

## VISION

**Realizing the full potential of health for all through genomics and precision health.**

## MISSION

**We bring together diverse voices to encourage innovation and actions that foster the wide adoption of and equitable access to the benefits of genomics and precision health.**

**As a group of committed stakeholders, we believe in...**

- Creating an inclusive and optimistic environment for discussion
- Learning from successes and missteps in the field
- Demanding reproducible evidence-based science
- Sharing trustworthy information
- Embracing interdisciplinary strategies
- Optimizing data privacy and security
- Advancing health equity in all that we do

**The Roundtable focuses its energy and resources on these priorities:**

### DRIVE INNOVATION IN GENOMICS AND PRECISION HEALTH

Identify the competing barriers and facilitators of innovation for genomics-based diagnostics, risk assessment tools, and therapies.

Leverage opportunities to learn from and promote innovative approaches that can accelerate commercialization and integration to drive impact of genomics on precision health.

### SPUR THE ADOPTION OF GENOMICS-BASED TOOLS AND PRECISION HEALTH APPROACHES

Cultivate evidence-based practices across the health care and public health systems for adopting genomics and precision health.

Draw attention to gaps in adoption and their root causes and highlight potential solutions.

### ACHIEVE EQUITY IN GENOMICS AND PRECISION HEALTH

Foster action related to underrepresentation and inequities in genomic research, workforce, and access to genomic services by people who need them.

Look internally to improve the processes and practices the Roundtable employs to achieve its mission.

### SHAPE THE POLICY DIALOGUE ABOUT GENOMICS AND PRECISION HEALTH

Accelerate the dissemination of actionable knowledge to shape practice and increase public awareness.

Inform and influence how decisions are made.

## DEFINITIONS

**Precision Health** | Inclusive of precision medicine, precision health is a broader, proactive and people-focused approach to health, relying on individual-focused care and everyday decision-making to better predict, prevent, and treat disease.

**Genetics** | Study of heredity, genes, and genetic variation.

**Genomics** | Study of the genome by using DNA sequencing and other technologies to understand gene structure, function, and regulation.

## MEMBERS

**Geoffrey Ginsburg, M.D., Ph.D. (Co-Chair) Duke University**  
**Michelle Penny, Ph.D. (Co-Chair) Goldfinch Bio**

**Naomi Aronson, Ph.D.**, BlueCross/BlueShield Association  
**Aris Baras, M.D., M.B.A.**, Regeneron Pharmaceuticals  
**Vence Bonham, Jr., J.D.**, National Human Genome Research Institute

**Bernice Coleman, Ph.D., ACNP-BC, FAHA, FAAN**, American Academy of Nursing

**Robert B. Darnell, M.D. Ph.D.**, The Rockefeller University / NY Genome Center

**Stephanie Devaney, Ph.D.**, All of Us Research Program, NIH

**Katherine Donigan, Ph.D.**, U.S. Food and Drug Administration

**W. Gregory Feero, M.D., Ph.D.**, Journal of the American Medical Association

**Jennifer Goldsack, MChem, M.A., M.B.A.**, Digital Medicine Society (DiMe)

**Marc Grodman, M.D.**, Genosity

**Eric Gustafson, Ph.D.**, Merck & Co.

**Jill Hagenkord, M.D. FCAP**, Optum Genomics

**Richard Hodes, M.D.**, National Institute on Aging

**Mira Irons, M.D.**, American Medical Association

**Praduman Jain, M.S.**, Vibrent Health

**Sally John, Ph.D.**, Biogen

**Sekar Kathiresan, M.D.**, Massachusetts General Hospital

**Muin Houry, M.D., Ph.D.**, Centers for Disease Control and Prevention

**David Ledbetter, Ph.D.**, Geisinger

**Charles Lee, Ph.D., FACMG**, The Jackson Laboratory for Genomic Medicine

**Thomas Lehner, Ph.D., M.P.H.**, National Institute of Mental Health

**Debra Leonard, M.D., Ph.D.**, College of American Pathologists

**Patrick Loerch, Ph.D.**, Johnson & Johnson

**James Lu, M.D., Ph.D.**, Helix

**Mona Miller, M.P.P.**, American Society of Human Genetics

**Jennifer Moser, Ph.D.**, U.S. Department of Veterans Affairs

**Maximilian Muenke, M.D., FACMG**, American College of Medical Genetics and Genomics

**Susan E. Old, Ph.D.**, National Institute of Nursing Research

**Anna Pettersson, Ph.D.**, Pfizer

**Victoria M. Pratt, Ph.D., FACMG**, Association for Molecular Pathology

**Nadeem Sarwar, Ph.D.**, Eisai

**Sheri Schully, Ph.D.**, Formerly NIH Office of Disease Prevention, now All of Us

**Joan A. Scott, M.S., C.G.C.**, Health Resources and Services Administration

**Sam Shekar, M.D., M.P.H.**, American College of Preventive Medicine

**Nonniekaye Shelburne, C.R.N.P., M.S., A.O.C.N.**, National Cancer Institute

**Nikoletta Sidiropoulos, M.D.**, University of Vermont Health Network Medical Group

**Katherine Johansen Taber, Ph.D.**, Myriad Women's Health

**Ryan Taft, Ph.D.**, Illumina

**Jacquelyn Taylor, Ph.D.**, New York University

**Sharon Terry, M.A.**, Genetic Alliance

**Joyce Tung, Ph.D.**, 23andMe

**Jameson Voss, M.D.**, Air Force Medical Support Agency

**Catherine A. Wicklund, M.S., C.G.C.**, National Society of Genetic Counselors

**Huntington F. Willard, Ph.D.**, Genome Medical

**Sarah Wordsworth, Ph.D.**, University of Oxford

**Alicia Zhou, Ph.D.**, Color Genomics

## PROJECT STAFF

**Sarah H. Beachy, Ph.D.**, Roundtable Director

**Siobhan Addie, Ph.D.**, Program Officer

**Meredith Hackmann**, Associate Program Officer

**Lydia Teffera**, Research Assistant

## CONSULTANT

**Laura Runnels, M.P.H.**, LARC

## NAM GREENWALL FELLOW IN BIOETHICS

**Rachel Fabi, Ph.D.**, Upstate Medical University

[www.nationalacademies.org/GenomicsRT](http://www.nationalacademies.org/GenomicsRT)  
 500 Fifth Street, NW, Washington, DC 20001  
 Phone | 202.334.2217 E-mail | [sbeachy@nas.edu](mailto:sbeachy@nas.edu)  
 #GenomicsRT