

Credit: Office of Intramural Training & Education National Institutes of Health

# Become an All of Us Researcher

The *All of Us* Research Program is working to enroll one million or more participants across the U.S. to share data that can fuel new insights into human health. By engaging the participation of people and communities who have been left out of medical research in the past, and making their data available to a diverse cohort of researchers, the program seeks to accelerate health and medical research to enable individualized prevention, treatment, and care. One of the largest, richest, most diverse biomedical data sets ever built



### **Combines biological factors, genomics, and social determinants**

on a large, inclusive scale, capturing a wide variety of data types.

#### DATA AVAILABLE IN THE RESEARCHER WORKBENCH





Participant biosamples are forthcoming.

## ResearchAllofUs.org

#### **Access and Tools**

The program's expansive dataset lives on a secure, cloud-based platform that registered researchers across a wide range of settings and career stages can easily access with a computer and internet connection. Data are curated into research datasets with tiered access.



**Public Tier** data is available to anyone at **ResearchAllofUs.org**. Users can explore aggregated overviews and interactive data previews—with identifiers removed—through the **Data Browser**\*.



**Registered Tier** data is available to researchers with institutional sign-off and login.gov credentials. Privacy and security safeguards, such as the removal of direct identifiers, have been applied to this data to protect participant privacy.



**Controlled Tier** data is available to registered users with amended institutional agreements who have completed Responsible Conduct of Research training. It includes expanded demographics, genomic data derived from WGS and array genotyping, COVID-19, EHR data, and more. Researchers can explore publicly available overviews of genomic data in the **Data Browser**.

The Researcher Workbench is currently supported by R, Python, Hail, and PLINK, widely-used open-source platforms for statistical analysis and data science. Tools and resources for researchers include:



Workspaces

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Notebooks

Dataset Builder





Cohort Builder

**User Support Hub** 

\*Counts and percentages in the Data Browser and Researcher Workbench may vary based on the lag time associated with the data curation process under the program's rigorous privacy protections.

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#### **Transformative research potential**

- Conduct prospective, retrospective, and cross-sectional analyses
- Develop improved risk assessment and prevention strategies to preempt disease
- Investigate health disparities and find new approaches to improve health equity
- Provide earlier and more accurate diagnoses to reduce illness burden
  - Increase wellness and resilience, and promote healthy living
- Create a line of sight to enable new precision treatments and interventions

Learn how other researchers are using the data by browsing the **Research Projects Directory** and **Spotlights**.

## Ready to get started? Register for access.

#### Visit ResearchAllofUs.org to:

• Explore the data and projects

All of Us and the All of Us logo are registered service marks

of the U.S. Department of Health and Human Services.

• Become a registered researcher

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### **ResearchAllofUs.org**