



Mitigating Health Disparities in Brain Disorders Starting with Basic Science

A Workshop

National Academy of Sciences Building, 2101 Constitution Ave. NW, Washington, DC 20418

November 12th (Sunday), 6:30 pm – 9:00 pm ET

EVENT OBJECTIVES

Racism, discrimination, and social determinants of health have contributed to disparities in health and health outcomes, particularly in central nervous system (CNS) disorders. The National Academies of Sciences, Engineering, and Medicine's Forum on Neuroscience and Nervous Systems Disorders proposes to host a satellite event that provides an opportunity for the neuroscience community, including basic scientists, journal editors, and funders, to explore opportunities to mitigate health disparities in brain science methodologies and research approaches in a panel discussion. Following the panel, participants and speakers will have the opportunity to engage in small group conversations to discuss current opportunities for collaboration and learn more about how to further health equity in neuroscience.

Participants will be invited to:

- Explore key issues in health disparities for central nervous system disorders and opportunities for contributors within the neuroscience community (e.g., researchers, journal editors, and funders) to address them.
- Reflect on potential areas of implicit bias (e.g., in research questions, methodologies, and neurotechnology) and strategies to reduce their impact.
- Discuss the scientific importance of and barriers to utilizing biological material from populations that have been historically underrepresented in neuroscience research.
- Highlight approaches and the scientific value to engaging people with lived experience (e.g., people with brain disorders and caregivers) throughout the research process.



6:30-6:35pm	<p>Welcome and Workshop Series Overview John Krystal, Yale School of Medicine <i>Co-chair, Forum on Neuroscience and Nervous System Disorders</i></p>
6:35-7:30pm	<p>Panel Discussion</p>
	<ul style="list-style-type: none"> • Reflect the potential areas of implicit bias (e.g., research questions, methodologies, and neurotechnology) and strategies to reduce their impact. • Discuss the benefits and barriers to utilizing biological material from populations that have been historically underrepresented in neuroscience research. • Explore potential interdisciplinary collaborations (e.g., public health, community participatory research, data science, and social sciences) to further elucidate opportunities to reduce the occurrence of health disparities in brain disorders and rigorously combine methods in their respective fields.
6:35-6:40pm	<p>Introductory Remarks Sheena Posey Norris, National Academies of Sciences, Engineering, and Medicine <i>Director, Forum on Neuroscience and Nervous System Disorders</i></p>
6:40-7:00pm	<p>Speakers Walter Koroshetz, National Institute of Neurological Disorders and Stroke Kacie Deters, University of California, Los Angeles Danny Weinberger, Johns Hopkins University Ekemini A. U. Riley, Aligning Science Across Parkinson’s Shari Wiseman, Nature Neuroscience</p>
7:00-7:45pm	<p>Moderated Panel Discussion and Audience Q&A Sheena Posey Norris, National Academies of Sciences, Engineering, and Medicine <i>Director, Forum on Neuroscience and Nervous System Disorders</i></p>
7:45-7:55pm	<p>Event Recap and Closing Remarks John Krystal, Yale School of Medicine <i>Co-chair, Forum on Neuroscience and Nervous System Disorders</i></p>
7:55-9:00pm	<p>Networking and Roundtable Discussions</p>
	<ul style="list-style-type: none"> • Network with other participants and experts to share professional experiences, explore opportunities and challenges, and discuss



	<p>available resources.</p> <ul style="list-style-type: none">• Each table will have a topic displayed to attract individuals with common interests and spark conversation.
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