# The National Academies of
# SCIENCES · ENGINEERING · MEDICINE

HEALTH AND MEDICINE DIVISION
## BOARD ON HEALTH SCIENCES POLICY

Division of Behavioral and Social Science and Education
## COMMITTEE ON POPULATION

## Use of Race, Ethnicity, and Ancestry as Population Descriptors in Genomics Research

**Use of Race, Ethnicity, and Ancestry as
Population Descriptors in Genomics Research**

**PUBLIC WORKSHOP
April 4, 2022
*All times listed in Eastern Standard Time***

**Register Here: https://www.eventbrite.com/e/public-workshop-on-use-of-population-descriptors-in-genomics-research-tickets-287946785587**

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**11:00 am ET    Welcome and Goals for the Workshop**

**Aravinda Chakravarti,** *Committee Co-Chair*
>    Director, Center for Human Genetics and Genomics Muriel G & George W Singer Professor of Neuroscience & Physiology
>    New York University Grossman School of Medicine

**Charmaine Royal,** *Committee Co-Chair*
>    Robert O. Keohane Professor of African & African American Studies, Biology, Global Health, and Family Medicine & Community Health
>    Director, Duke Center on Genomics, Race, Identity, Difference and Duke Center for Truth, Racial Healing & Transformation
>    Duke University

### Session I: Historical and Current Use of Population Descriptors in Genomics Research

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*Moderator: Sandra Soo-Jin Lee, Columbia University*

Session Objectives:
- To explore historical use of population descriptors to better understand current use
- To examine whom we study in genomic investigations
- To explore why we identify individuals and populations in genomic studies

- To examine and identify the criticisms and challenges in current use of population descriptors in genomics research

**11:10 am**     **Brief introduction to the session by the moderator**

**11:15 am**     **Speakers' Talks (15 minutes each)**

        **Pilar Ossorio**
        Professor of Law and Bioethics
        University of Wisconsin-Madison, Law School
        University of Wisconsin-Madison, Medical School

        **Joseph Graves**
        Professor of Biological Sciences
        PI: IBIEM@ AT and BEACON@A&T
        Associate Director, Triangle Center for Evolutionary Medicine
        Department of Biology
        North Carolina A&T State University

        **Andrew Clark**
        Jacob Gould Schurman Professor of Population Genetics
        Nancy and Peter Meinin Family Investigator
        Associate Director, Cornell Center for Comparative and Population Genomics
        Interim Chair, Department of Computational Biology
        Cornell University

        **Rina Bliss**
        Associate Professor of Sociology
        Rutgers University

**12:15 pm**     **Q&A with speakers**

**1:00 pm**     **Break**

**Session II: Future Use of Population Descriptors in Genomics Research**

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*Moderator: Rick Kittles, City of Hope*

<u>Session Objectives:</u>
- To consider the diverse types of population and individual descriptors (e.g. origins, definitions, and usage in the U.S., implications for non-U.S. participants)
- To discuss possible ideal descriptors of populations and individuals
- To consider standardized or ideal systems of population descriptors

**1:30 pm**         **Brief introduction to the session by the moderator**

**1:35 pm**         **Speakers' Talks (15 minutes each)**

            **Tesfaye Mersha**
            Associate Professor of Human Quantitative Genetics
            Department of Pediatrics
            University of Cincinnati
            Cincinnati Children's Hospital Medical Center

            **Melinda Mills**
            Director, Leverhulme Centre for Demographic Sciences
            Nuffield Professor of Sociology
            University of Oxford

            **Joanna Mountain**
            Consultant
            23andMe

            **Eimear Kenny**
            Founding Director, Institute for Genomic Health
            Professor of Genetics and Medicine
            Icahn School of Medicine at Mount Sinai

            **Stephanie Malia Fullerton**
            Professor of Bioethics and Humanities
            University of Washington School of Medicine
            Adjunct Professor
            Departments of Epidemiology, Genome Sciences, and Medicine
            University of Washington
            Affiliate Investigator, Public Health Sciences Division
            Fred Hutchinson Cancer Research Center

**2:55 pm**          **Q&A with speakers**

**3:50 pm**          **Break**

## Session III: Community Input on Population Descriptors in Genomics Research

*Moderator: Katrina Claw, University of Colorado Denver – Anschutz Medical Campus*

Session Objectives:
- To hear from a variety of interested parties on the following topics:
  - What works and doesn't work about the current population descriptors used in genomics research?
  - What could be improved in current use of population descriptors in genomics research?

**4:00 pm**          **Brief introduction to the session by the moderator**

**4:05 pm**          **Speakers' Comments (5 minutes each)**

         **Catherine Potenski**
         Chief Editor
         Nature Genetics

         **Donna Cryer**
         President & CEO
         Global Liver Institute

         **Agustín Fuentes**
         Professor
         Department of Anthropology
         Princeton University

         **Charles Rotimi**
         President
         American Society for Human Genetics

         **Judit Kumuthini**
         Bioinformatics Manager
         Human Capacity Development Manager: Bioinformatics
         University of Western Cape

**Shishi Luo**
Associate Director, Bioinformatics and Infectious Diseases
Helix Genomics

**Julia Ortega**
Vice President
iHope Genetic Health
Genetic Alliance

**Keolu Fox**
Assistant Professor
Department of Anthropology
University of California, San Diego

**4:55 pm**      **Concluding Remarks**

**5:00 pm**      **Adjourn**