Committee on the Use of Race and Ethnicity in Biomedical Research

Public Workshop
January 31, 2024

WORKSHOP OBJECTIVES

- Consider how race and ethnicity are used through the research process
- Learn about new research approaches and alternatives to using race and ethnicity categories
- Explore different research contexts in which race and ethnicity arise (e.g., in the clinic, development of clinical tools, industry)

WEDNESDAY, JANUARY 31, 2024

9:00 am – 4:30 pm ET

OPEN SESSION – PUBLIC WORKSHOP

Webcast: https://www.nationalacademies.org/event/41676_01-2024_the-use-of-race-and-ethnicity-in-biomedical-research-meeting-3

SESSION I: Human Physical Variation and Effects on Health Research

Session Objectives:
- Learn how human phenotypic variation in skin pigmentation, for example, can be characterized
- Discuss how variation in traits like skin color and hair contributes to downstream effects in biomedical research
- Consider new approaches to measure and account for phenotypic variation in research

9:00 – 9:05 AM ET	**Welcome and Overview** **M. Roy Wilson**, *Committee Chair* President Emeritus Wayne State University
9:05 – 9:10 AM	**Introduction to the Session** **Neil Powe**, *Session Moderator* Constance B. Wofsy Distinguished Professor and Vice-Chair of Medicine University of California San Francisco
9:10 – 9:55 AM	**Speakers' Opening Remarks**

Nina Jablonski
Atherton Professor, Evan Pugh University Professor Emerita of Anthropology
The Pennsylvania State University

Heather Norton
Associate Professor and Director of Graduate Studies
University of Cincinnati

Kimani Toussaint
Senior Associate Dean for Research and Strategic Initiatives
Thomas J. Watson Sr. Professor of Science
Brown University

9:55 – 10:20 AM   **Panel Discussion**

10:20 – 10:35 AM   **BREAK**

SESSION II: Alternatives to Using Race and Ethnicity Categories in Research

Session Objectives:
- Discuss alternatives to using race and ethnicity categories (e.g., OMB categories) in research
- Explore qualitative and quantitative methods for examining race and ethnicity in research
- Consider the advantages and disadvantages of collecting race and ethnicity data

10:35 – 10:40 AM   **Introduction to the Session**
Roland J. Thorpe, Jr., *Session Moderator*
Professor and Associate Vice Provost of Faculty Diversity
Johns Hopkins Bloomberg School of Public Health

10:40 – 11:25 AM   **Speakers' Opening Remarks**

Ellis Monk
Professor of Sociology
Harvard University

Paris "AJ" Adkins-Jackson
Assistant Professor of Epidemiology and Sociomedical Sciences
Columbia Mailman School of Public Health

Chandra L. Ford
Professor of Behavioral, Social and Health Education Sciences
Professor of African American Studies
Emory University

11:25 – 11:50 AM   **Panel Discussion**

11:50 AM – 12:30 PM   **BREAK**

SESSION III: Race and Ethnicity in Clinical Data Collection, Algorithms, and Tools

Session Objectives:
- Examine how race and ethnicity are currently used in clinical algorithms and decision-making tools and discuss the effects of this use
- Explore whether and how race and ethnicity could be used in the development of future clinical algorithms

12:30 – 12:35 PM   **Introduction to the Session**
Shyam Visweswaran, *Session Moderator*
Professor and Vice Chair of Clinical Informatics
University of Pittsburgh

12:35 – 1:20 PM   **Speakers' Opening Remarks**

Karen Wang
Assistant Professor of Internal Medicine and Health Informatics
Yale School of Medicine

Judy Wawira Gichoya
Associate Professor in the Department of Radiology and Imaging Sciences
Emory University School of Medicine

Marzyeh Ghassemi
Assistant Professor, Electrical Engineering and Computer Science and Institute for Medical Engineering & Science
Massachusetts Institute of Technology

1:20 – 1:45 PM   **Panel Discussion**

SESSION IV: Intersection of Race and Ethnicity in Biomedical Research and Clinical Applications

Session Objectives:
- Discuss how incorporating race and ethnicity (or not) in early-stage research influences applications in the clinic
- Explore best practices for collecting patient or research participant information for use in research

1:45 – 1:50 PM   **Introduction to the Session**
Carmen Guerra, *Session Moderator*
Ruth C. and Raymond G. Perelman Professor of Medicine
University of Pennsylvania

1:50 – 2:35 PM   **Speakers' Opening Remarks**

Valerie M. Harvey
Immediate Past President
Skin of Color Society

Ruth Carlos
Professor of Radiology and Assistant Chair for Clinical Research
University of Michigan

Elizabeth Selvin
Professor of Epidemiology
Johns Hopkins Bloomberg School of Public Health

2:35 – 3:00 PM   **Panel Discussion**

3:00 – 3:10 PM   **BREAK**

SESSION V: Industry Perspective on the Use of Race and Ethnicity in Research

Session Objectives:
- Discuss how regulatory considerations influence collection of race and ethnicity data.
- Explore incentives and disincentives for changing how race and ethnicity data are collected for industry research.

3:10 – 3:15 PM   **Introduction to the Session**
                        Husseini Manji, *Session Moderator*
                        Co-Chair, UK Govt Mental Health Mission
                        Professor, Oxford University

3:15 – 4:00 PM   **Speakers' Opening Remarks**

                        Vaibhav Narayan
                        Chief Industry Officer of UK Mental Health Mission
                        University of Oxford

                        Anne Lawrence
                        Head of US Clinical Operations
                        GSK

                        Pierre Theodore
                        Executive Director of Health Equity
                        Genentech

4:00 – 4:25 PM   **Panel Discussion**

4:25 – 4:30 PM   **Concluding Remarks**

4:30 PM   *Adjourn*