All of Us Research Program
Fireside Chat Series

Session 1: Precision Medicine

July 30, 2020
3:00 PM – 4:00 PM
www.NHMAmd.org
An Introduction to the

All of Us Research Program

Updated February 2020

Precision Medicine Initiative, PMI, All of Us, the All of Us logo, and “The Future of Health Begins with You” are service marks of the U.S. Department of Health and Human Services.
Precision medicine is an emerging approach for disease treatment and prevention that takes into account individual variability in lifestyle, socioeconomics, environment, and biology.

It is a radical shift in how each of us can receive the best care possible based on our unique makeup.
Right treatment for the right person --

- Prescription Eyeglasses
- Insulin Pump
- Blood Transfusions
- Hearing Aid
The Cost of Imprecise Medicine

**Patients**
- Health care is often targeted to the average patient, not the individual
- Health problems can take years to unravel, with significant trial and error

**Providers**
- Not enough research to draw on for clinical evidence, especially in diverse populations
- Medical records scattered in different places
- Not enough time for analysis one patient at a time

**Researchers**
- Enormous time and cost spent building IT systems vs. doing research
- Siloed data resources and funding opportunities
- Challenges acquiring large sample sizes
- Slow translation of data into knowledge
What is the *All of Us* Research Program?

The *All of Us* Research Program is a historic, longitudinal effort to **gather data from one million or more people** living in the United States **to accelerate research and improve health**. By taking into account individual differences in **lifestyle, socioeconomics, environment, and biology**, researchers will uncover paths toward delivering **precision medicine** – or **individualized prevention, treatment, and care** – **for all of us**.

“All of Us is among the most ambitious research efforts that our nation has undertaken!”

*NIH Director Francis Collins, M.D., Ph.D.*
All of Us Mission and Objectives

Nurture relationships
with one million or more participant partners, from all walks of life, for decades

Our mission
To accelerate health research and medical breakthroughs, enabling individualized prevention, treatment, and care for all of us

Catalyze a robust ecosystem
of researchers and funders hungry to use and support it

Deliver the largest, richest biomedical dataset ever that is easy, safe, and free to access
All of Us Research Program Core Values

1. Participation is open to all.
2. Participants reflect the rich diversity of the U.S.
3. Participants are partners.
4. Trust will be earned through transparency.
5. Participants will have access to their information.
6. Data will be accessed broadly for research purposes.
7. Security and privacy will be of highest importance.
8. The program will be a catalyst for positive change in research.
A Transformational Approach to Diversity

Reflect the country’s rich diversity to produce meaningful health outcomes for communities historically underrepresented in biomedical research.
All of Us will invest to level the playing field so diverse researchers will have equal access.

- All of Us data will be available to all types of users
- Data collection will start small and grow over time
- The program will adhere to the highest privacy and security standards
- The data resources will be centralized, tiered, and operate on a passport system of access
- Project information will be made public and auditable
Fireside Chat #1

Moderator:

**Elena Rios, MD, MSPH, FACP**
President & CEO
NHMA

Panelists:

**Alicia Fernandez, MD**
Professor of Medicine
Director, UCSF Latinx Center of Excellence
University of California, San Francisco

**Randall C. Morgan, Jr., MD, MBA**
Executive Director
W. Montague Cobb/NMA Health Institute

**Aida Maisonet Giachello, PhD**
Research Professor
Department of Preventive Medicine
Feinberg School of Medicine, Northwestern University - Chicago
SESSION 1: Precision Medicine  
Thursday, July 30, 2020; 3:00 PM - 4:00 PM Eastern Time

SESSION 2: Enrolling Participants  
Thursday, September 24, 2020; 7:00 PM - 8:00 PM Eastern Time

SESSION 3: Seniors  
Thursday, December 10, 2020; 7:00 PM - 8:00 PM Eastern Time

SESSION 4: Research  
Thursday, January 28, 2021; 7:00 PM - 8:00 PM Eastern Time

SESSION 5: Women's Health  
Thursday, May 27, 2021; 7:00 PM - 8:00 PM Eastern Time

For more information & to register:  https://bit.ly/NHMAFiresideChatSeries
Q & A

Please use the chat box to submit your questions.