



Addressing Health Disparities in Central Nervous System Disorders

A Workshop Series

Virtual Workshop #3 – Moving Forward to Drive Transformative Change

Tuesday, April 25 – 11:00am–1:00pm (ET)

WORKSHOP SERIES OBJECTIVES

This public workshop series will bring together experts and key stakeholders from academia, industry, government, philanthropic foundations, and disease-focused non-profit organizations to examine health disparities in central nervous system (CNS) disorders; further understand the underlying causal factors when race and ethnicity are used as proxy measures; and discuss open research questions, policy implications, and opportunities to move the field forward in an ethical manner.

Invited presentations and discussions may:

- Review the current state of knowledge regarding health disparities in CNS disorders and the evidence needed to address gaps in understanding, including in areas that are undervalued/neglected as a reflection of the current makeup of the neuroscience research workforce.
- Explore available evidence on the impact of psychosocial and environmental factors (e.g., exposure to environmental toxins, racism, and discrimination) on CNS disorders and how they contribute to health disparities.
- Consider models of research approaches and other models designed to enable better inclusion of underrepresented and excluded populations throughout the entire research and development trajectory for CNS disorders to generate more robust, generalizable, and equitable findings; highlight case studies and available evidence of their effectiveness.
- Explore potential multidisciplinary collaborations—for example among basic mechanistic science, cognitive neuropsychology, epidemiology, and technology development—to further elucidate these topics and rigorously combine methods in their respective fields.

TUESDAY, APRIL 25, 2023 (All times listed in ET)

11:00-11:05am

Welcome and Workshop Series Overview

YASMIN HURD, Icahn School of Medicine at Mount Sinai; *Workshop Co-chair*

JOHN KRYSTAL, Yale School of Medicine; *Workshop Co-chair*;

Co-chair, Forum on Neuroscience and Nervous System Disorders

11:05-11:55am **Session 1: Addressing Structural Constraints Preventing Transformative Change**

- Review areas that are undervalued/neglected as a reflection of the current makeup of the neuroscience research workforce.
- Discuss the importance of diverse representation in sample sets, tissue banks, biobanks, etc.
- Highlight how basic science models and non-human modeling can impact health equity.
- Discuss what social and other factors are race and ethnicity proxy for. Consider what the underlying causal factors are when race and ethnicity are used as proxy measures.
- Review how the lack of acknowledgment of intersectionality impacts the diagnosis, prognosis, and treatment of CNS disorders.

11:05-11:10am **Session Overview**

CHRISTINA BORBA, National Institute of Mental Health, *Planning Committee Member, Session Co-Moderator*

11:10–11:30am **Speakers**

ALVIN HATHAWAY, African Ancestry Neuroscience Research Initiative
HECTOR GONZÁLEZ, University of California, San Diego
NINA WALLERSTEIN, University of New Mexico
TRACY WANG, Patient-Centered Outcomes Research Institute

11:30–11:55am **Moderated Panel Discussion and Audience Q&A**

Moderator: KATJA BROSE, The Chan Zuckerberg Initiative, *Planning Committee Member, Session Co-Moderator*

11:55–12:00pm **BREAK**

12:00-1:00pm **Session 2: Innovative Approaches and Collaborations to Create Transformative Change**

- Explore potential multidisciplinary collaborations - for example among basic mechanistic science, cognitive neuropsychology, epidemiology, and technology development - to further elucidate these topics and rigorously combine methods in their respective fields.
 - Discuss what catalyst/incentive is needed to spark the creation of these unique collaborations (multi-, inter-, and trans-disciplinary collaborations).
 - Consider how to these unique collaborations sustainable beyond the awarded project period.
- Highlight the role of investigators, the government, industry, non-profits, and community members in creating transformative change.

12:00–12:10pm

Synthesis of Key Themes from the Workshop Series

YASMIN HURD, Icahn School of Medicine at Mount Sinai; *Workshop Co-Chair*
JOHN KRYSTAL, Yale University; *Workshop Co-Chair, Co-chair, Forum on
Neuroscience and Nervous System Disorders*

12:10–12:15pm

Session Overview

RICHARD BENSON, National Institute of Neurological Disorders and Stroke; *Planning
Committee Member; Session Moderator*

12:15–12:35pm

Speakers

JOSEPH P. GONE, Harvard University
STEPHANIE MONROE, UsAgainstAlzheimer's
OLAJIDE WILLIAMS, Columbia University
NEERAJ GANDOTRA, Substance Abuse and Mental Health Administration

12:35–12:55pm

Moderated Panel Discussion and Audience Q&A

12:55–1:00pm

Closing Remarks and Adjourn

YASMIN HURD, Icahn School of Medicine at Mount Sinai; *Workshop Co-Chair*
JOHN KRYSTAL, Yale University; *Workshop Co-Chair, Co-chair, Forum on
Neuroscience and Nervous System Disorders*