Building a Massey TBI Network

October 19, 2023
Junge Family Champions Center

This event was made possible thanks to the generous support of the Joyce and Don Massey Family Foundation.
WELCOME & OPENING REMARKS
Frederick Korley, MD, PhD
University of Michigan, Michigan Medicine

KEYNOTE: “Toward Improving Care for TBI - Lessons From Clinical Trials and Future Directions”
Susan Rowell, MD, MBA, MCR, FACS
University of Chicago

Story of a Survivor: “My Second Chance at Life”
Guy Boyd; Andrew Nguyen, MD
St. Joseph Mercy Hospital

BREAK

CURRENT MASSEY TBI RESEARCH
Nathan Haas, MD; Katharine Seagly, PhD
University of Michigan

COLLABORATING WITH INDUSTRY
Gene Parunak, PhD
in2being, LLC
Darío Villarreal, PhD
Toyota Way Forward Fund

LUNCH, STADIUM TOUR & GROUP PHOTO

REGIONAL LEADERS PANEL DISCUSSION
Topic: Building a Massey TBI Network
Robert Neumar, MD, PhD, University of Michigan
William Barsan, MD, University of Michigan
Brian J. O’Neill, MD, FACEP, FAHA, Wayne State University
Susan Rowell, MD, MBA, MCR, FACS, University of Chicago
Florian Schmitzberger, MD, MS, Hurley Medical Center
JB Phillips, MBA, PhD, PMP, US Department of Defense

NETWORKING & POSTER SESSION
Frederick Korley, MD, PhD
Dr. Korley is the Massey TBI Scientific Director as well as Professor and Associate Chair for Research in Emergency Medicine at U-M. His research is focused on the development of novel diagnostics and therapeutics for TBI, such as a credit card-sized microfluidic device for point-of-care measurement of TBI biofluid biomarkers.

Susan Rowell, MD, MBA, MCR, FACS
Dr. Rowell is Professor of Surgery, Trauma and Acute Care Surgery at the University of Chicago. She is also Director of the Surgical Intensive Care Unit and Surgical Critical Care Fellowship Program and is leading the development of a Neurotrauma Institute focused on penetrating brain injury.

Guy Boyd
Guy is a TBI survivor who will share his story with us today. He is joined by his mother, Denise Wieck, and Dr. Andrew Nguyen, who will speak on behalf of Guy’s care team at Saint Joseph Mercy Hospital.

Andrew Nguyen, MD
Dr. Nguyen is Clinical Assistant Professor of Neurological Surgery and Neurology at the University of Michigan. His clinical interests include critical care electroencephalography, multimodality monitoring, neurologic manifestations and complications of systemic disease and treatments, point-of-care ultrasonography, and status epilepticus.

Nathan Haas, MD
Dr. Haas is Clinical Assistant Professor of Emergency Medicine and Assistant Medical Director of the Emergency Critical Care Center (EC3) at the University of Michigan. His clinical and scholarly interests include emergency department-based critical care delivery and out-of-hospital cardiac arrest.

Katharine Seagly, PhD
Dr. Seagly is a rehabilitation neuropsychologist, Clinical Assistant Professor and member of the adult faculty group in the Department of Physical Medicine and Rehabilitation at U-M. Her clinical and research interests include TBI and concussion outcomes, performance validity tests, and improving collaborative TBI treatment approaches between neuropsychology and speech-language pathologists.

Gene Parunak
Gene is the Managing Director of in2being, LLC. With 33 issued patents and a passion for educating stakeholders with a holistic view of the medical device development process, Gene loves to cut through complexity to get right to the heart of the challenges being faced by today’s hottest med tech startups.
**Florian Schmitzberger, MD, MS**
Dr. Schmitzberger is an emergency medicine physician affiliated with Hurley Medical Center as well as a Resuscitation Science Fellow and Clinical Instructor of Emergency Medicine at the University of Michigan. He was previously a medic in the Austrian army and has served on medical relief missions around the world.

**Robert Neumar, MD, PhD**
Dr. Neumar is Professor and Chair of Emergency Medicine at the University of Michigan. His basic science research has been focused on mechanisms of neuronal injury after ischemic and traumatic brain injury as well as therapeutic strategies to improve neurologic outcomes including therapeutic hypothermia.

**William Barsan, MD**
Dr. Barsan is Professor and Chair Emeritus of the Department of Emergency Medicine at the University of Michigan Medical School. His academic focus has been translational research in neurological emergencies and emergency care. He has served as principal investigator for the Neurologic Emergency Treatment Trials (NETT) Network Clinical Coordinating Center as well as for the Strategies to Innovate Emergency Care Clinical Trials Network (SIREN) Clinical Coordinating Center.

**Darío Villarreal, PhD**
Dr. Villarreal is the Sr. Director and Head of Science and Technology for the Toyota Way Forward Fund, a non-profit initiative focused on supporting children recovering from TBI. With a background in Mechatronics and Biomedical Engineering, he specializes in merging innovation, healthcare, and technology with a long-term strategic perspective.

**Brian J. O’Neil, MD, FACEP, FAHA**
Dr. O’Neil is the Munuswamy Dayanandan Endowed Chair of the Wayne State University School of Medicine Department of Emergency Medicine and the Specialist-in-Chief of Emergency Medicine for the Detroit Medical Center. Dr. O’Neil is a nationally recognized expert in the fields of cardiac and cerebral ischemia and cardiac resuscitation.

**Florian Schmitzberger, MD, MS**
Dr. Schmitzberger is an emergency medicine physician affiliated with Hurley Medical Center as well as a Resuscitation Science Fellow and Clinical Instructor of Emergency Medicine at the University of Michigan. He was previously a medic in the Austrian army and has served on medical relief missions around the world.

**JB Phillips, MBA, PhD, PMP**
Dr. Phillips serves as the Neurotrauma Portfolio Manager for the US Army Medical Research and Development Command (USAMRDC) Combat Casualty Care Research Program. He oversees a team of scientists and administrators for oversight of neurotrauma research and development across the DoD and United States Government interagencies.