Neuroscience Training: Developing a Nimble and Versatile Workforce—
A Virtual Workshop Series

Topic #3: Fostering Inclusion, Equity, and Diversity in Neuroscience Training

January 25, 2021
Virtual via Webcast

About this Workshop

Fostering a diverse neuroscience workforce, as well as an environment that is inclusive for all, are critical to the advancement of science and the future of the field. This virtual workshop—the third in a series—will tackle the broad topic of inclusion and diversity in neuroscience training to include discussions on racial equity (*expanding on themes from the first workshop in the series*), supporting a global workforce, institutional and geographic diversity, unique challenges for women in science, and understanding how the goals of inclusion intersect with the goals around changing the culture of science. This workshop will also consider the changes needed to move the field forward in this space.

About the Workshop Series on Neuroscience Training

Cutting-edge neuroscience research increasingly demands extensive technological, computational, and statistical skills, and involves large collaborations. Trainees are pursuing a broad range of careers in academia, private sector industries--which has evolved beyond pharmaceutical and biotech companies, to include engineering, data science, venture capital firms, and finance--policy, publishing, and non-profit organizations. Moreover, traditional boundaries between sectors are becoming less rigid, with more extensive partnerships among the private sector and academia and more academics helping to found biotech companies. Taken together, these factors raise important questions about to how to design training programs that foster innovation across a dynamic ecosystem and ensure that a diverse next generation of neuroscientists has the knowledge, skillset, and support needed to pursue multiple career paths devoted to advancing biomedical science.

The Action Collaborative on Neuroscience Training: Developing a Nimble and Versatile Workforce, an initiative associated with the National Academies' Forum on Neuroscience and Nervous System Disorders, brings together a wide range of stakeholders, representing different sectors and career stages, to examine current and future workforce needs within and outside of academia and explore how these should inform neuroscience training programs.

The action collaborative's virtual workshop series aims to illuminate critical issues and provide a venue for sharing ways to move forward. Workshops in this series have and may address topics such as:

- Racial justice, diversity, equity, and inclusion in neuroscience training (August 20, 2020);
- Neuroscience training in challenging times (January 19, 2021);
- Re-envisioning postdoctoral neuroscience training (February 16, 2021); and
- Evolving the culture of science and training to meet a changing world (February 22, 2021).

January 25, 2021

12:00pm   Welcome and Workshop Overview

                        SHANE LIDDELOW, New York University

Panel I: Personal Perspectives on the Need for Broader Inclusion and Diversity in Neuroscience Training

12:05pm   Session overview

                        SHANE LIDDELOW, New York University

12:15pm   Panelists

                        MAHMOUD BUKAR MAINA, University of Sussex
                        LUCAS CHEADLE, Cold Spring Harbor Laboratory
                        BIANCA JONES MARLIN, Columbia University
                        CAROLYN RODRIGUEZ, Stanford University School of Medicine

12:55pm   BREAK

Panel II: Institutional Perspectives on Changes Needed to Foster Inclusion, Equity, and Diversity in Neuroscience Training

1:00pm   Session overview

                        YASMIN HURD, Icahn School of Medicine at Mount Sinai

1:10pm   Panelists

                        LORI CHIBNIK, The Broad Institute of MIT and Harvard
                        LESIA CRUMPTON-YOUNG, Morgan State University
                        HUSSEINI MANJI, Johnson & Johnson
                        ERIN SCHUMAN, Max Planck Institute for Brain Research

1:55pm   Final remarks

                        YASMIN HURD, Icahn School of Medicine at Mount Sinai

2:00pm   Adjourn Workshop

Continue the conversation and join the workshop panelists and members of the action collaborative on *Neuroscience Training: Developing a Nimble and Versatile Workforce* in an online chat session on Slack immediately following the workshop.

Action Collaborative Members

Rita Balice-Gordon (Co-Chair), Muna Therapeutics
Katja Brose (Co-Chair), The Chan Zuckerberg Initiative
Rosalind Segal (Co-Chair), Harvard University
Huda Akil, University of Michigan
David Cox, IBM Research AI
Sara Fenstermacher, New York University
Ayana Jordan, Yale School of Medicine
Stephen Korn, National Institute of Neurological Disorders and Stroke
Walter Koroshetz, National Institute of Neurological Disorders and Stroke
John Krystal, Yale School of Medicine
Alan Leshner, American Association for the Advancement of Science (CEO Emeritus)
Peter MacLeish, Morehouse School of Medicine
Carol Mason, Columbia University
Gentry Patrick, University of California, San Diego
Todd Sherer, The Michael J. Fox Foundation for Parkinson's Research
Kaela S. Singleton, Emory University
M. Morgan Taylor, The Broad Institute
Ashlee Van't Veer, National Institute of Mental Health
Cristin Welle, University of Colorado, Denver
Andrew Welchman, Wellcome Trust