



## Maheen Mausooof Adamson, Ph.D.

Dr. Maheen Mausooof Adamson is Senior Scientific Clinical Research Director at the Headache Center for Excellence in Rehabilitation Service, at the VA Palo Alto Health Care System and Clinical Associate Professor (Affiliated) in Neurosurgery at Stanford University School of Medicine.

As the Principal Investigator of the Adamson Lab, Dr. Adamson is striving to decipher the underlying factors associated with Traumatic Brain Injury (TBI), Alzheimer's disease, pain, depression, Post-Traumatic Stress Disorder (PTSD), and cognitive aging.

For patients with complex physical, neurological, and psychiatric health histories an accurate diagnosis is a critical first step in their recovery journey. As a global leader in neuroimaging, including magnetic resonance imaging (MRI) and diffusion tensor imaging (DTI), neuromodulation, and related biomarkers, Dr. Adamson is using her expertise to translate innovative diagnostic tools and treatments into clinical care. In addition, by partnering with various academic institutions, VHA and DOD the Adamson lab is developing and testing the efficacy of innovative treatments such as repetitive transcranial magnetic stimulation, virtual reality and, very recently, low-intensity focused ultrasound.

The Adamson lab has a strong commitment to bench to bedside translational research and rehabilitation. Dr. Adamson is a passionate advocate for health equality, accessibility to care, and minority groups where she continuously presents epidemiological research on gender differences in TBI to policy leaders.

### The Adamson Lab is involved in a range of studies for TBI and COVID-19:

- A non-invasive treatment (rTMS) to improve memory, attention, and focus following a head injury.
- A medication free treatment (rTMS) for seniors with a history of brain injury with poor memory and attention.
- Improving memory, attention, and focus for Veterans with a history of brain injury.
- A non-medication (rTMS) treatment for Gulf War Veterans with headaches and joint pain.
- Therapeutic ultrasound and hypnosis for the treatment of headaches in Veterans with brain injury.
- Creating a map of the brain to understand where impairments to memory and attention may be located.
- A telephone Survey to Understand the Psychological Stress Associated with COVID-19.

For additional information, to participate in research, or to support our research contact Srija Seenivasan on 469-600-6554 or email [abslabva@gmail.com](mailto:abslabva@gmail.com).