



National Hispanic Medical Association

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

All of Us
RESEARCH PROGRAM

The
Future of
Health Begins
With You



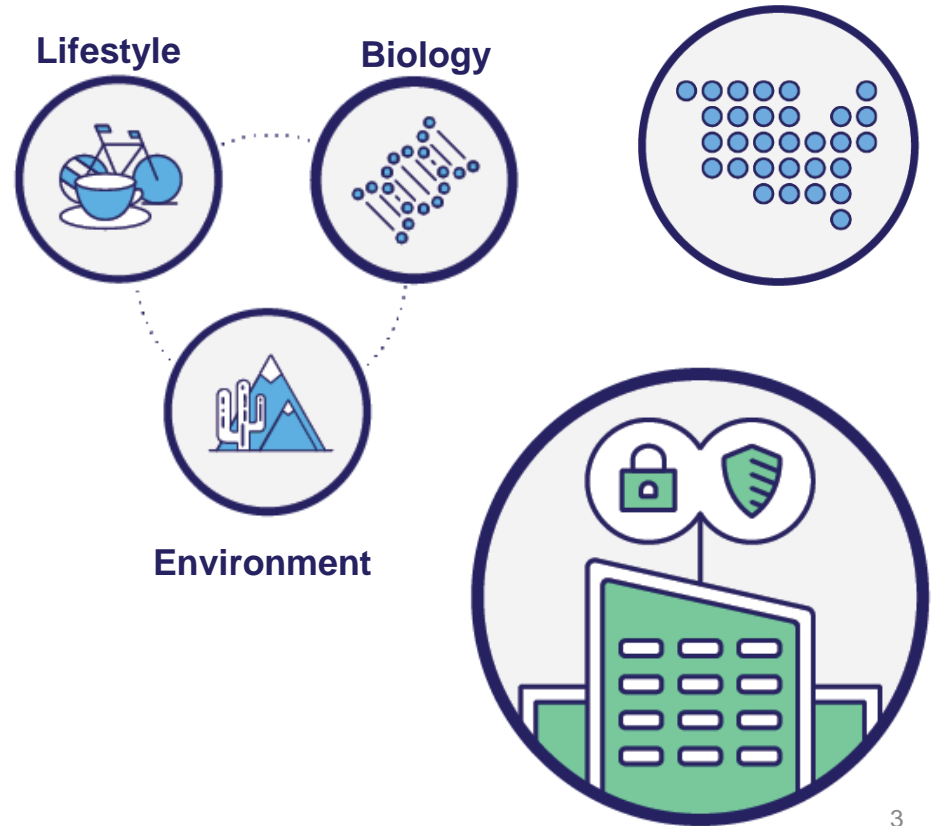
National Institutes
of Health

Updated February 2020

What is precision medicine?

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.



Precision Medicine in Real Life

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

Deliver the largest, richest biomedical dataset ever

that is easy, safe, and free to access



Catalyze a robust ecosystem

of researchers and funders hungry to use and support it

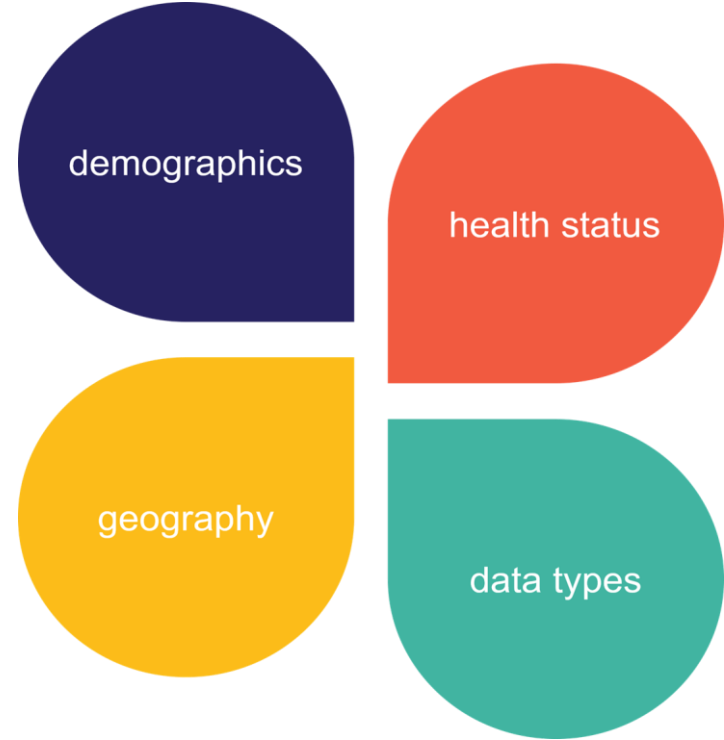


***All of Us* Research Program Core Values**

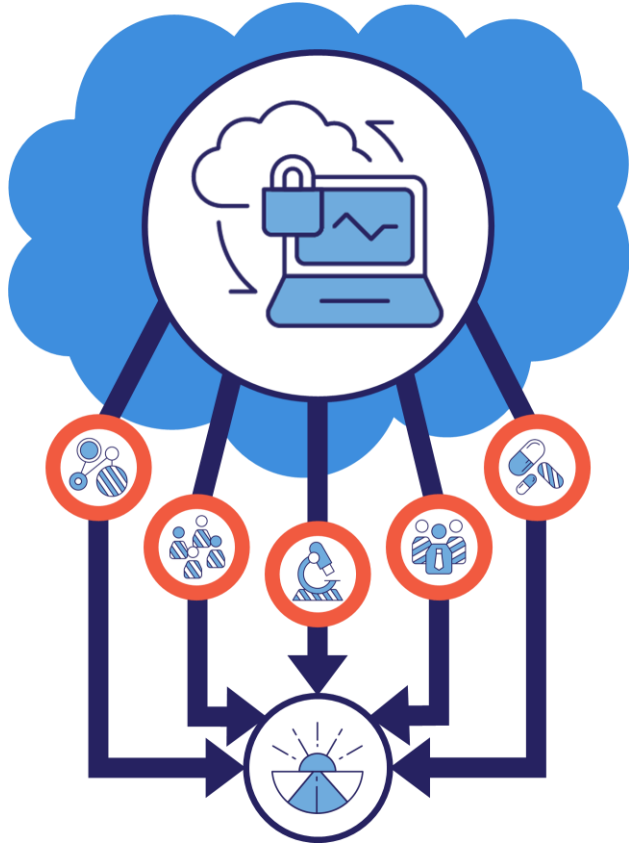
1. Participation is **open** to all.
2. Participants reflect the rich **diversity** of the U.S.
3. Participants are **partners**.
4. Trust will be earned through **transparency**.
5. Participants will have **access** to their information.
6. Data will be accessed **broadly** for research purposes.
7. 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.



A Transformational Approach to Data Access



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**

Learn More



National Institutes
of Health

JoinAllofUs.org/Together
ResearchAllofUs.org

@AllofUsResearch
#JoinAllofUs

AllofUs.nih.gov

All of Us Research Program 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



All of Us Research Program
FIRESIDE CHAT SERIES

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.