Dr. M. Windy McNerney is Research Health Specialist in the MIRECC the VA Palo Alto, and a Clinical Assistant Professor (Affiliated) at Psychiatry and Behavioral Sciences at Stanford School of Medicine. She earned her PhD from the University of Notre Dame, went on to a postdoctoral position and Lawrence Livermore National Laboratory (DOE), and then completed fellowship at the WRIISC program at the VA and Stanford University.

Dr. McNerney is primarily interested in the neurophysiology and biochemistry of brain and mental health diseases, especially degenerative diseases, depression, TBI, PTSD, and addiction. She is collaborating with researchers to integrate brain imaging and biochemical markers in hopes to better understand these diseases. She also is taking a lead role in investigating the biochemistry of magnetic brain stimulation. She is currently teaching two classes at Stanford, entitled “Addictions in Our World: From Physiology to Human Behavior,” and “The Opioid Epidemic: Using Neuroscience to Inform Policy and Law”, which discuss the societal implications of addiction from a neurophysiological prospective.

Selected Publications:


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