

Military Traumatic Brain Injury Initiative

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Dr. Bradley Dengler, an accomplished neurosurgeon and career Army officer, serves as the Director of the Military Traumatic Brain Injury Initiative (MTBI²) in Bethesda, Maryland. Dr. Dengler oversees the MTBI²'s robust, multidisciplinary traumatic brain injury (TBI) research portfolio and leads its strategic vision to improve the long-term outcomes of U.S. service members with TBI.

In addition to his MTBI² Directorship, Dr. Dengler is the Director of Neurotrauma/Neurocritical Care in the Division of Neurosurgery at the Walter Reed National Military Medical Center (WRNMMC), the Program Director of Neurological Surgery Residency in the National Capital Consortium, and the Neurosurgery Consultant to the Army Surgeon General. Dr. Dengler holds appointments as an Associate Professor of Surgery and Neurology within the Uniformed Services University of the Health Sciences.

Dr. Dengler specializes in neurocritical care, with a particular interest in treating patients with severe TBI. His additional interests include the

diagnosis and prediction of return-to-duty in service members with mild TBI, as well as methods to improve farforward TBI battlefield care.

Dr. Dengler has deployed twice in support of the Combined Joint Task Force Operation Inherent Resolve to Baghdad, Iraq where he served as the Chief of Neurosurgery. Prior to his 2017 assignment to WRNMMC, Dr. Dengler served as the 41st Fires Brigade Surgeon in the 1st Cavalry Division at Fort Hood, Texas.

Dr. Dengler is a 2005 graduate of the United States Military Academy at West Point and a 2009 graduate of the F. Edward Herbert School of Medicine at the Uniformed Services University of the Health Sciences where he earned his Doctor of Medicine. He completed his Neurosurgery Residency and Neurocritical Care Fellowship at University of Texas Health Science Center at San Antonio. He is a distinguished member of several professional associations, including the American Association of Neurological Surgeon (AANS) and Congress of Neurological Surgeons (CNS), the Society of Critical Care Medicine, Neurocritical Care Society, and the National Neurotrauma Society. In 2021, Dr. Dengler was nominated by his peers to represent military neurosurgery and interests at the national level through his role as President of the AANS/CNS Joint Military Sub-committee. Additionally, he was elected by his peers to serve as a member at large for the Society of Critical Care Medicine's Neuroscience Section and the Vice Chair of the United Council of Neurologic Subspecialties Neurocritical Care Exam Committee. Finally, he continues to serve as an advisor to multiple Department of Defense committees regarding TBI.

Dr. Dengler is a member of the Editorial Board of the *Journal of Neurology Research*. His work has been published in acclaimed peer-reviewed journals to include *Neurosurgery*, *Frontiers of Neurology*, and *World Neurosurgery*.