

## Data Integration in Learning Health Care Systems for Traumatic Brain Injury: A Workshop

### Planning Committee, Speaker, and Moderator Bios



**Jennifer Bogner, PhD, ABPP** is the vice chair of research and academic affairs for the Department of Physical Medicine and Rehabilitation at The Ohio State University Medical Center. She has worked within the field of traumatic brain injury rehabilitation for nearly 20 years, is a board-certified rehabilitation psychologist (ABPP) and professor in the Department of Physical Medicine and Rehabilitation at Ohio State. She is the co-principal investigator of the Ohio Regional TBI Model System and is currently or has served as principal investigator or co-principal investigator on multiple studies addressing issues associated with TBI and substance use disorders, including randomized clinical trials or interventions. Bogner has authored or co-authored more than 40 publications in professional journals and one book chapter. She has presented nationally on topics related to brain injury and serves as the associate editor of the *Journal of Head Trauma Rehabilitation*. She is a member-at-large on the Board of Governors of the American Congress of Rehabilitation Medicine.



**Jill Daugherty, PhD** is an epidemiologist on the Traumatic Brain Injury (TBI) Team in the Division of Injury Prevention (DIP) at the Injury Center. Her work focuses on understanding the public health burden of and sociodemographic disparities in TBI. She began her career at CDC as a survey researcher at the National Center for Health Statistics (NCHS) in Hyattsville, Maryland, working on the National Survey of Family Growth. After three years at NCHS she transferred to DIP in Atlanta, Georgia. Daugherty received a bachelor of science degree in biobehavioral health from Penn State University and a master of public health and doctorate in sociology from Emory University. She has authored or co-authored more than 20 peer-reviewed journal articles and government reports.



**Kathryn Davidson, LCSW** is the director of the learning and diffusion group (LDG) at the Center for Medicare and Medicaid Innovation (CMMI), within the Centers for Medicare & Medicaid Services (CMS). In this role, Davidson leads CMMI's team focused on accelerating healthcare system transformation by leveraging improvement science within and across models, as well as leading the multi-payer alignment strategy for the Center through the Healthcare Payment Learning and Action Network (HCP-LAN). Prior to joining CMS, Davidson led Policy and Practice Improvement efforts at the National Council for Mental Wellbeing, where she managed payment reform, quality improvement, and workforce development initiatives in mental health and addiction prevention, treatment, and recovery organizations and provided training and technical assistance to human services organizations, counties and states. Davidson began her career in healthcare as a social worker researching, testing and scaling interventions in community-based settings. She has an MSW from Fordham University and a BA from Loyola College in Maryland.



**Joseph T. Giacino, PhD** is the Director of Rehabilitation Neuropsychology at Spaulding Rehabilitation Hospital, Consulting Neuropsychologist in the Department of Psychiatry at Massachusetts General Hospital and Professor of Physical Medicine and Rehabilitation at Harvard Medical School. Giacino's clinical and research activities are centered on the development and application of novel assessment and treatment methods for individuals with severe acquired brain injury (ABI) and disorders of consciousness (DOC). He served as co-chair of the Aspen Workgroup, responsible for developing the diagnostic criteria for the minimally conscious state (MCS) and was co-lead author of the Mohonk Report, a Congressionally-sponsored initiative to establish recommendations for lifelong care of patients with DOC. He currently chairs the VS/MCS Guideline Development Panel of the American Academy of Neurology which is responsible for revising existing guidelines for management of patients with DOC. He is principle investigator on a project funded by the National Institute on Disability and Rehabilitation Research (NIDRR) to develop novel fMRI paradigms to assess the integrity of language and visual processing networks in patients with DOC and serves as Project Director of a 12-site NIDRR-funded clinical trial of amantadine hydrochloride (AH) to determine whether AH facilitates functional recovery in patients with prolonged DOC. He also served as Co-PI of an FDA-approved pilot study of deep brain stimulation aimed at promoting recovery of speech and motor functions in patients with chronic post-traumatic MCS.



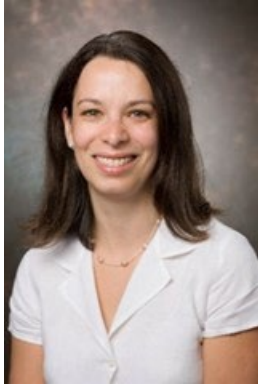
**David Goldstein, MS OTR/L** serves as a Senior Advisor within the Immediate Office of the Assistant Secretary for Health (OASH) at the US Department of Health and Human Services (HHS). Within this role, Goldstein advises the Deputy Assistant Secretary for Science and Medicine (DAS-S & M) as well as the Chief Medical Officer regarding program priorities covering the full range of public health activities within the HHS Office of the Assistant Secretary for Health with a focus on those relating to public health innovation, clinical care delivery, healthcare payment and reimbursement policy and the intersection of clinical care delivery and population health safety and preparedness. The Office of the Assistant Secretary for Health (OASH) oversees U.S. Department of Health and Human Services (HHS) key public health offices and programs, several Presidential and Secretarial advisory committees, 10 regional public health offices across the nation, and the Office of the Surgeon General and the U.S. Public Health Service Commissioned Corps. Prior to his arrival at HHS, Goldstein served as a public health adviser at the Center for Medicare and Medicaid Innovation (CMMI) and as Behavioral Health Lead for emerging Model topics focused on behavioral health care delivery system transformation for those with unmet Mental Health and Substance Use Disorder diagnoses and care needs. He is a licensed Occupational Therapist and prior to his transition into health policy was in clinical practice at the University of California, San Diego Medical Center delivering hospital-based specialty rehabilitation care to patients with chronic complex care needs. His background also includes work as a federal healthcare management consultant supporting the Navy Bureau of Medicine's Directorate of Healthcare Business in San Diego, focused on the development of a patient-centered medical home model for Navy (TRICARE) beneficiaries as well as advisory work with the Camden Coalition of Healthcare Providers on their academic and practice-based complex care collaboratives. Goldstein received his Master of Science in Occupational Therapy from Thomas Jefferson University.



**Odette Harris, MD, MPH** is the Paralyzed Veterans of America, Endowed Professor of Spinal Cord Injury Medicine, a Professor of Neurosurgery and the Vice Chair, Diversity and Director of Brain Injury for Stanford. She is the Deputy Chief of Staff, Rehabilitation at the Veterans Affairs Palo Alto Health Care System, overseeing the TBI/Polytrauma System of Care, Spinal Cord Injury, Blind Rehabilitation Services, Recreational Therapy and Physical Medicine & Rehabilitation. Harris graduated from Dartmouth College and received her MD from Stanford University School of Medicine. She did her internship and residency at Stanford and earned a Master of Public Health, Epidemiology from the University of California, Berkeley. Dr. Harris has authored numerous articles/books, is a member of several Editorial Boards and National Committees including as the Associate Editor for *Neurosurgery* and as an appointed Member, National Football League (NFL) Head, Neck and Spine Committee. She also serves on several Boards including the Defense Health Board's (DHB) Trauma and Injury Subcommittee and a Trustee of Dartmouth College. She has won numerous awards: Appointed a Fellow of the Aspen Global Leadership Network in 2018; Recognized in 2019 by Forbes and Ebony Magazine *Power 100 List Award* as one of 100 most influential African Americans and received the National Medical Fellowships Award for Excellence in Academic Medicine. In 2021 she received the Stanford RISE Award. In 2022 Harris was recognized by Stanford University as one of Stanford's 13 women's history makers. Harris' Endowed Professorship further distinguishes her as the first woman in Neurosurgery at Stanford to receive this honor.



**Stuart Hoffman, PhD** is the Senior Health Science Officer for TBI for the Office of Research and Development (ORD), Veterans Health Administration, Department of Veteran Affairs (VA). Dr. Hoffman assumed his role in January 2020. He is responsible for supporting the National Research Action Plan activities; serving as VA Lead for the joint VA/Department of Defense Long-term Impact of Military-relevant Brain Injury Consortium (LIMBIC); providing overall direction, program planning, development and implementation for ORD TBI research; coordinating with ORD leads and Federal partners in other high priority nationwide efforts in brain health; promoting data sharing in TBI research; and to expand the clinical trials network nationally to improve TBI treatments and diagnostics for Veterans. Hoffman joined the Rehabilitation Research and Development Service in ORD in February of 2010 where he served as the Scientific Program Manager for Brain Health and Injury. His accomplishments included doubling the RRD TBI portfolio, creating a special emphasis area for proposals investigating the long-term effects of prescribed and nonprescribed drugs on outcome from TBI, and oversight of two successful research centers. Hoffman has previously coordinated TBI research initiatives such as the Chronic Effects of Neurotrauma Consortium Government Steering Committee and is the VA representative on the National Academies of Sciences, Engineering, and Medicine Forum on Neuroscience and Nervous System Disorders. In 2015, he chaired of the Scientific Planning Committee for the second VA TBI State of the Art (SOTA) Conference. Hoffman received his Ph.D. in behavioral and molecular neuroscience at Rutgers University in 1995 and completed his postdoctoral training in pharmacology at Virginia Commonwealth University in 1997. Hoffman was a full-time Emory University faculty member from 1998-2006. Immediately prior to joining the VA in 2010. Hoffman was the Research Director for the Defense and Veterans Brain Injury Center in Johnstown, Pennsylvania. He has over 50 peer-reviewed publications and more than 35 years of translational neuroscience research experience that focused on TBI therapeutics.



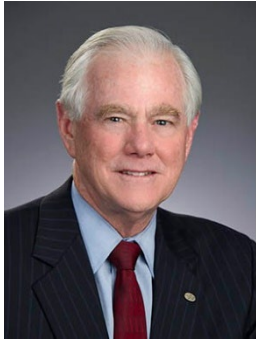
**Leora Horwitz, MD** is a general internist who studied social science as an undergraduate and is now a clinician researcher focused on quality and safety in healthcare. In particular, she focuses on systems and practices intended to bridge gaps or discontinuities in care. She has studied shift-to-shift transfers among physicians and among nurses, transfers from the emergency department to inpatient units, and the transition from the hospital to home. She is currently adjunct faculty at Yale; her primary work is at NYU Langone Health, where she directs the Center for Healthcare Innovation and Delivery Science and the division of healthcare delivery science in the Department of Population Health. Her current work is focused primarily on developing a learning health system through innovations in clinical delivery and in data capture and analysis.



**Michael F. Huerta, PhD** is Acting Deputy Director for Operations and Innovation at the National Library of Medicine (NLM). In this role, he develops frameworks and models for innovation and new growth opportunities. Huerta also provides administrative oversight for the overall NLM research portfolio, serves as NLM Chief Diversity Officer, and provides senior executive support to NLM's Division and Office Directors. Huerta has spent more than 30 years at NIH and has made major contributions to the development and implementation of open science, as well as large-scale, open, digital biomedical research and technology initiatives. Most recently, he directed the NLM Office of Strategic Initiatives and served as Associate Director of NLM for Strategy to identify, implement, and assess strategic directions of NLM. Throughout his tenure at NIH, Huerta has led many NIH research initiatives, including the NIH Human Connectome Project, the National Database for Autism Research, and the U.S. Human Brain Project, which was key in creating and establishing the field of neuroinformatics. He chairs several committees across NIH and NLM to help realize the promise of data science and open science for biomedicine. Huerta's research background is in systems neuroscience; his undergraduate and doctoral work was completed at the University of Wisconsin at Madison, he was an NIH postdoctoral fellow at Vanderbilt University and on the faculty of the University of Connecticut Health Center before joining NIH's National Institute of Mental Health in 1991 and moving to the National Library of Medicine in 2011.



**Edwin Lomotan, MD, FAMIA** serves as Senior Advisor for Clinical Informatics in the Center for Evidence and Practice Improvement at the Agency for Healthcare Research and Quality (AHRQ). He currently leads AHRQ's clinical decision support (CDS) initiative, which aims to advance evidence into practice through CDS and to make CDS more shareable, standards-based, and publicly-available. Lomotan is board-certified in clinical informatics and received his medical degree from the University of Pittsburgh. He completed his pediatrics residency and informatics fellowship at Yale University. He also spent several years in community pediatric practice in Connecticut before joining Federal service in 2010.



**J. Michael McGinnis, MD**, is a physician and epidemiologist who lives and works in Washington DC. Through his scholarly contributions, government service, and work in philanthropy, he has been a long-time contributor to national and global leadership in population health and medicine. Currently the *Leonard D. Schaefer* Executive Officer of the National Academy of Medicine (NAM), NAM Senior Scholar, and Executive Director of the NAM Leadership Consortium, previously he was founding Director, respectively, of the Robert Wood Johnson Foundation's (RWJF) Health Group, the World Health Organization's Office for Health Reconstruction in Bosnia, and the U.S. Department of Health & Human Services (DHHS) federal Office of Disease Prevention and Health Promotion, and

federal Office of Research Integrity (interim). At DHHS, he held appointments as Assistant Surgeon General and Deputy Assistant Secretary for Health, with continuous policy leadership responsibility for federal activities in disease prevention and health promotion from 1977 to 1995, a tenure unusual for political and policy posts.



**Christiane Miller, MBA** is the Director of Virginia's Department for Aging and Rehabilitative Services (DARS) Brain Injury Services Coordination Unit. Prior to this position she spent 35 years developing housing and supportive services for people with disabilities, creating livable communities for older adults, and directing a free clinic for uninsured adults. As part of her role at DARS, Miller oversees the Commonwealth Neurotrauma Initiative, a trust fund that makes grants to Virginia based researchers and organizations improving services for individuals living with spinal cord injuries and traumatic brain injuries. Working with Virginia's TBI Model Systems, the Brain Injury

Association of Virginia, NASHIA, and other community partners, she is leading the effort develop a Data Plan for Brain Injury across systems and state agencies. Miller received her B.S. degree in psychology at Mary Washington College and a Master's in Business Administration at Averett University.



**Monique R. Pappadis, MEd, PhD** is a tenured Associate Professor in the Department of Population Health and Health Disparities at the University of Texas Medical Branch (UTMB) at Galveston. She is a Fellow of the Sealy Center on Aging, and currently the Diversity, Equity, Inclusion and Accessibility (DEIA) Lead for the CTSA Program Steering Committee Task Force/Institute for Translational Sciences. Pappadis is also an Investigator and the Director of Dissemination and Cultural Humility at TIRR Memorial Hermann's Brain Injury Research Center in Houston, Texas. Her research aims to improve rehabilitation outcomes and decrease ethnic minority health disparities, particularly among persons with traumatic brain injury (TBI) or stroke, as well as improve care transitions and continuity of care following

acute and post-acute care. Her recent work aims to improve screening for elder mistreatment with emphasis on vulnerable, older adults with mild cognitive impairment or Alzheimer's Disease and Related Dementias, as well as the intersection between elder mistreatment and TBI. She has a continued interest in minority aging, gender/sex disparities in rehabilitation, health literacy of patients and caregivers, and psychosocial adjustment to disability. She is a member of the Academy of Certified Brain Injury Specialists' (ACBIS) Board of Governors for the Brain Injury Association of American and member of the Pink Concussions Professional Advisory Board. Pappadis was recently named a Fellow of the American Congress of Rehabilitation Medicine (ACRM) for her outstanding record of professional service to ACRM and for the nationally significant contributions she has made to the field of medical rehabilitation.



**Corinne Peek-Asa, PhD, MPH (NAM) (Co-Chair)** is the Vice Chancellor for Research and Professor with Distinction of Epidemiology at UC San Diego. She is an elected member of the National Academy of Medicine and served as a member of the National Academies Committee on Accelerating Progress in Traumatic Brain Injury and Care and the Global Violence Forum. Prior to joining UC San Diego, she was the associate dean for research for the University of Iowa College of Public Health and the William G. Battershell Distinguished Professor. Peek-Asa is a leading epidemiologist in traumatic injury and violence prevention.

Peek-Asa's work has addressed the full spectrum of traumatic brain injuries from surveillance to prevention among a variety of populations. Peek-Asa has led international traumatic brain injury research, including a role as P.I. on NIH FIC and NINDS projects that have established prospective traumatic brain injury registries in four countries. She has conducted research on data systems to identify TBI; the impact of gender on TBI outcomes; predictors of outcomes based on injury type and severity; the impact of trauma systems on TBI patients reaching definitive care; and, she has evaluated numerous TBI prevention strategies such as motorcycle helmet legislation.



**Peggy Reisher, MSW** is Executive Director of the Brain Injury Alliance of Nebraska (BIA-NE). Reisher has worked in the field of brain injury for over 25 years. She helped establish the Brain Injury Alliance of Nebraska (BIA-NE) in 2009 and became its Executive Director in July 2013, previously serving as the Director of Programs and Services. Reisher has a master's degree in social work and worked 14 years on the traumatic brain injury unit at Madonna Rehabilitation Hospital in Lincoln, Nebraska where she helped patients and families identify community resources upon discharge from the hospital. Reisher is currently the President of the United States Brain Injury Alliance and is on the Munroe Meyer Institute Board of Directors.



**Joel Scholten, MD** received his medical degree at the University of South Dakota and completed his residency in Physical Medicine and Rehabilitation at Eastern Virginia Graduate School of Medicine. Scholten joined the VA in 1998 as the medical director of the Brain Injury Rehabilitation program at the Tampa VA before transferring to the Washington DC VA Medical Center to assume the role of associate chief of staff for Rehab Services. Scholten also works in VA Central Office within the PM&R Program Office as the national director of Special Projects. His research interests include traumatic brain injury, polytrauma, and pain. Scholten is an associate clinical professor of Rehabilitation Medicine at Georgetown University School of Medicine. He is

also the clinical coordinator of the VA's Polytrauma/Blast Related Injury QUERI.



**Lindsay Simpson** is an Emmy-winning sports reporter and former soccer goalkeeper at the University of Maryland. After suffering a significant traumatic brain injury in 2018 that nearly took her life, she has turned her attention to advocating for brain trauma awareness and support. Her own medical battle has been long and arduous and as she continues to adapt to her "new normal" she uses her experiences to help others through their own brain trauma recovery. She has launched a nonprofit, the Champion Comeback Foundation, which provides resources for those recovering from brain injuries, mentorship for athletes and former athletes who have experienced brain

trauma, and a support network for their caregivers. See the attached Washington Post article at the end of this document for more information on Ms. Simpson's story.



**Katharine Stout, DPT, MBA, PT, NCS.** is the Director of the Clinical Affairs Division at the Defense and Veterans Brain Injury Center. She received her Doctorate in Physical Therapy from Northeastern University and her Master's in Business Administration with a concentration in Healthcare Administration from the University of Scranton. She is a board certified Neurological Specialist by the American Board of Physical Therapy Specialties. For the last 12 years she has worked in TBI and military medicine in a variety of roles to include direct clinical care, research portfolio management and program management. In addition to her work with the Military, she is adjunct faculty at the University of Maryland School of Medicine and served a 4 year term as a board member for the Maryland Board of Physical Therapy Examiners 2013-2017. She has authored several publications and a book chapter.



**Nsini Umoh, PhD** is a Program Director in the Repair and Plasticity Cluster in the Division of Neuroscience. Umoh received her Ph.D at Howard University in the Department of Physiology and Biophysics and did post-doctoral training in extremity trauma at Yale University and the U.S Army Institute of Surgical Research. Before joining NINDS, she served as a scientific program manager at the Department of Veterans Affairs (VA) Office of Research & Development. While at the VA, she managed research related to traumatic brain injury, women's health, and health equity. Before joining the VA, Umoh spent 3 years as a portfolio manager at the U.S Department of Defense (DoD) Medical Research and Development Command (MRDC) headquartered in Frederick, MD. While at MRDC, she worked with the Combat Casualty Care Research Program (CCCRP) to manage research related to the early management of combat-related neurotrauma on the battlefield. As a NINDS TBI Program Director, Umoh manages a broad research portfolio including translational and clinical research, serves as co-director of the Federal Interagency TBI Research informatics platform, and works with national and international partners.



**Rebecca Wolfkiel, MPP** joined NASHIA as Executive Director in January 2018. She brings fifteen years of experience in promoting policies that provide resources for individuals with brain injury, and their families. In her role as Executive Director, Wolfkiel is committed to representing the interests of State governments and supporting the unique and integral role they play within the service delivery system. Wolfkiel has also worked with former Pennsylvania Governor, Tom Ridge, at the Ridge Policy Group, for ten years, where she formerly represented NASHIA as a government affairs advisor. She played an integral role in the successful reauthorization of the Traumatic Brain Injury in 2014, paving the way for the federal TBI program's move to the Administration for Community Living. Prior to her time at the Ridge Policy Group, Rebecca worked on Capitol Hill for over six years where she served as Legislative Director to Congressman Todd R. Platts, Co-Chair of the Traumatic Brain Injury Taskforce. Managing the Congressman's legislative agenda, she learned how to effectively navigate the lawmaking process and develop successful strategies. During her tenure on the Hill, Rebecca became keenly aware of the importance of bipartisanship and developed strong Congressional relationships with Republicans

and Democrats alike. She often bridged partisan gaps and facilitated communication between contrasting viewpoints. Wolfkiel received a Bachelor of Arts from Dickinson College in Carlisle, Pennsylvania and a Master of Public Policy degree from George Mason University in Arlington, Virginia.



**Kristine Yaffe, MD**, is the Scola Endowed Chair and Vice Chair, Professor of Psychiatry, Neurology, and Epidemiology, and Director of the Center for Population Brain Health at the University of California, San Francisco. Yaffe is dually trained in neurology and psychiatry and completed postdoctoral training in epidemiology and geriatric psychiatry, all at UCSF. In addition to her positions at UCSF, Yaffe is the Chief of NeuroPsychiatry and the Director of the Memory Evaluation Clinic at the San Francisco Veterans Affairs Health Care System. In her research, clinical work, and mentoring, she has worked towards improving the care of patients with cognitive disorders and other geriatric neuropsychiatric conditions. Yaffe is an internationally recognized expert in the epidemiology of dementia and cognitive aging and the foremost leader in identifying modifiable risk factors for dementia. Her research, currently supported by over a dozen NIH, Department of Defense, VA, and foundation grants, bridges the fields of neurology, psychiatry, and epidemiology. Yaffe was the first to determine that potentially 30% of dementia risk is preventable. She pioneered early investigations on the roles of estrogen, physical activity, and cardiovascular factors in dementia risk, and more recently, her research group has led work on the connections between cognitive aging and sleep disorders, traumatic brain injury and lifecourse exposures. With over 600 peer-reviewed articles dedicated to improving population brain health (H-index=152 and recognized by Clarivate Analytics as one of the most highly cited researchers in her field), her work has formed the cornerstone for dementia prevention trials worldwide. In recognition of these accomplishments, Yaffe received the Potamkin Prize for Alzheimer's Research in 2017 and was elected to the National Academy of Medicine in 2019.