vettel, PhD, earned an MSc and PhD in Cognitive Neuroscience from Brown University in 2008 and 2009 respectively, funded by an NSF Graduate Fellowship (2004-2007) and a DoD SMART Fellowship (2007-2009). She has an MA in Exercise Science from California University of PA (2008) and a BA in Professional Writing and Design from Carnegie Mellon University (2000). Between CMU and Brown, she managed a cognitive neuroscience laboratory and served as an MRI technician at Washington University in St. Louis. She has been a civilian neuroscientist for the Army since Sept 2009, appointed as adjunct faculty at University of California, Santa Barbara in 2014, and is a visiting scholar at

University of Pennsylvania since 2015. She currently leads the Brain Structure-Function Couplings research area in the Translational Neuroscience mission program of the U.S. Army Research Laboratory's Human Research and Engineering Directorate. Her research group examines when individual variability in structural and functional network connectivity can capture or predict fluctuations in task performance. The research identifies neural markers that can be incorporated into a brain computer interaction technology that can improve Soldier-System performance in complex, operational settings. Her specific research interests include multisensory integration, decision-making, driving, resilience, and concurrent-tasking. She also enjoys riding her bike to work, teaching group fitness classes, and volunteering with local animal rescue groups.