

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Accelerating Progress in Traumatic Brain Injury Research and Care

Day 1: March 16, 2021

WORKSHOP SPEAKER AND MODERATOR BIOGRAPHIES



Donald Berwick, M.D., MPP, FRCP (London) (NAM) (Committee Chair), is president emeritus and senior fellow at the Institute for Healthcare Improvement and former administrator of the Centers for Medicare & Medicaid Services. A pediatrician by background, Dr. Berwick has served on the faculty of the Harvard Medical School and Harvard School of Public Health, and on the staffs of Boston's Children's Hospital Medical Center, Massachusetts General Hospital, and the Brigham and Women's Hospital. He has also served as vice-chair of the U.S. Preventive Services Task Force, the first "independent member" of the American Hospital Association Board of Trustees, and chair of the National Advisory Council of the Agency for Healthcare Research and Quality. He served two terms on the Institute of Medicine's (IOM's) Governing Council, was a member of the IOM's Global Health Board and served on President Clinton's Advisory Commission on Consumer Protection and Quality in the Healthcare Industry. Recognized as a leading authority on health care quality and improvement, Dr. Berwick has received numerous awards for his contributions. In 2005, he was appointed "Honorary Knight Commander of the British Empire" by Her Majesty, Queen Elizabeth II, in recognition of his work with the British National Health Service. Dr. Berwick is the author or co-author of over 160 scientific articles and six books.

PATIENT EXPERIENCES WITH TBI SYSTEMS OF CARE



Matthew E. Fink, M.D., (Study Committee) is the Louis and Gertrude Feil Professor and chairman of the Department of Neurology at Weill Cornell Medical College, and neurologist-in-chief at New York-Presbyterian Hospital/Weill Cornell Medical Center. In addition, he is chief of the Division of Stroke and Critical Care Neurology at New York-Presbyterian Hospital/Weill Cornell Medical Center and vice-chairman of the Medical Board. Dr. Fink was a founding member and chairman of the Critical Care Section of the American Academy of Neurology, and the Research Section for Neurocritical Care of the World Federation of Neurology. He is board-certified in internal medicine, neurology, critical care medicine, vascular neurology, and neurocritical care. He has been elected as a Fellow of the American Neurological Association, the American Academy of Neurology, and the Stroke Council of the American Heart Association. Throughout his career, Dr. Fink has been involved in the education and training of students, residents, and fellows in the field of stroke and critical care neurology, as well as an active participant in clinical research within this field. He is a leader in this new specialty, has lectured widely, and has published numerous research and clinical articles in the field of stroke and critical care. In addition, he currently serves as editor of the monthly publication, NEUROLOGY ALERT, and is a past-president of the New York State Neurological Society.

The National Academies of
SCIENCES • ENGINEERING • MEDICINE



Lisa Brandt is a former teacher as well as a co-founder of an independent school in the Mid West. Upon moving to Philadelphia Lisa has been a very active volunteer at the Shipley School, having served on the Committees for the auction (Co-Chair), Secret Gardens (Co-Chair), and Shipley Shops (Co-Chair twice). Lisa is an Admissions Parent Ambassador, has been a Middle School Grade Coordinator, and has served as a volunteer for the Leadership Council of the Annual Fund. Since joining the Shipley Board of Trustees in 2016 Lisa has chaired the Engagement Committee, served on the Development, Advancement, and Head's Transition Committees as well as on the Committee on Trustees. Lisa has two sons, a music producer in Los Angeles, and a Freshman and Men's Basketball manager at SMU



Scott Hamilton is a social entrepreneur. He designed and for five years led the effort to grow the Knowledge is Power Program (KIPP), which started with two schools and grew to include over 240 of the best-known and most celebrated inner-city public schools in America. He also guided the investment of over \$100 million from Doris and Donald Fisher, the founders of Gap, Inc., into KIPP, the quadrupling of the Teach for America teaching corps, and more. Before taking a post in the White House and then with the U.S. Secretary of Education, Scott received his degree in Ancient Greek from the University of Pennsylvania, where he rowed heavyweight crew. He lives in London with his wife, Stacey Boyd, and their two daughters. His efforts to fully recover from a severe traumatic brain injury now have him focused on helping use big discoveries in neuroscience to improve children's learning.



Kristine Swift is a 63-year-old wife, mother, grandmother, and former educator. She was forced to retire when, as a pedestrian, she was hit and run over by a car. As a result of this accident, Ms. Swift lives with a traumatic brain injury. Ms. Swift lives in Benton, Wisconsin, a village of about 800 people.



Aemon Purser was in the military from 2006 until 2011 with the 160th Special Operations Aviation Regiment (SOAR), stationed at Fort Campbell. He currently lives in Louisville KY and has two kids, two cats and a snake. His job now involves traveling around the country educating people about bourbon. He likes long walks on the beach and his favorite color is blue. Mr. Purser is also a former participant in the University of Pittsburgh's TEAM TBI study, which is exploring how targeted interventional strategies may improve outcome and function after brain injury.

The National Academies of
SCIENCES • ENGINEERING • MEDICINE



Keith Primeau is a retired professional ice hockey center who played 15 seasons in the National Hockey League (NHL) with the Detroit Red Wings, Hartford Whalers, Carolina Hurricanes, and Philadelphia Flyers. Mr. Primeau was also an Olympic Athlete for Team Canada in the 1998 Olympics and an NHL All-Star. Today, he has a foundation for concussion awareness and educates players on post-concussion syndrome and the different treatment options available to help people in stopping concussions.

DISPARITIES IN TBI OUTCOMES



Corinne Peek-Asa, Ph.D. (NAM) (Study Committee), is associate dean for research for the University of Iowa College of Public Health and professor in the Department of Occupational and Environmental Health. Dr. Peek-Asa received her Ph.D. in Epidemiology at the University of California, Los Angeles in 1995 and served on the UCLA faculty until 2001, when she joined the University of Iowa. Dr. Peek-Asa's area of expertise is injury and violence prevention, including global road traffic safety, interpersonal violence, workplace violence, and acute care. Dr. Peek-Asa's work has addressed the full spectrum of traumatic brain injuries from prevention to outcomes and from mild to severe TBI. She has conducted research

on the impact of gender on traumatic brain injury outcomes, outcome differences from blunt compared with penetrating brain injury, and has evaluated the impact of trauma systems on TBI patients reaching definitive care. She served on the Big Ten/Ivy League Concussion Taskforce, including on the data committee. She was a co-investigator on two studies with University athletes to examine depression/anxiety and substance use related to sports injuries. Dr. Peek-Asa has conducted international traumatic brain injury research, including a role as P.I. on an NIH/NINDS project that established prospective traumatic brain injury registries in four countries. She was elected to the National Academy of Medicine in 2020.



Richard Sidwell, M.D., is a native of Davenport, IA, and a graduate of the medical school from the University of Iowa. He is a trauma surgeon at Iowa Methodist Medical Center, a Level I trauma center in Des Moines. He has the unique perspective of having worked at Level I, Level II, Level III, and Level IV trauma centers. He has been active in the Iowa Trauma System since 2002 and has served on the American College of Surgeons Committee on Trauma for 19 years. He chairs the Rural Trauma Committee for the American College of Surgeons, and he serves as the COT Chief for Region VII (Iowa, Nebraska, Kansas, Missouri). He led

the development of the 4th edition of the Rural Trauma Team Development Course. He has been active in trauma education since 1994.

The National Academies of
SCIENCES • ENGINEERING • MEDICINE



Megan Moore, Ph.D., MSW is a Sidney Miller Endowed Associate Professor in Direct Practice in the School of Social Work and Core Faculty at the Harborview Injury Prevention and Research Center at the University of Washington, which is one of nine CDC funded injury centers in the country. She co-directs the Injury-related Health Equity Across the Lifespan program, the Outreach Core, and the Research Core at the Harborview Injury Prevention and Research Center. She is a clinical social worker with a background in Emergency Department social work, Critical Care, and outpatient mental health and case management services for persons with traumatic brain injury. Her interdisciplinary research agenda is focused on health equity and improving health and mental health outcomes for persons who experience a traumatic brain injury. Her work has led to improved psychosocial care models for injured patients in acute care settings and contributed to understanding family-centered care for patients with traumatic brain injury from a variety of cultural and linguistic groups. She has led multiple mixed methods injury research projects with adults, adolescents, and children. Her work is currently focused on system-level approaches to identifying and addressing disparities in trauma care. She received her Ph.D. and MSW from the University of California at Berkeley.

FAMILY IMPACTS FROM TBI AND ENGAGEMENT IN TBI CARE



Helene Moriarty, Ph.D., RN, FAAN, (Study Committee), is Professor and Diane & Robert Moritz, Jr. Endowed Chair in Nursing Research at the Villanova University, M. Louise Fitzpatrick College of Nursing and Nurse Scientist at the Corporal Michael J. Crescenz Veterans Affairs (V.A.) Medical Center. She is also a member of the NewCourtland Center for Transitions and Health at the University of Pennsylvania School of Nursing. Dr. Moriarty's clinical research has led to novel insights and healthcare approaches for veterans with traumatic brain injury (TBI) and their families. Her research is one of the first scientific efforts to engage family members as integral partners in the care of veterans with TBI and also address the health of family caregivers. Her recent NIH-funded randomized controlled trial evaluated the impact of an innovative rehabilitation intervention, the Veterans' In-home Program (VIP), for veterans with TBI and their families. Building on the VIP, Dr. Moriarty's current NIH-funded research will test a rehabilitation approach that addresses critical gaps in services and research for civilians and veterans with chronic TBI symptoms and their families. Recognized as a national and international nursing leader and expert in family science, Dr. Moriarty is a tireless champion for families, particularly for of military veterans. Dr. Moriarty has held leadership roles within the V.A. health system, serves as a member of the American Academy of Nursing's Expert Panel on Military and Veterans Health, and in 2019 was appointed to the V.A. Nursing Research Field Advisory Committee charged with developing and implementing the strategic plan for nursing research for the V.A. health system.



Susan Connors is president and chief executive officer of the Brain Injury Association of America. She was executive director of the National Association of State Head Injury Administrators from 2001 to 2005 and BIAA's national director of state affairs from 1995 to 2001. Ms. Connors has served in advisory capacities and on expert panels for several federal agencies, universities, and nonprofit organizations and has authored numerous publications, position statements, and

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

articles. She has a bachelor's degree in public communication from George Mason University.



Angelle M. Sander, Ph.D., is a tenured Associate Professor in the Department of Physical Medicine and Rehabilitation at Baylor College of Medicine and is Director of the Division of Clinical Neuropsychology and Rehabilitation Psychology. She is also Director of TIRR Memorial Hermann's Brain Injury Research Center and Senior Scientist on the TIRR Research Council. She is the Project Director for the NIDRR-funded Rehabilitation Research and Training Center on Developing Strategies to Foster Community Integration and Participation for Individuals With Traumatic Brain Injury. She is Principal

Investigator for an ongoing clinical trial of contextualized memory strategy training for persons with TBI and is Co-Principal Investigator (with Dr. David Arciniegas) on a newly funded randomized controlled trial of Donepezil to improve memory functioning in persons with TBI. She is Project Co-Director for the Texas TBI Model System of TIRR and Principal Investigator of the local randomized controlled trial of Acceptance and Commitment Therapy to treat emotional distress. She has a history of federal grant funding since 1997. Her areas of specialty include cognitive and psychosocial interventions, family adjustment to TBI, community integration of persons with TBI, intimacy, and sexuality after TBI, assessing and treating substance abuse in persons with TBI, and ethnic diversity in outcomes. She has over 60 published articles, book chapters, and abstracts. Dr. Sander also serves as the neuropsychologist for the inpatient rehabilitation unit at Quentin Mease Community Hospital in Harris Health System.



Elizabeth Rotenberry is a military caregiver for her husband, a USMC Wounded Warrior of Operation Iraqi Freedom & Operation Enduring Freedom Veteran. As an Elizabeth Dole Fellow Alumna, Liz works to advocate not only for herself and her family, but for all Military and Veteran Caregivers. Liz joined the Elizabeth Dole Foundation as their Caregiver Community Program Coordinator and is now the Foundation's Fellows Program Manager.

Prior to becoming a military caregiver, Liz graduated from the University of Delaware with a BAS in Art and Art History. Liz worked in the architectural field as a designer for schools, medical, offices to government and military facilities, including the test sites on Proving Grounds in Arizona. The work Liz experienced with the Proving Grounds in Arizona provided an eye opening experience to what our Military train for in real life theater every day. Liz is honored to have been a part of the training and implementation of the Joint Experimentation Range Complex. It is important for Liz to represent not only the Veteran but especially the Caregiver.



Kelli Williams Gary, Ph.D., MPH, OTR/L is an assistant professor in the department of rehabilitation counseling at Virginia Commonwealth University (VCU) in Richmond, VA. After sustaining a severe traumatic brain injury (TBI) 30 years ago, she obtained a Bachelor of Science in occupational therapy (OT) from Chicago State University in Chicago, IL, a Master of Science, and a Master of Public Health from Columbia University in New York, NY, and Ph.D. from VCU. She has 25 years of clinical practice, 15 years of research, and nine years of teaching experience in OT and rehabilitation counseling. She is a member of the

leadership team for Culture, Race, and Health Core in the VCU Institute on Inclusion, Inquiry, and Innovation. Dr. Gary has authored/co-authored more than 23 peer-reviewed journal articles and three

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

book chapters primarily focused on racial and ethnic minorities and caregivers with TBI and other disabilities. She is currently on the board of directors for Brain Injury Association of Virginia (BIAV), on a national committee for Veterans with special disabilities that reports directly to the Secretary of Veterans Affairs in Washington, DC, and co-facilitates a monthly support group for people with brain injury sponsored by BIAV. She has presented at numerous conferences around the nation and internationally on her research and about her experience of living with a TBI and becoming successful, productive, and happy afterward.