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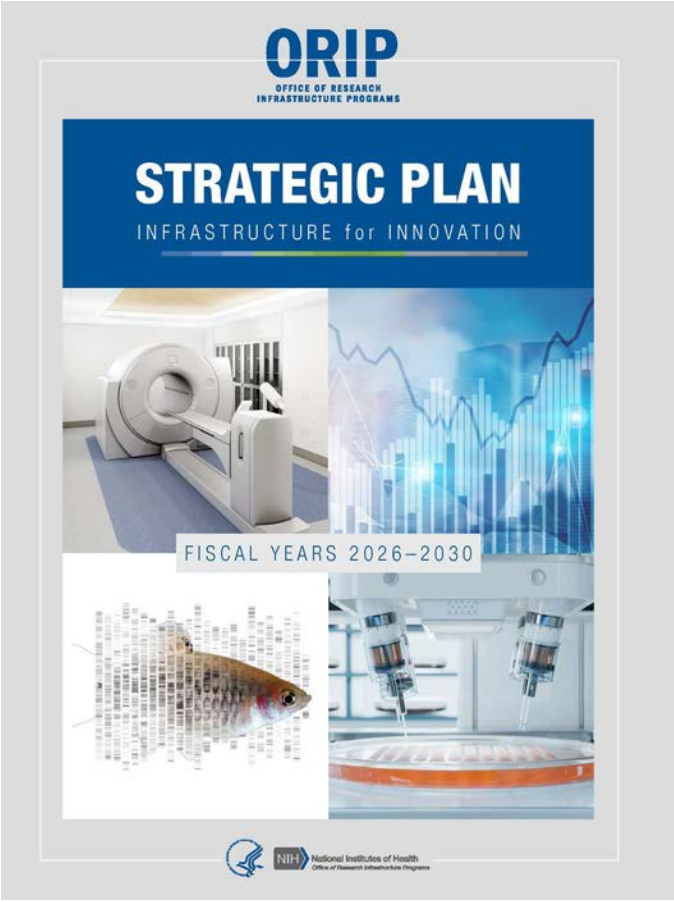
DPCPSI Director's Report

Nicole C. Kleinstreuer, Ph.D.
NIH Deputy Director for Program Coordination, Planning, and Strategic Initiatives,
Director, DPCPSI
and
Chair, NIH Council of Councils

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ORIP's FY 2026-2030 Strategic Plan



Through **continued engagement** with NIH ICOs and the biomedical research community, ORIP **empowers and expands** existing programs and develops new initiatives to support NIH at the **forefront of the scientific progress**

Read the Plan

Strategic Priorities

- Priority 1: Model Resources to Advance the Study of Human Diseases
- Priority 2: Modern Physical Infrastructure to Accelerate Research Discoveries in Human Health and Diseases
- Priority 3: Innovative Cross-Disciplinary Research Training in Model Systems for Human Health and Diseases
- Priority 4: Outreach and Awareness of ORIP Resources and Programs

orip.nih.gov/about-orip/strategic-plan

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Implementation Update Report FY20-22: Strategic Plan for NIH Nutrition Research



Outlined strides NIH made in FY20–22 towards achieving the four goals within the *2020-2030 Strategic Plan for NIH Nutrition Research*

- Demonstrated **significant progress** towards:
  - *Strategic Goal 1:* Spurring Discovery and Innovation through Foundational Research
  - *Strategic Goal 2:* Investigating the Role of Dietary Patterns and Behaviors for Optimal Health
  - *Strategic Goal 3:* Defining the Role of Nutrition Across the Lifespan
- Revealed the **potential for expanding opportunities** in Food is Medicine Research
  - *Strategic Goal 4:* Reducing the Burden of Disease in Clinical Settings

Read the Report

dpcpsi.nih.gov/onr/strategic-plan

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ONR Elected to Join International Teaching Kitchen Collaborative











ONR Teaching Kitchen Program made its debut in October 2024 at The Children's Inn

Goal: To empower individuals with the skills and knowledge needed to make healthier food choices, improve their cooking techniques, and enjoy the benefits of home-cooked meals.

Effective this month, ONR joins the International Teaching Kitchen Collaborative!

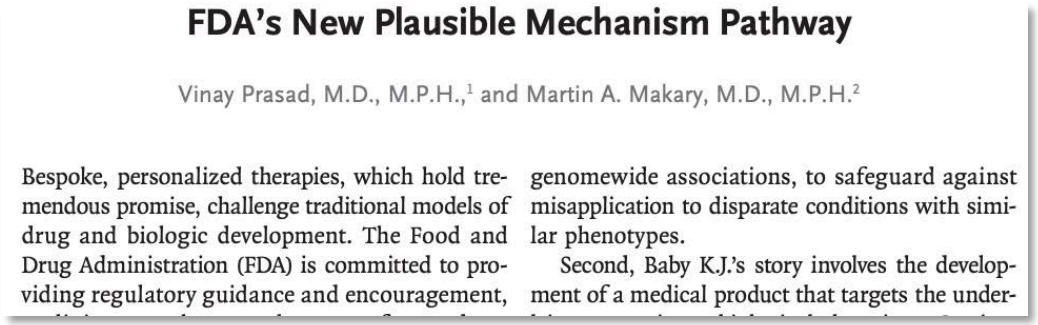
TEACHING KITCHEN COLLABORATIVE

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Somatic Cell Genome Editing Program Delivers Broad Impact

- Supported development and treatment of "Baby KJ" with the first successful personalized gene-editing therapy
- This life-saving treatment partially reversed his rare genetic condition, enabling milestones like his first steps
- Due to this breakthrough, the FDA released a concept for a new regulatory pathway for personalized treatments for rare-diseases



FDA's New Plausible Mechanism Pathway

Vinay Prasad, M.D., M.P.H.,[1] and Martin A. Makary, M.D., M.P.H.[2]

Bespoke, personalized therapies, which hold tremendous promise, challenge traditional models of drug and biologic development. The Food and Drug Administration (FDA) is committed to providing regulatory guidance and encouragement,

genomewide associations, to safeguard against misapplication to disparate conditions with similar phenotypes.

Second, Baby K.J.'s story involves the development of a medical product that targets the under-

Read the Press Release



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New CARE for Health™ Study Concepts

New Study Concepts for Research Network Hubs in Rural Primary Care Settings

- 📱 Telehealth: Diabetes & Hypertension
- 🤖 AI Tools: Lung Cancer Screening
- 👂 Screening: Hearing Loss in Older Adults
- 💻 Telemedicine PCP Specialty Care: Diabetes Management
- 📣 Access & Outreach: Chronic Disease Prevention & Screening
- 🧠 Cognitive Health: Early Detection of Dementia

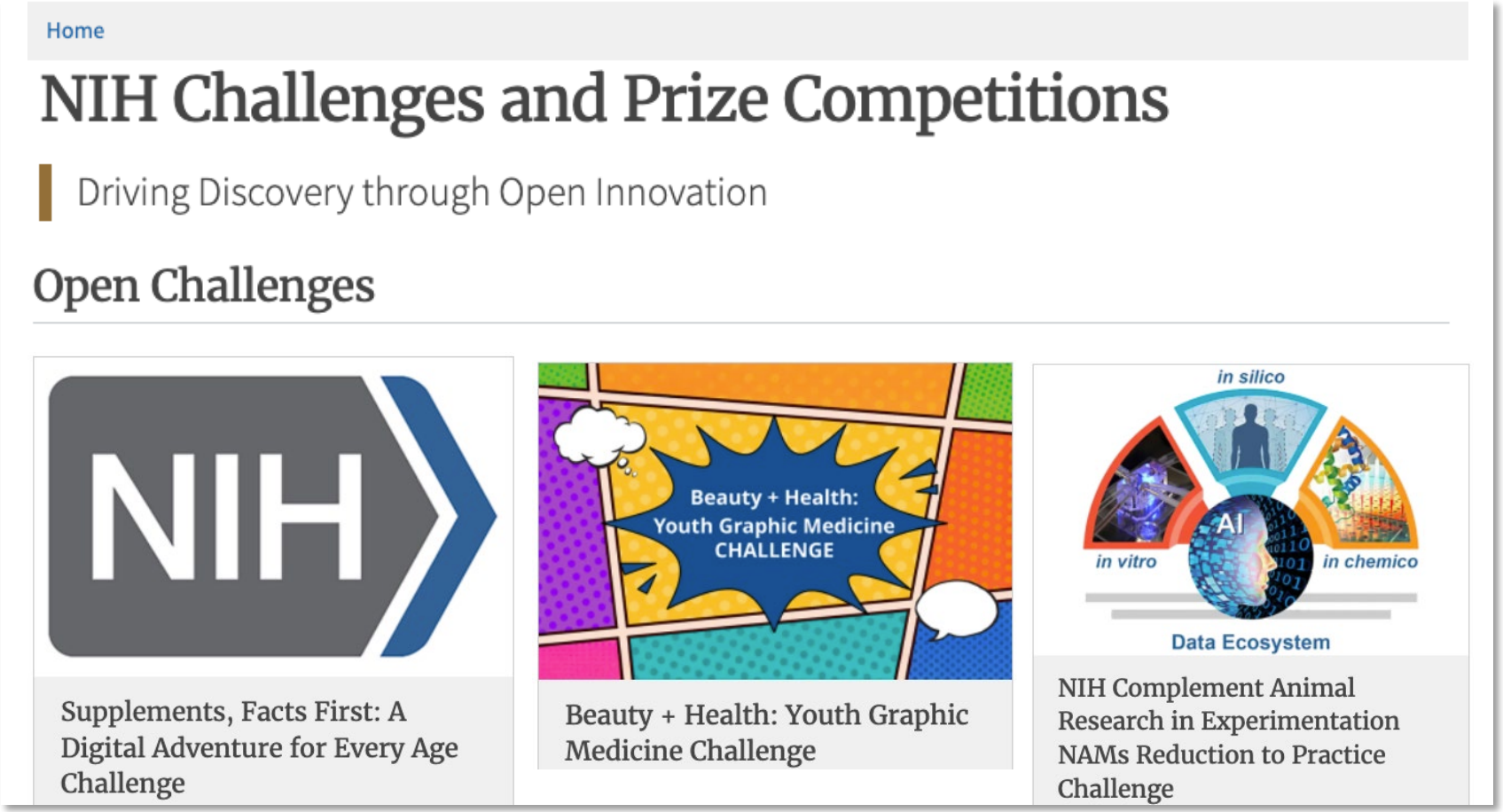
Learn more about this NIH Common Fund program

go.nih.gov/b5ftHlB

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NIH Launches New Challenge and Prize Competition Webpage



NIH uses challenges, also known as prize competitions, to spark new ways of thinking, stimulate innovation, engage new solvers, and advance its core mission of turning discovery into health.

Find an NIH Challenge today!

nih.gov/challenges

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Updates from the *All of Us* Research Program

873,000+ participants from all 50 states, with 270,000 receiving individual DNA results.
20,800+ researchers using *All of Us* data for research across 7 continents!

Biospecimen Access X01 Coming

Following Council unanimous approval in Sept 2025, external investigators will be able to apply for de-identified sample access.

1,100+ *All of Us* Publications

- Powered by new LLM pipeline with a searchable index.
- >500 publications in 2025 alone.

Clinical Polygenic Risk Test Released

- Mass General Brigham and Broad Clinical Labs created a clinical PRS test to estimate risk of 8 cardiovascular conditions.
- Available to providers nationwide.

20 Partnered Research Studies, including:

- Precision nutrition (Common Fund)
- Eye health (NEI and NIBIB)
- Environmental exposures and T2D (NIEHS)
- Novel genetic diseases (NIH CC and NHGRI)

All of Us + AnVIL Imputation Service

Multi-ancestry imputation service launched to "fill in the blanks" of DNA arrays, giving high-quality, near-complete genomic data at a fraction of the cost.

2026 Data Release and Workbench 2.0

- Spring 2026 data release will be ***the world's largest WGS+EHR accessible dataset.***
- The new Verily-powered platform will offer a more intuitive interface, enhanced analysis tools, and expanded cloud and AI capabilities.

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Bridge2AI Year 3 Data Available



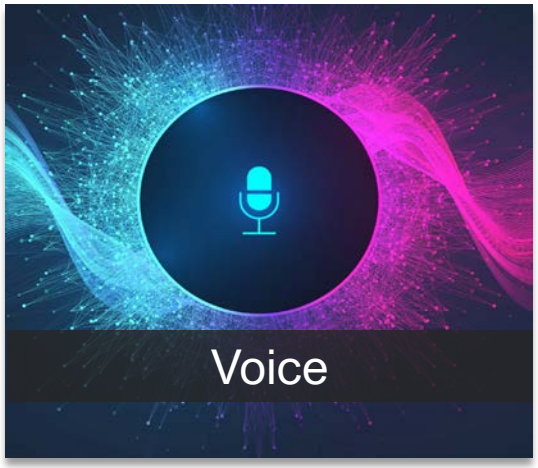
Released Oct 2025*

- 1,374 protein interactions with 53,788 immunofluorescent (IF) images for 523 proteins
- 24.4TB of data available



Released Nov 2025

- >2,000 participants data



Released Dec 2025 to PhysioNet

- Includes 400 pediatric voices, the largest such database available



Planned for Jan 2026

- Builds on current release with >50,000 patient admissions from 14 sites
- 1.6B rows of electronic health record (EHR) data

* New Update expected in Jan 2026

Learn more about the data: https://bridge2ai.org/datasets/

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NIH OBSSR Director's Webinar Series

NIH OBSSR Director's Webinar Series highlights a variety of BSSR topics to help communicate BSSR findings and other relevant information.

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U. of Southern California

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Preliminary Insights from Wave VI of the National Longitudinal Study of Adolescent to Adult Health



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Purdue University

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NIH Pathways to Prevention Workshop on Management of Menopausal Symptoms

Virtual workshop is scheduled for April 15-17, 2026!

The Office of Disease Prevention commissioned an evidence review and launched workshop planning meetings with co-sponsoring ICOs in early 2024.

Co-sponsoring ICOs

- Office of Research on Women's Health
- National Cancer Institute
- National Heart, Lung, and Blood Institute
- National Institute on Aging
- *Eunice Kennedy Shriver* National Institute of Child Health and Human Development
- National Institute of Mental Health
- Office of Disease Prevention

About the NIH Pathways to Prevention (P2P) Program

- **Identifies:** Research gaps
- **Includes:** Portfolio review, systematic evidence review, public workshop, recommendations from an independent panel, and a meeting with federal partners about actionable next steps
- **Leads to:** New funding opportunities, resources, and collaborative research projects