

FORUM ON TRAUMATIC BRAIN INJURY

Mental Health After Traumatic Brain Injury – From Evidence to Integrated Care: A Workshop

May 11, 2024 | 9:10 AM – 5:15 PM ET

May 12, 2024 | 9:00 AM – 11:30 AM ET

ATTENDEE PACKET

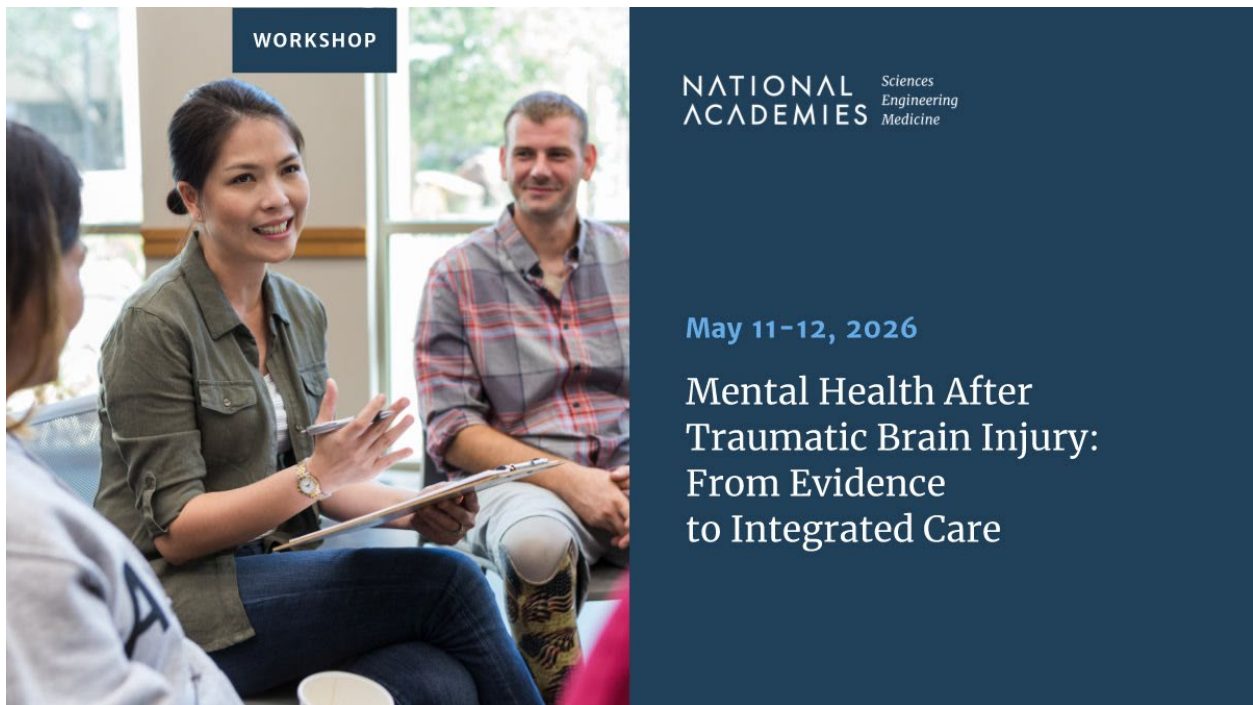


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Workshop Agenda

The workshop will examine the relationship between traumatic brain injury (TBI) and mental health outcomes. TBI increases risk for depression, post-traumatic stress disorder, and mood and anxiety disorders, among other conditions. The workshop will provide an opportunity to consider shared challenges, surface key scientific and clinical questions, and share lessons and strategies across military, VA, and civilian systems to improve high-quality mental health care after TBI. Invited presentations and discussions may be designed to:

- Synthesize evidence on mental health outcomes after TBI and explore the biological, physiological, and behavioral pathways by which TBI elevates risk for these conditions.
- Consider the translation of knowledge to practice through screening and delivery of brain injury–tailored mental and behavioral health therapies and interventions.
- Discuss barriers to addressing mental health as a core component of TBI management, as well as practical solutions to challenges such as access and continuity of care, enhanced workforce training to care for people with TBI, and recognition that patients’ and caregivers’ mental health are often intertwined across the care continuum.
- Identify examples of near-term data and research priorities to inform, implement, and evaluate care models and policies that address mental health after TBI.

MONDAY, MAY 11, 2026 (All Times ET)

- 9:10 AM** **SESSION 1: Introduction to Mental Health Impacts of TBI from the Perspective of Persons with Lived Experience**
The opening session frames the scope of mental health challenges after TBI across the lifespan and explores both epidemiology and lived experience, including family systems impact. The session introduces the focus of the workshop and grounds information on the nature and prevalence of mental health challenges after TBI in real-world experience.
- 9:10 AM **Welcome and Introductory Remarks**
Jennifer Bogner, PhD, The Ohio State University, *Planning Committee Chair*
- 9:20 AM **How Individual and Family Mental Health is Affected After TBI**
Moderated Conversation
- David Grant, Brain Injury Hope Network
 - Roxana Delgado, PhD, TBI Warrior Foundation (*virtual*)
 - Liz Rotenberry, Elizabeth Dole Foundation
- 10:00 AM** **SESSION 2: Mental Health After TBI Through a Bio-Psycho-Socio-Ecological Lens**

This session examines how complex interplays among biological mechanisms (such as neuroinflammation), psychological factors (such as TBI history), and social/ecological influences (such as access to care and available community systems and supports) interact to shape mental health outcomes after TBI. Panelists will explore how intertwined elements contribute to risk and recovery, and discuss implications for identifying who needs what types of support.

Moderator: Keith Yeates, PhD, University of Calgary (*virtual*)

10:00 AM **Introduction to BPSE Model as it Relates to Mental Health Outcomes After TBI: Intersections Among Different Systems and Factors**

- Lisa Brenner, PhD, University of Colorado Anschutz & Department of Veterans Affairs Rocky Mountain Regional Medical Center

10:20 AM **Elements of the BPSE Model: Panel Presentations**

- Jessica Gill, PhD, RN, Johns Hopkins University
- David Arciniegas, MD, University of Colorado Anschutz
- Tamerah Hunt, PhD, Georgia Southern University
- Jeffrey Max, MD, University of California San Diego (*virtual*)

11:10 AM **Discussion**

Questions will further explore these interactions and implications for care, services, and supports that improve mental health outcomes.

11:40 AM **LUNCH**

12:20 PM **SESSION 3: From Screening to Sustained Care — What Does a Good System Look Like?**

This session shifts to action: how mental health needs after TBI can be identified, addressed, and followed over time. Speakers will outline essential elements of a high-quality care pathway — including screening and referral triggers, psychiatric and behavioral interventions, care coordination, and continuity among acute, rehabilitation, primary care, and community settings.

Moderator: A. Cate Miller, PhD, National Institute on Disability, Independent Living, and Rehabilitation Research (*virtual*)

12:20 PM **Planning for Effective Implementation of Mental Health Interventions**

- Amy Kilbourne, PhD, MPH, Department of Veterans Affairs
- Discussion

12:45 PM **Neurologic Informed Care: Preparing Community-Based Providers to Optimize Mental/Behavioral Health Care for Persons with TBI**

- John Corrigan, PhD, The Ohio State University
- Kathryn Hyzak, PhD, The Ohio State University
- Discussion

1:20 PM **Access to Behavioral Health Care for Specific Populations with TBI**

- Rachel Sayko Adams, PhD, MPH, Boston University

Mental Health After Traumatic Brain Injury – From Evidence to Integrated Care: A Workshop

- Nathalia Jimenez, MD, MPH, Seattle Children’s Research Institute
- Discussion

2:05 PM **Informed Policy**

- Jane King, PsyD, LP, Jane King Consulting
- Discussion

2:25 PM **Break & Workshop Livestream Pauses**

2:45 PM **SESSION 4: Parallel Breakout Sessions** *(limited to in person participants)*

Breakout A: Workforce, Training & Capacity

Workforce awareness, capacity, and training needs and opportunities including medical/professional education, primary care providers, and regional workforce development. How can we prepare and support providers to deliver TBI-informed mental health care?

Moderator: Courtney R. Edwards, DNP, MPH, RN, Parkland Health

Breakout B: Research & Data Priorities

What are the research needs and questions most important to people and families dealing with mental health concerns after TBI? What near-term data, measures, and study designs are needed to improve risk identification, intervention effectiveness, and system evaluation?

Moderator: Arman Fesharaki-Zadeh, MD, PhD, Yale University School of Medicine

Breakout C: Innovative Tools & Delivery Models

How can technology, telehealth, community-based models, and novel intervention platforms improve access and adherence to effective mental health care after TBI?

Moderator: Monique Pappadis, PhD, MEd, University of Texas Medical Branch at Galveston

4:00 PM **Workshop Livestream Resumes**

SESSION 5: Reporting Out and Synthesis — Advancing Tangible Solutions

After brief report-outs, discussion will focus on cross-cutting themes spanning science, care delivery, workforce development, and policy.

Moderator: Stuart Hoffman, PhD, U.S. Department of Veterans Affairs

5:00 PM **Wrap Up and Adjourn Day 1**

Reception to follow with light appetizers and refreshments

TUESDAY, MAY 12, 2026

9:00 AM **SESSION 6: Implementing Improved Mental Health Care After TBI**
The final session focuses on real-world systems, cross-system lessons, and effective translation of knowledge to practice. The session examines how lessons from military, VA, and civilian health systems can inform each other, what adaptations are needed to better address the needs of underserved populations (for example, people with TBI in rural locations, justice-involved settings, or contending with homelessness), and what approaches and concrete elements best guide implementation and evaluation of care models and policies.

Moderator: Octavio N. Martinez, MD, MPH, MBA, The University of Texas at Austin

9:00 AM **Welcome and Day 2 Objectives**

9:10 AM **Cross-System Military, VA, and Civilian Lessons and Opportunities**

- Amanda Rabinowitz, PhD, Thomas Jefferson University and Moss Rehab
- Daniel Klyce, PhD, Central Virginia VA Health Care System and Virginia Commonwealth University

9:50 AM **Addressing Barriers to Meet the Post-TBI Mental Health Care Needs of Underserved Populations**

- Kim Gorgens, PhD, University of Denver
- Rebecca Quinn, MSW, LCSW, North Dakota Brain Injury Network
- Caitlin Synovec, OTD, OTR/L, National Health Care for the Homeless Council

10:45 AM **SESSION 7: Concluding Discussion**

Collective discussion among workshop participants on strategies to address post-TBI mental health needs of individuals and families, research priorities, and approaches to effectively implement, refine, and improve care models and policies.

Moderator: Jennifer Bogner, PhD, The Ohio State University, *Planning Committee Chair*

11:30 AM **WORKSHOP CONCLUDES**

Planning Committee Roster

Jennifer Bogner, PhD, ABPP, FACRM (Chair)

Bert C. Wiley Professor of Physical Medicine and Rehabilitation
Professor of Physical Medicine and Rehabilitation
The Ohio State University

Courtney R. Edwards, DNP, MPH, RN, CCRN, CEN, TCRN, NEA-BC, FAEN

Director of Trauma Community Outreach & BioTel EMS, Parkland Health
National Representative, Emergency Nurses Association

Arman Fesharaki-Zadeh, MD, PhD

Assistant Professor of Neurology & Psychiatry
Medical Director, Dementia and Behavioral Neurology
Yale University School of Medicine

Stuart Hoffman, PhD

Senior Health Science Officer for Traumatic Brain Injury
Office of Research and Development
U.S. Department of Veterans Affairs

Octavio N. Martinez, MD, MPH, MBA, DLFAPA

Executive Director and Senior Associate Vice President, Hogg Foundation for Mental Health
The University of Texas at Austin

A. Cate Miller, PhD

Rehabilitation Program Specialist
National Institute on Disability, Independent Living, and Rehabilitation Research
U.S. Department of Health & Human Services

Monique Pappadis, PhD, MEd, FACRM

Associate Professor and Assistant Dean for Community-Based Research
Department of Population Health and Health Disparities
University of Texas Medical Branch at Galveston

Elizabeth Rotenberry, BA

Director, Caregiver Engagement
Elizabeth Dole Foundation

Caitlin Synovec, OTD, OTR/L, BCMH

Assistant Director of Medical Respite Care
National Health Care for the Homeless Council

Keith Yeates, PhD

Professor, Psychology
Adjunct Professor, Pediatrics and Clinic Neuroscience
University of Calgary

Biosketches of Speakers and Moderators

SESSION 1



Jennifer Bogner, PhD, ABPP, FACRM is a board-certified rehabilitation psychologist, Professor and the Bert C. Wiley, MD, Endowed Chair in Physical Medicine and Rehabilitation, at the Ohio State College of Medicine. She received her PhD in Psychology from the Ohio State University. She is an Associate Editor for the Journal of Head Trauma Rehabilitation. Dr. Bogner has been leading single and multi-center studies in the field of traumatic brain injury (TBI) rehabilitation for over 30 years. The overarching goal of her research has been to identify and address modifiable factors that influence outcomes following TBI. Related to the current project, foci have included post-TBI agitation, substance use disorders, depression, irritability and aggression. Dr. Bogner has received the Roger G. Barker Distinguished Research Contribution award from the American Psychological Association Division of Rehabilitation Psychology and the William Fields Caveness Award from the Brain Injury Association of America.



Roxana E. Delgado, PhD, MS is a health scientist and epidemiologist at UT Health San Antonio, as well as a national advocate and the wife of Sergeant First Class retired Victor L. Medina, MRC, CRC, a combat wounded, Purple Heart Recipient veteran. After her husband sustained a moderate TBI amongst other injuries, she assumed the caregiving role, something that later inspired her advocacy work and career path. She has over a decade of experience in military medical research in the areas of health and wellbeing, program evaluations, needs assessments, and most recently working with military families and caregivers. She is active in the military and veteran caregiver community and is a 2015-16 Elizabeth Dole Foundation Fellow Alumni representing the State of Texas. She is a co-author of “The Caregivers Companion” book and serves as an advisor to a number of organizations aiming to improve the health, wellbeing and national policies for wounded, ill and injured veterans and their families. As a health scientist and epidemiologist, Delgado has worked with healthcare systems, nonprofit organizations, and community leaders to conduct studies that may impact the military and the nation's healthcare and social policies.



David A. Grant is a traumatic brain injury survivor and a steady source of hope for others walking a similar path. Based in southern New Hampshire, his journey of recovery and adaptation is captured in his book, *Metamorphosis: Surviving Brain Injury*, where he shares an honest look at the first eighteen months after his injury, offering clarity, connection, and encouragement to survivors and their families. His work extends well beyond his own story. His writing has been featured in multiple *Chicken Soup for the Soul* titles, including *Chicken Soup for the Soul: Recovering from Traumatic Brain Injuries*. He is the founder of the Brain Injury Hope Network, one of the world's largest peer support networks with over 55,000 members, an international keynote speaker, and a staff writer for Brainline.org, a respected WETA and PBS resource. David has a deep and unwavering passion to ensure that no one affected by brain injury feels alone, and that every voice in this community is seen, heard, and supported.



Elizabeth Rotenberry, BA is Director of Caregiver Engagement at the Elizabeth Dole Foundation. She 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, Rotenberry 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 Director of Caregiver Engagement. Prior to her current role, she served as the Foundation's Dole Caregiver Fellowship Program Manager. Prior to becoming a military caregiver, Rotenberry graduated from the University of Delaware with BAs in Art and Art History. She 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 she experienced with the Proving Grounds in Arizona provided an eye opening experience to what our military train for in real life theater every day. Rotenberry is honored to have been a part of the training and implementation of the Joint Experimentation Range Complex. It is important for her to represent not only the veteran but especially the caregiver.

SESSION 2



David B. Arciniegas, MD serves as the Cooper Neuropsychiatry Scholar and Professor of Neurology and Psychiatry at the University of Colorado Anschutz Medical Campus in Aurora, CO; as Clinical Professor of Psychiatry and Behavioral Sciences at the University of New Mexico School of Medicine in Albuquerque, NM; and as Clinical Professor of Psychiatry and Behavioral Sciences at the Baylor College of Medicine in Houston, TX. As a subspecialist in Behavioral Neurology & Neuropsychiatry, his clinical, research, and educational activities over the last three decades have focused principally on the assessment and treatment of the cognitive and non-cognitive neuropsychiatric sequelae of traumatic brain injury

(TBI). His research employs multimodal clinical assessments and their integration into single- and multi-center clinical trials focused on the diagnosis, pharmacotherapy, and psychosocial treatment of the neuropsychiatric consequences of these conditions. Since 1996, his work has

been supported by more than 40 extramurally supported research projects, including more than 20 federally funded research grants and four multicenter randomized controlled trials of pharmacotherapies for neuropsychiatric sequelae of TBI. He has authored more than 160 articles in peer-reviewed journals, eight medical textbooks, 42 book chapters, and more than 50 other works communicating to scientific colleagues and the general public. He has delivered more than 350 scientific to professional and lay audiences in the United States and abroad, including a dozen named lectureships and keynote addresses. His research, clinical, education, professional service, and administrative endeavors have been recognized by multiple institutional, national, and international awards, including the Brain Injury Association of Colorado's Outstanding Contribution Award; the Mitch Rosenthal Award for Scientific and Clinical Achievement in Brain Injury Rehabilitation from Virginia Commonwealth University and Brain Injury Services, Inc.; the Innovative Clinical Treatment Award from the North American Brain Injury Society; the ACLP Foundation Research Professor Award from the Academy of Consultation-Liaison Psychiatry; and, following on his leadership of International Brain Injury Association as its Chair and CEO, the distinction of shared eponymous honoree of the association's Zasler-Arciniegas Lecture. He presently serves as Editor of the Journal of Neuropsychiatry and Clinical Neurosciences as Immediate Past President of the American Neuropsychiatric Association.



Lisa A. Brenner, PhD is a Board-Certified Rehabilitation Psychologist, and a Professor of Physical Medicine and Rehabilitation, Psychiatry, and Neurology at the University of Colorado, Anschutz Medical Campus. Dr. Brenner is a Senior Clinical Investigator at the Department of Veterans Affairs Rocky Mountain Regional Medical Center. She co-leads the VA Brain Health Coordinating Center (BHCC) and the Military and Veteran Microbiome Consortium for Research and Education (MVM CoRE). She is the past Chair of the International Brain Injury Association and a past President of Division 22 (Rehabilitation Psychology) of the American Psychological Association (APA), as well as an APA Fellow. She serves as an Associate Editor of the Journal of Head Trauma Rehabilitation. Dr. Brenner is a leading expert in the field of traumatic brain injury and comorbid psychiatric disorders. She has over 300 peer-reviewed publications, participates on national advisory boards, and has co-authored a book titled: *Suicide Prevention After Neurodisability: An Evidence-Informed Approach*. She is also a Co-Editor of the APA Handbook of Rehabilitation Psychology (3rd Edition) and is the current editor of the Oxford University Press Academy of Rehabilitation Psychology Series.



Jessica Gill, PhD, MSN, BSN, FAAN is a Bloomberg Distinguished Professor at Johns Hopkins University in the Schools of Nursing and Medicine. Her research focuses on the biological mechanisms of TBI, studying fluid biomarkers that relate to risk for psychological and neurological impacts. She has spent decades investigating differential responses in military personnel, athletes, and other patients who have experienced TBIs and the mechanisms underlying these divergent responses. After earning her PhD at JHSON, Dr. Gill went to the National Institutes of Health (NIH) to complete a postdoctoral fellowship at the National Institute of Nursing Research that focused on the biological mechanisms of PTSD and depression. At NIH, she also served as a senior investigator and acting deputy scientific director of the National Institute of Nursing Research and as deputy director of the Center for Neuroscience and Regenerative Medicine. Gill was the first nurse to receive the Lasker Clinical Research Scholar Award, considered the

most prestigious research grant given by the NIH. As Bloomberg Distinguished Professor of Trauma Recovery Biomarkers, she holds primary appointments in the Johns Hopkins School of Nursing and the School of Medicine, Department of Neurology



Tamerah Hunt, PhD, ATC, FACSM is a Waters Faculty Fellow and professor in the Department of Health Sciences and Kinesiology at Georgia Southern University. Dr. Hunt is a Certified Athletic Trainer and has worked at every level of sports during her career. Her research focuses on youth concussion examining the effects of the social determinants of health on incidence, management, and recovery outcomes; youth recovery patterns; effort on assessment; mental health; and comorbidities. Dr. Hunt has secured numerous grants, published concussion and brain injury research, and has given numerous presentations regionally, nationally, and internationally. She serves on numerous professional committees to enhance inclusion and diversity in the clinical and research settings. She currently serves as the as the

National Athletic Trainers' Association Research and Education Foundation District IX Director and was recently elected as Vice President of the American College of Sports Medicine.



Jeffrey Max, MD is a professor in the department of psychiatry at University of California San Diego School of Medicine. Max conducts studies of pediatric traumatic brain injury and pediatric stroke. The thrust of the research is to identify brain imaging characteristics including microstructural white matter integrity and lesion location as well as psychosocial (e.g., family function, family psychiatric history, child's pre-injury function) predictors of varied psychiatric disorders that develop after brain injury. Through the identification of outcome predictors a rational strategy for early identification and treatment of complications can be developed. Dr.

Max leads a 5-year National Institutes of Health study on pediatric mild traumatic brain injury focusing on psychiatric outcome and brain imaging changes. He also investigates the neuropsychological profile of post-brain injury psychiatric disorders as an additional tool to understand the mechanism of these disorders.

Max is a Board Certified General Psychiatrist as well as a Board Certified Child and Adolescent Psychiatrist. He treats children and adolescents and adults often within the same family. He has specialized experience with psychiatric complications of brain injury including traumatic brain injury, epilepsy, stroke, pre-natal alcohol or drug exposure. Max graduated from the University of the Witwatersrand Medical School in Johannesburg, South Africa. He trained in General Psychiatry and in Child and Adolescent Psychiatry at Brown University.



Keith Owen Yeates, PhD, ABPP, FCAHS, FRSC is Professor of Psychology, Adjunct Professor of Pediatrics and Clinical Neurosciences, and former Ward Chair in Pediatric Brain Injury, at the University of Calgary, in Alberta, Canada. He is a pediatric neuropsychologist with a 35-year track record of funded research focusing on the outcomes of childhood brain disorders, especially traumatic brain injury and concussion. As of 2018, he had authored more of the top-100 cited papers in pediatric TBI than any other researcher, and he ranks 7th worldwide for total TBI-related publications from 2000-2022. Dr. Yeates was co-lead author of the report of the Centers for Disease Control (CDC) Expert Panel on Acute Diagnosis and Management of Mild Traumatic Brain Injury

among Children and Adolescents, an invited expert panel member at the 6th International Consensus Conference on Concussion in Sport in Amsterdam, and an invited member of the expert consensus group for the American Congress of Rehabilitation Medicine (ACRM) Diagnostic Criteria for Mild Traumatic Brain Injury. He is currently the inaugural Chair of the Canadian Concussion Network. Dr. Yeates has served as President of the Society of Clinical Neuropsychology (American Psychological Association Division 40) and of the International Neuropsychological Society, as well as Editor-in-Chief of the journal *Neuropsychology*. He is a Fellow of the American Psychological Association, International Neuropsychological Society, Canadian Academy of Health Sciences, and the Royal Society of Canada. In 2020, he was ranked as one of the top 10 most influential neuropsychologists in North America over the past 50 years.

SESSION 3



Rachel Sayko Adams, PhD, MPH is an Associate Professor in the Department of Health Law, Policy & Management at Boston University School of Public Health. Her work addresses critical gaps in addiction treatment and health outcomes for high-risk populations, specifically military members and Veterans and people with a history of traumatic brain injuries. Dr. Adams has led NIH-funded studies that inform national knowledge on psychological health, addiction, and suicide risk within military, Veteran and

civilian communities. She currently co-leads the INROADS portfolio, a research initiative dedicated to understanding how disability impacts substance use progression and equitable access to addiction treatment. Dr. Adams has an appointment as a Health Services Researcher within the Veterans Health Administration's Rocky Mountain Mental Illness Research Education and Clinical Center for Suicide Prevention.



John D. Corrigan, PhD is a Professor in the Department of Physical Medicine and Rehabilitation at The Ohio State University and Director of the Ohio Valley Center for Brain Injury Prevention and Rehabilitation. For more than 40 years he has treated, studied and advocated for persons with traumatic brain injury. Dr. Corrigan is Editor-in-Chief of the Journal of Head Trauma Rehabilitation. He has been the PI and co-PI of the Ohio Regional Traumatic Brain Injury Model System since 1997 and chaired the Executive Committee of the TBI Model Systems Project Directors from 2007-2017. Dr. Corrigan is the National Research Director for the Brain Injury Association of America and has previously served other

national organizations, including CARF, the Injury Control Center at CDC, the Veterans Health Administration, and the U.S. Department of Defense, Defense Health Board. Since 2013 he has served as the Director of the Ohio Brain Injury Program, which is the designated lead agency in the state of Ohio for policy and planning related to living with brain injury. He has more than 225 peer reviewed publications and has received many awards for his service and research in brain injury rehabilitation, including the Brain Injury Association of America's William Fields Caveness Award, the 2007 Robert L. Moody Prize, the Gold Key Award from the American Congress of Rehabilitation Medicine, and the Lifetime Achievement Award from the International Brain Injury Association.



Kathryn A. Hyzak, PhD is an Assistant Professor in the Department of Physical Medicine and Rehabilitation in the College of Medicine at The Ohio State University. She is a Fellow of the Implementation Research Institute at Washington University, St. Louis. She is a board member and inaugural Sponsorship Chair of the Society for Implementation Research Collaboration, and Co-Chair of the U.S. National Traumatic Brain Injury Model Systems Implementation Science Special Interest Group. She also

serves as an Editorial Board member for the Journal of Head Trauma Rehabilitation and for Implementation Science Communications. Her independent program of research is funded by the National Institute of Neurological Disorders and Stroke (NINDS) and the National Institute on Drug Abuse (NIDA), and focuses on the implementation of interventions to address traumatic brain injury (TBI) and TBI-related comorbidities in health and community-based settings. Broadly, her research focuses on (1) designing and testing strategies for equitable and cost-effective implementation; (2) disentangling implementation mechanisms and outcomes for generalizability across contexts, and (3) advancing hybrid effectiveness-implementation approaches.



Nathalia Jimenez, MD, MPH is professor in the Department of Anesthesiology and Pain Medicine at the University of Washington School of Medicine. She is an adjunct professor in the Department of Health Systems and Population Health in the School of Public Health. She is a pediatric anesthesiologist at Seattle Children's; and is also a principal investigator at Seattle Children's Research Institute's Center for Child Health, Behavior and Development. Her research focuses on improving access to healthcare for children, and development of family-centered programs to bridge care between hospitals and communities. She is recognized for seminal work documenting large long-term disparities in disability

and in access to rehabilitation for Latino children with traumatic brain injuries. She developed a navigation program to improve receipt of rehabilitation care after hospital discharge. Currently, she is funded by an NIH grant (R01-NICHHD) testing the efficacy of this program in a multicenter effort. In this multicenter grant, she is evaluating the effectiveness of culturally and linguistically relevant community interventions to facilitate adherence to treatments and return to school among these children. Her work highlights the importance of school programs to decrease disability and improve community reintegration for children with complex medical conditions. Dr. Jimenez earned her MD and anesthesiology residency from the Universidad Javeriana in Bogota, Colombia. She completed her pediatric anesthesiology fellowship and received her MPH from the University of Washington.



Amy Kilbourne, PhD, MPH is Acting Deputy Chief Research and Development Officer for Investigators, Scientific Review and Management (ISRM) in the VHA Office of Research and Development. With a budget exceeding over \$600 million, ISRM funds VA investigators to conduct cross-translational research from pre-clinical mechanism studies, clinical trials, and implementation/dissemination research focused on Veteran and VA priorities and needs, including chronic disease, TBI/brain health, military exposures, cancer/precision oncology, Veteran economic security, access to care, and digital health/artificial intelligence. Prior to this role, Dr. Kilbourne led VA's Quality Enhancement Research Initiative (QUERI) and Health Systems Research portfolios, which strive to improve Veteran health through foundational science in learning health systems and more rapid translation of research into practice. She is also Professor of Learning

Health Sciences at the University of Michigan (U-M) Medical School and Director of the U-M CTSA Dissemination and Implementation Science Core. A national expert in implementation science, Dr. Kilbourne's research has focused on developing and implementing evidence-based practices (EBPs) to improve outcomes for Veterans and other populations across different health settings. She designs novel implementation strategies to improve uptake of EBPs for persons with mental disorders, cardiovascular disease, and other chronic conditions using novel trial designs including sequential multiple assignment randomized trials (SMARTs) in clinical and community settings. Dr. Kilbourne received her bachelor of arts degree at the University of California at Berkeley (double major in molecular biology and rhetoric), and her masters in epidemiology and PhD in health services from the University of California Los Angeles.



Jane King, PsyD, LP is a Licensed Clinical Psychologist with over 30 years of experience leading programs and teams across integrated mental health, substance use treatment, homelessness services, and housing programs. Currently, Dr. King is the principal of Jane King Consulting, LLC, where she provides consulting services and subject matter expertise in Medicaid policy, with a particular focus on CCBHC implementation. Prior to that, she served as a Senior Consultant at the National Council for Mental Wellbeing for nearly five years. There, she played a key role in establishing two SAMHSA-funded Technical Assistance Centers—one for grantee clinics and one for states—supporting CCBHC implementation

nationwide. Previously, Dr. King worked for the Minnesota Department of Human Services on the CCBHC implementation team. Over five years, she helped the state enter the federal demonstration program, developed a certification process, certified clinics, and co-authored the State Plan Amendment that permanently embedded CCBHC into Minnesota's Medicaid State

Plan. Dr. King earned her Doctor of Psychology from JFK University and her bachelor's degree in psychology from Occidental College, both in California. She currently resides in Minneapolis.



A. Cate Miller, PhD is a Rehabilitation Program Specialist at the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR) in the Administration for Community Living, U.S. Department of Health and Human Services. Dr. Miller came to NIDILRR in 2003 with experience in clinical, research and teaching endeavors. In 1991 she received her doctorate in psychology from Columbia University after earning masters degrees from both Harvard and Columbia Universities. Dr. Miller was a Clinical Assistant Professor at New York University Medical Center, Rusk Institute of Rehabilitation Medicine where she worked in both research and clinical capacities with children with developmental disabilities and traumatic brain injuries. At NIDILRR she is the Program Manager of the Traumatic Brain Injury (TBI) Model System Centers Program, a network of 16 centers nationwide, each

providing a multidisciplinary system of rehabilitation care including emergency medical, acute medical, and post-acute and community-based services. In addition to providing direct services, these centers play a pivotal role in building the national capacity for high quality treatment and research serving persons with TBI, their families and the communities in which they reside. Dr. Miller has assisted in the creation of interagency TBI research initiatives between NIDILRR's TBI Model System Centers Program and federal agencies, including the Department of Veterans Affairs, the Department of Defense, the National Institutes of Health, and the Centers for Disease Control and Prevention.

SESSION 4



Courtney R. Edwards, DNP, MPH, RN, CCRN, CEN, TCRN, NEA-BC, FAEN serves as the Director of Nursing for Trauma Community Outreach and the BioTel EMS System at Parkland Health in Dallas, Texas. In this role, she leads the external operations of a Level I Trauma Center, overseeing community injury prevention, trauma outreach education, coalition development, and clinical research for Emergency Services and Trauma. She also provides executive oversight for regional EMS medical direction supporting more than 2.4 million residents and 260,000 annual EMS calls, while guiding system-wide initiatives that strengthen emergency care delivery, preparedness, and performance improvement. Dr. Edwards holds a Doctor of Nursing Practice from Texas Christian University and *Master of Public Health*

from the University of North Texas Health Science Center.

A nationally recognized leader in emergency nursing and trauma systems, Dr. Edwards has held numerous leadership roles within state and national professional organizations. Her contributions span evidence-based injury prevention, trauma system development, EMS integration, and advancing the professional practice of emergency nursing. Dr. Edwards is a Fellow in the Academy of Emergency Nursing, honoring her sustained impact on emergency care, public health, and the nursing profession. Courtney continues to provide direct bedside care as a member of the Parkland Trauma Team.



Arman Fesharaki-Zadeh, MD, PhD is an Assistant Professor of Psychiatry and Neurology at Yale School of Medicine. He is a neuropsychiatrist and translational neuroscience researcher whose work focuses on traumatic brain injury (TBI) and its chronic neurocognitive and neurobehavioral sequelae. His training spans adult psychiatry, behavioral neurology and neuropsychiatry, and bench neuroscience, providing a uniquely integrated perspective that bridges basic science and clinical care. This multidisciplinary background enables him to translate mechanistic insights into targeted therapeutic strategies for patients with TBI. His foundational laboratory research examined the interaction between TBI and post-traumatic stress disorder (PTSD) using preclinical models, as well as the effects of repetitive brain injury. Building on this work, his ongoing translational and clinical research has focused on developing and evaluating novel pharmacologic interventions for post-concussive syndrome and post-traumatic encephalopathy in patients with moderate to severe TBI. His work has been published in peer-reviewed journals and presented at major national scientific meetings, including the National Neurotrauma Society and the American Neuropsychiatric Association.



Monique R. Pappadis, MEd, PhD, FACRM is the Assistant Dean of Community-Based Research and 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 core leader of the Clinical and Community-Based Resource Core for the UTMB Pepper Center. Dr. Pappadis is also the Director of Dissemination and Cultural Humility at TIRR Memorial Hermann's Brain Injury Research Center in Houston, Texas. Her research aims to advance health equity 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, 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. She is recognized nationally for her professional service, contributions to the medical rehabilitation field, and mentorship of scholars in the US and abroad. She previously served as a workshop planning committee member and an invited speaker to the National Academies Forum on Traumatic Brain Injury public workshops.

SESSION 5



Stuart Hoffman, PhD is the Director of the TBI Actively Managed Portfolio (TBI AMP) in the Office of Research and Development. Dr. Hoffman joined the VA Office of Research and Development in 2010. Dr. Hoffman is responsible for providing overall direction, program planning, development and implementation for ORD TBI and related brain health research; coordinating with ORD leads and Federal partners in high priority efforts in TBI and brain health; promoting TBI research data sharing; and the expansion of the clinical trials network nationally to improve TBI treatments and diagnostics for Veterans. Dr. Hoffman also represents VA at National Academies of Science, Engineering, and Medicine (NASEM) on both the Neuroscience and Nervous Systems Disorders Forum and the TBI Forum.

SESSION 6



Kim Gorgens, PhD, ABPP is a board-certified rehabilitation psychologist and Professor of Psychophysiology, Clinical Neuropsychology and Psychology of Criminal Behavior at the University of Denver. She manages a large portfolio of brain injury related research and has lectured extensively on those issues around the world. She has a 2010 TED talk on youth sports concussion and a 2018 TED talk on brain injuries in criminal justice with 3.5M views. She has been interviewed on CNN with Anderson Cooper, NPR, and on 20/20 and her work with brain injuries has been featured in USNews, Newsweek, the Economist, People Magazine, and more. She has a small forensic neuropsychology practice with juvenile and death penalty cases and is active in legislative and policy development around best practices in brain injury. Her research studies the reported injury history, cognitive

function, and brain biomarkers of all vulnerable populations including young and older athletes, probationers and inmates, persons who are unhoused, and women who have been exposed to interpersonal violence.

Gorgens is a member of the Board of Educational Affairs of the American Psychological Association and is the Past-President of the American Psychological Association's Division on Rehabilitation Psychology. She is also the former Vice President of the American Board of Rehabilitation Psychology, a former President of the Colorado Neuropsychological Society, a previous Chair of the American Psychological Association Committee on Disability Issues in Psychology, and served as an elected representative on the American Psychological Association Council of Representatives. She is active in legislative and policy development around best practices in brain injury. Specifically, as part of the Colorado Brain Injury Legislative Collaborative, she was involved in drafting and supporting the 2011 concussion law for the State of Colorado (Senate Bill 40 – The Jake Snakenberg Youth Concussion Act), and the 2021 Senate Bill to require screening for brain injuries in Department of Corrections and the 2022 Senate Bill to require that victims of violent crime be screened for brain injury.

Daniel W. Klyce, Ph.D., ABPP is a clinical psychologist whose work focuses on the psychological and social aspects of traumatic brain injury (TBI). He serves as co principal investigator for the Department of Veterans Affairs Polytrauma Rehabilitation Center Traumatic Brain Injury Model Systems (PRC TBIMS) project at the Richmond VA Medical Center. Dr. Klyce is a board certified specialist in Rehabilitation Psychology, practicing primarily in inpatient brain injury rehabilitation. He provides clinical and interprofessional consultation as the Rehabilitation

Psychology Advisor for the Sheltering Arms Institute and is an adjunct associate professor in the Department of Physical Medicine and Rehabilitation at Virginia Commonwealth University. He is an associate editor for the American Psychological Association's journal *Rehabilitation Psychology*, serves on the Board of Directors for the Brain Injury Association of Virginia, and is the president-elect of the Academy of Rehabilitation Psychology.



Daniel W. Klyce, PhD, ABPP is a clinical psychologist whose work focuses on the psychological and social aspects of traumatic brain injury (TBI). He serves as co-principal investigator for the Department of Veterans Affairs Polytrauma Rehabilitation Center Traumatic Brain Injury Model Systems (PRC-TBIMS) project at the Richmond VA Medical Center. Dr. Klyce is a board-certified specialist in Rehabilitation Psychology, practicing primarily in inpatient brain injury rehabilitation. He provides clinical and interprofessional consultation as the Rehabilitation Psychology Advisor for the Sheltering Arms Institute and is an adjunct associate professor in the Department of Physical Medicine and Rehabilitation at Virginia Commonwealth University. He is an associate editor for the American Psychological Association's journal *Rehabilitation Psychology*, serves on the Board of Directors for the Brain Injury Association of Virginia, and is the president-elect of the Academy of Rehabilitation Psychology.



Octavio N. Martinez, Jr., MD, MPH, MBA, DLFAPA is executive director of the Hogg Foundation for Mental Health and Senior Associate Vice-President at The University of Texas at Austin. He is also the Associate Chair of Faculty Academic Affairs for the Dell Medical School Department of Psychiatry and Behavioral Sciences. Martinez is a Professor of Psychiatry at DMS, Clinical Professor at the UT School of Social Work; Faculty Affiliate of the Rapoport Center for Human Rights and Justice in the School of Law, and Adjunct Professor of Psychiatry at the Long School of Medicine, UT Health San Antonio. He currently serves on the National Academies of Medicine's Health and Medicine Division's Forum on Mental Health and Substance Use Disorders, the Meharry School of Global Health Founding Advisory Board, and the board of Trust for America's Health. Martinez recently served on the Advisory Committee to the Director of the CDC and was a member of the Presidential COVID-19 Health Equity Task Force for the White House. His main research focus is on mental health disparities and inequities and received the 2024 Marion Langer Award for his contributions. He has a master's degree in public health from Harvard University's School of Public Health, a doctor's degree in medicine from Baylor College of Medicine, and master's and bachelor's degrees in business administration with a concentration in finance from The University of Texas at Austin. Martinez is also an alumnus of The Commonwealth Fund/Harvard University Fellowship in Minority Health Policy at Harvard Medical School.



Rebecca Quinn, MSW, LCSW, CBIST serves as an associate director for the Center for Rural Health at the University of North Dakota (UND) School of Medicine & Health Sciences in Grand Forks. Rebecca manages the North Dakota Brain Injury Network and Project ECHO. She is also oversees the North Dakota State Office of Rural Health. Rebecca's past experience includes working in various settings, primarily in the healthcare field. She served as an adjunct professor in the Social Work department at UND where she taught courses on gerontology and substance abuse. Rebecca is a licensed social worker and obtained her Master of Social Work degree from the University of Texas at Arlington in May 2000 and her Bachelor of Arts degree from Texas A&M in 1997.



Amanda Rabinowitz, PhD is Associate Director of the Moss Rehabilitation Research Institute and Director of the Brain Injury Neuropsychology Laboratory. She also serves as Associate Professor of Rehabilitation Medicine at the Sidney Kimmel Medical College at Thomas Jefferson University in Philadelphia. Her research focuses on improving outcomes across the spectrum of traumatic brain injury (TBI) severity, with particular interests in the emotional and behavioral consequences of injury, real-time symptom monitoring, long-term recovery trajectories, and mild TBI diagnosis. Dr. Rabinowitz's research program integrates behavioral intervention, ecological momentary assessment, and network-based analytic approaches to better understand and address the heterogeneity of post-injury experience. She has led and contributed to federally funded studies developing scalable mHealth interventions for individuals with moderate to severe TBI, and has applied personalized symptom network modeling to mild TBI to characterize individual differences in symptom dynamics. Through her long-term outcomes work as part of the TBI Model Systems, she has examined how clinical, personal, and environmental factors shape recovery over decades, contributing to a growing understanding of TBI as a chronic condition requiring ongoing, individualized care.



Caitlin Synovec, OTD, OTR/L, BCMH is an occupational therapist with clinical experience in working with adults experiencing homelessness to improve quality of life and engagement in their preferred communities. She has completed clinical research to address the intersection of homelessness, poverty, brain injury, behavioral health, and chronic conditions, and their impact on health and community living. Caitlin's experience also includes program development for collaborative and interdisciplinary care, as well as clinical education and training for health care and direct service providers. She is currently the Assistant Director of Medical Respite Care for the National Health Care for the Homeless Council, providing training, technical assistance, and advocacy to advance the field of medical respite and homeless health care. She also works with the National Association of State Head Injury Administrators as a consultant.

About the Forum on Traumatic Brain Injury

The Forum on Traumatic Brain Injury was established in 2022 to bring together leaders and experts from across the TBI community – including federal agencies, biomedical and clinical researchers, rehabilitation and care specialists, foundations, brain injury advocates, and private sector partners – to foster system-level improvements in prevention, care and recovery aligned with the latest science and responsive to the needs of patients and families. Information on the Forum and its work is available at <https://www.nas.edu/TBIForum>.

The TBI Forum serves as a catalyst to:

- Advance recommendations from the National Academies report [Traumatic Brain Injury: A Roadmap for Accelerating Progress](#) (2022) in such including TBI classification, acute and chronic care management, integrated learning systems, research and innovation, and national strategy.
- Align efforts around shared priorities and foster communication and collaboration.
- Highlight achievements and gaps, share new approaches and methodologies, and facilitate analysis of solutions grounded in collective expertise.
- Inspire action to improve research and care systems along the continuum from prevention through acute care, rehabilitation, and return.
- Inform policy dialogues and priority setting.

The Forum holds spring and fall business meetings, organizes public workshops and webinars, and undertakes additional activities such as establishing action collaboratives, convening topical expert meetings, commissioning background papers, and developing member-authored articles. It provides:

- A neutral platform for connection and shared learning. The Forum brings together leaders across prevention, care, research, and policy to exchange insights, stay informed on key initiatives, and build relationships around shared priorities.
- A venue to elevate priorities and emerging needs. Workshops, webinars, and other activities surface critical issues, create space for constructive dialogue, and explore approaches to long-standing challenges and barriers.
- A hub for collaborative action. The Forum platform facilitates member co-development of strategies and tools aligned with shared priorities and opportunities.
- A mechanism to share and translate evidence into practice. Through efforts such as the Action Collaborative on TBI Care, the Forum advances learning health systems and works to strengthen evidence-based care and guidelines and support more coordinated care pathways that improve outcomes.

TBI Forum Co-Chairs



Donald M. Berwick, MD, MPP, FRCP, KBE is a former Administrator of the Centers for Medicare and Medicaid Services (CMS) and President Emeritus of the Institute for Healthcare Improvement (IHI), an organization he co-founded and led as President and CEO for 19 years. He is one of the nation's leading authorities on health care quality and improvement. A pediatrician by background, Dr. Berwick has served as Clinical Professor of Pediatrics and Health Care Policy at the Harvard Medical School, Professor of Health Policy and Management at the Harvard School of Public Health, and as a member of 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 Board of Trustees of the American Hospital Association, and chair of the National Advisory Council of the Agency for Healthcare Research and Quality. He is an elected member of the American Philosophical Society, the American Academy of Arts and Sciences, and the National Academy of Medicine (formerly the Institute of Medicine). Dr. Berwick served two terms on the IOM's governing Council, was a member of the IOM's Global Health Board, and chaired the NAM Board on Health Care Services. He served on President Clinton's Advisory Commission on Consumer Protection and Quality in the Healthcare Industry. His numerous awards include the 2007 William B. Graham Prize for Health Services Research, the 2006 John M. Eisenberg Patient Safety and Quality Award, and the 2007 Heinz Award for Public Policy. In 2005, he was appointed Honourary Knight Commander of the British Empire by Her Majesty Queen Elizabeth II, the highest honor in the UK for non-UK citizens. He is the author or co-author of over 200 scientific articles and six books.



Corinne Peek-Asa, PhD joined UC San Diego in 2022 as the Vice Chancellor for Research and Innovation, and Distinguished Professor in the Herbert Wertheim School of Public Health and Human Longevity Science. In her role as VCRI, she supports UC San Diego's \$1.7 billion research and innovation portfolio and works extensively with internal and external partners to support the campus and region. She has successfully expanded innovation activities in climate, national security, health, and broadening EDI programs for entrepreneurs. She is the Principal Investigator on grants from the Office of Naval Research and the State of California to expand UC San Diego's research-to-innovation pipeline.

Dr. Peek-Asa's research focuses on the epidemiology and prevention of traumatic injuries and violence. She is an elected member of the National Academy of Medicine and co-chairs the National Academies Accelerating Research in Traumatic Brain Injury Forum. She directs one of six National Institutes of Health-funded International Trauma Training Programs to build capacity in trauma and violence research. She is a founding member and past President of the Society for the Advancement of Violence and Injury Research and was named a ResearchAmerica! Public Health Hero.

Forum Roster

DONALD BERWICK (*Co-chair*), Institute for Healthcare Improvement (Emeritus)
CORINNE PEEK-ASA (*Co-chair*), University of California, San Diego
HIBAH AWWAD, National Institute of Neurological Disorders and Stroke
JOE BONNER, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development
JAVIER CÁRDENAS, West Virginia University and American Academy of Neurology
JOHN CORRIGAN, Ohio State University and Brain Injury Association of America
RAMON DIAZ-ARRASTIA, University of Pennsylvania Perelman School of Medicine
LAGWYN DURDEN, National Collegiate Athletic Association
COURTNEY EDWARDS, Parkland Health and Emergency Nurses Association
E. WESLEY ELY, Vanderbilt University Medical Center
BRUCE EVANS, Upper Pine River Fire Protection District and National Association of Emergency Medical Technicians
STEVEN FLANAGAN, New York University Grossman School of Medicine and American Academy of Physical Medicine and Rehabilitation
DAVID GOLDSTEIN, Health Care Transformation Task Force
MAGALI HAAS, Cohen Veterans Bioscience
ODETTE HARRIS, Stanford University School of Medicine and VA Palo Alto Health Care System
STUART HOFFMAN, Department of Veterans Affairs
RICHARD HODES, National Institute on Aging
FREDERICK KORLEY, University of Michigan
VESNA KUTLESIC, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development
RACHEL LAZARUS, AARP
KATHY LEE, Department of Defense
JULIE MALLOY, American Occupational Therapy Association
GEOFFREY MANLEY, University of California, San Francisco, and Zuckerberg San Francisco General Hospital
LUCA MARINELLI, GE HealthCare Technology & Innovation Center
CHRISTINA L. MASTER, University of Pennsylvania Perelman School of Medicine and Children’s Hospital of Philadelphia
BETH MCQUISTON, Abbott Laboratories
CATE MILLER, National Institute on Disability, Independent Living, and Rehabilitation Research
CANDICE NASH, Toyota Motor North America
CHRIS NOWINSKI, Concussion Legacy Foundation
TESSIE OCTOBER, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development
DAVID OKONKWO, University of Pittsburgh School of Medicine
TOLULOPE O. OYESANYA, Duke University School of Nursing
MAYUR B. PATEL, Vanderbilt University Medical Center and American College of Surgeons Committee on Trauma
ANITA RAVI, PurpLE Health Foundation and National Academy of Medicine James C. Puffer, MD/American Board of Family Medicine Fellow
JOEL SCHOLTEN, Department of Veterans Affairs
DOUGLAS SMITH, University of Pennsylvania and National Neurotrauma Society
SHELLY TIMMONS, Medical College of Wisconsin and American Association of Neurological Surgeons
NSINI UMOH, National Institute of Neurological Disorders and Stroke
GAMUNU WIJETUNGE, National Highway Traffic Safety Administration
REBECCA WOLFKIEL, National Association of State Head Injury Administrators
KRISTINE YAFFE, University of California, San Francisco

ACTION COLLABORATIVE ON TBI CARE

Action Collaborative members identify and disseminate best practices and models for outpatient follow-up in the months after injury, including core elements of TBI care clinics, evidence-based management for recovery after TBI, and discharge and return to work information. These materials contribute to a learning network of clinics being established at sites across the country.

GEOFFREY MANLEY, University of California San Francisco (AC lead)

Working Group on Follow Up Care: **MICHAEL, MCCREA**, Medical College of Wisconsin and **FLORA HAMMOND**, Indiana University School of Medicine (co-leads). Members are developing a framework on multidimensional goals relevant to TBI follow-up care.

Working Group on Clinical Components: **JAVIER CARDENAS**, West Virginia University Health System and **CHRISTINA MASTER**, University of Pennsylvania and Children’s Hospital of Philadelphia (co-leads). Members are describing core elements that form part of a multidisciplinary follow-up care clinic for TBI.

Working Group on Clinical Practice Guidelines: **NOAH SILVERBERG**, University of British Columbia and **KATHY LEE**, Department of Defense (co-leads). Members are analyzing clinical practice guidelines to inform evidence-based recovery and wellness management for people with TBI.

Working Group on TBI Educational Materials and Discharge Instructions: **KELLY SARMIENTO**, Centers for Disease Control and Prevention and **ODETTE HARRIS**, Stanford University School of Medicine and VA Palo Alto Health Care System (co-leads). Members are providing input on adult TBI discharge instructions, symptom-based recovery tips, and return to work information.

Lived Experience Input: **SCOTT W. HAMILTON**, Brain Care Catalyst Foundation (lead). Action Collaborative efforts work to incorporate the views of those who have experienced TBI to ensure that resources are thoughtfully developed to meet the needs of patients and families.

The Action Collaborative is an ad hoc activity convened under the auspices of the Forum on Traumatic Brain Injury at the National Academies of Sciences, Engineering, and Medicine. The work the collaborative produces does not necessarily represent the views of any one organization, the TBI Forum, or the National Academies and is not subjected to the review procedures of, nor is it a report or product of, the National Academies.