ARPA-H
Customer Experience Hub
PART OF THE ARPANET-H
HEALTH INNOVATION NETWORK

Informational Presentation
ARPA-H Customer Experience Hub
for NCTEDD – 2/5/24

Mike Stebbins, Ph.D.
Program Executive

Grayson Dorr
Project Manager

Agenda

- ARPA-H
- Purpose of the Customer Experience Hub
- Spoke Eligibility and Benefits
- Spoke Application
- ACTR Initiative
- Immersive Experiences & Ecosystem Engagements
- Questions

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ARPA-H

The **Advanced Research Projects Agency for Health (ARPA-H)** is a research funding agency that supports transformative biomedical and health breakthroughs – ranging from the molecular to the societal – to provide health solutions for all.

Mission: To accelerate better health outcomes for everyone by supporting the development of high-impact solutions to society's most challenging health problems.

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President Biden's Vision

"ARPA-H will **pursue ideas that break the mold on how we normally support fundamental research and commercial products** in this country."

"Ideas so audacious that people say they just might work only if, only if, we could try. Well, we're about to try in a big way."

– President Biden Remarks, March 18, 2022

DELIVERING BIPARTISAN PROGRESS

THROUGH PRESIDENT BIDEN'S UNITY AGENDA

☑ Made it easier for doctors to prescribe effective treatments for opioid addiction

☑ Passed a gun safety law making historic investments in youth mental health

☑ Launched ARPA-H to drive breakthroughs in the fight against cancer, Alzheimer's, and diabetes

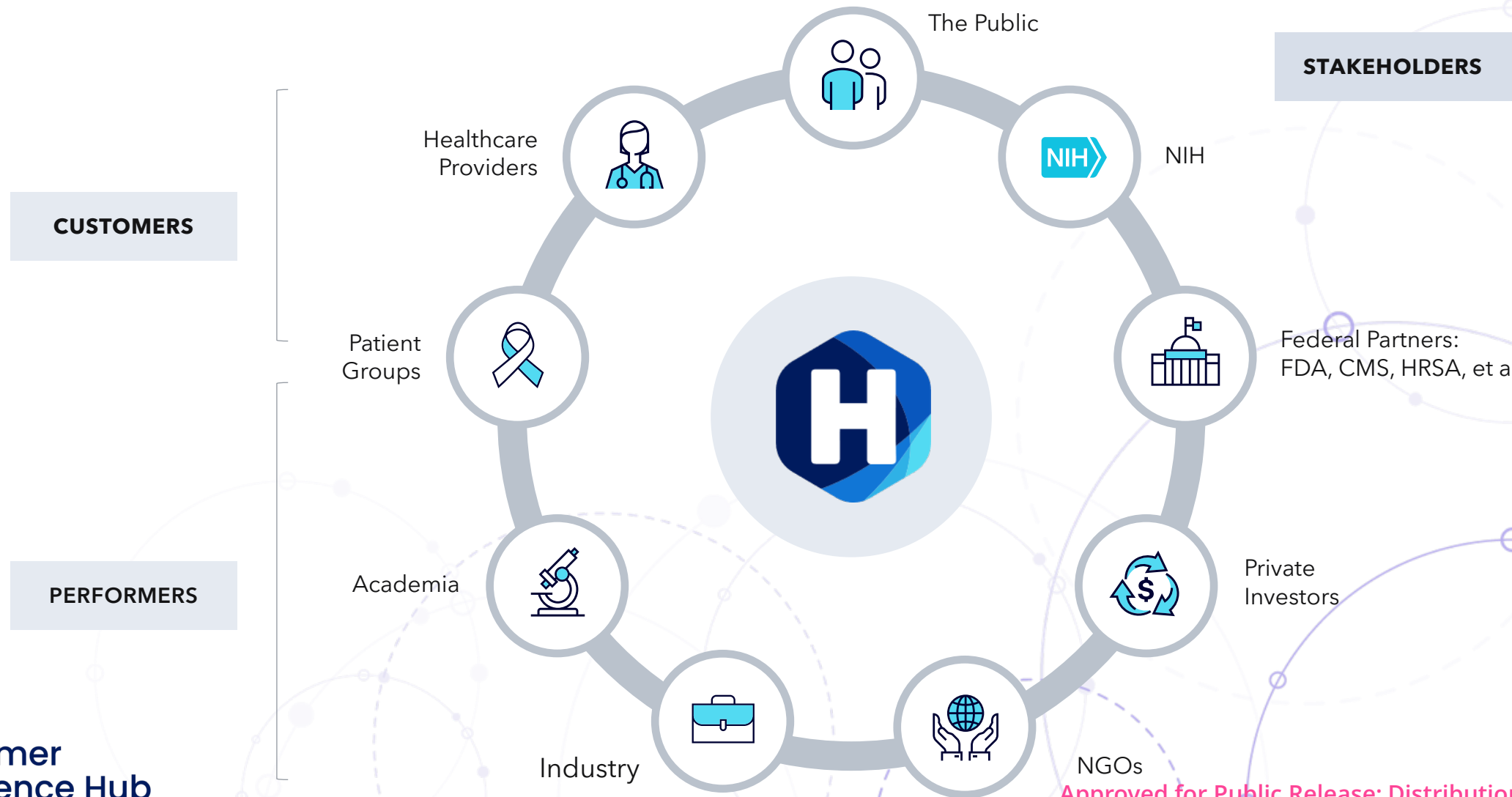☑ Expanded benefits and services for veterans and their survivors

WH.GOV/SOTU

JULY 27, 2023

As Part of President Biden's Unity Agenda, Cancer Moonshot Announces Launch of New ARPA-H Program to Develop Novel Technologies for More Precise and Accurate Cancer Tumor Removal

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ARPA-H Health Ecosystem

STAKEHOLDERS

CUSTOMERS

PERFORMERS

The Public

NIH

Federal Partners: FDA, CMS, HRSA, et al

Private Investors

NGOs

Industry

Academia

Patient Groups

Healthcare Providers

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Approved for Public Release: Distribution Unlimited

The Program and Program Manager Flywheel

The ARPA-H portfolio is:

(1) a reflection of the PMs

(2) dynamic, and

(3) will – and should! – change frequently

PMs: 3-6 Years

Programs: 2-4 Years

SOLUTIONS
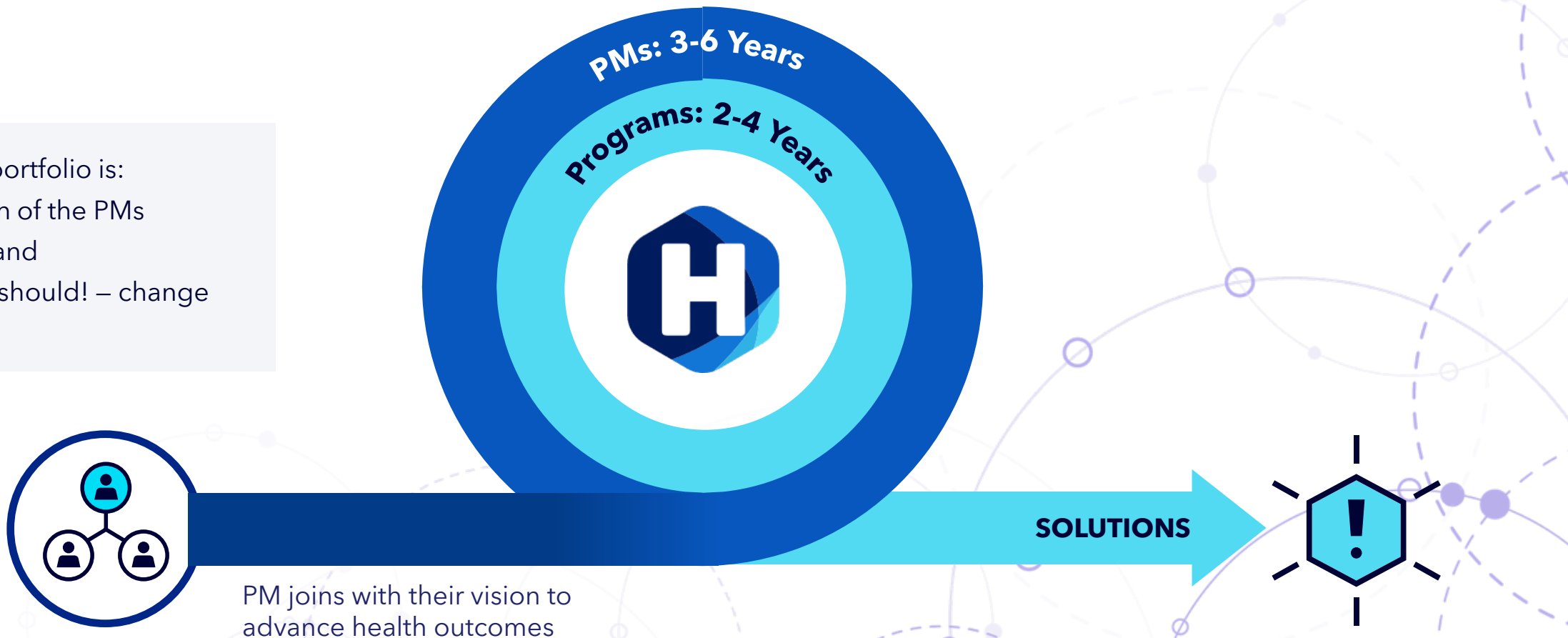
PM joins with their vision to advance health outcomes

ARPANET-H

- Nationwide health innovation network that connects people, innovators, and institutions

- 3 regional hubs:
  - Customer Experience
  - Investor Catalyst
  - Stakeholder and Operations

- Nationwide network of spokes to bring together the nation's voices, resources, and needs.
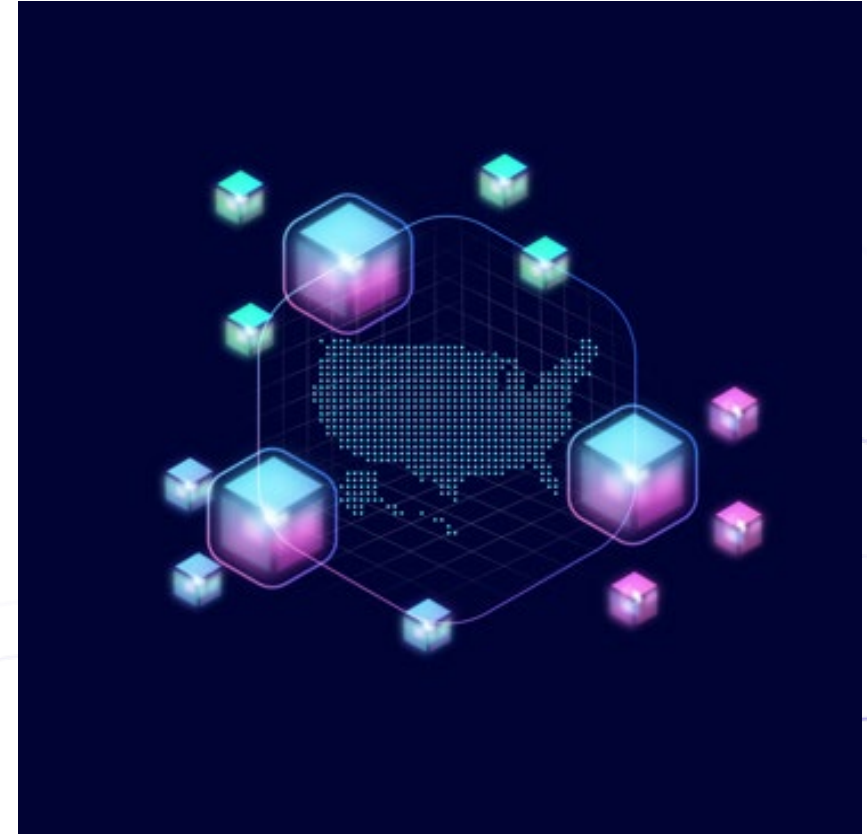

Image credit: ARPA-H/Chris Smith

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ARPA-H CX Hub

Developing community and patient-centered solutions

> The goal of the CX Hub is to ensure that future healthcare advancements are patient-centric and deliver improved outcomes for all Americans.

The CX Hub will take a human-centered approach to design products and services that people need and want to use. Some examples of activities might include:

- Immersive experiences
- User-testing of self-administered diagnostics
- Simulation of patient-centered care environment
- Rapid prototyping of health-tech devices
- Hosting inclusive patient listening sessions
- Health ecosystem and stakeholder analysis
- Patient-centered design
- Novel clinical trial capabilities

Accelerate innovation in health and medicine through breakthrough capabilities, technologies, systems, and platforms

Access the customer experience and drive user testing, adoption, and end-user access

Collaborate via the diverse and representative hub and spoke network

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ARPA-H Customer Experience Hub Launches in Dallas
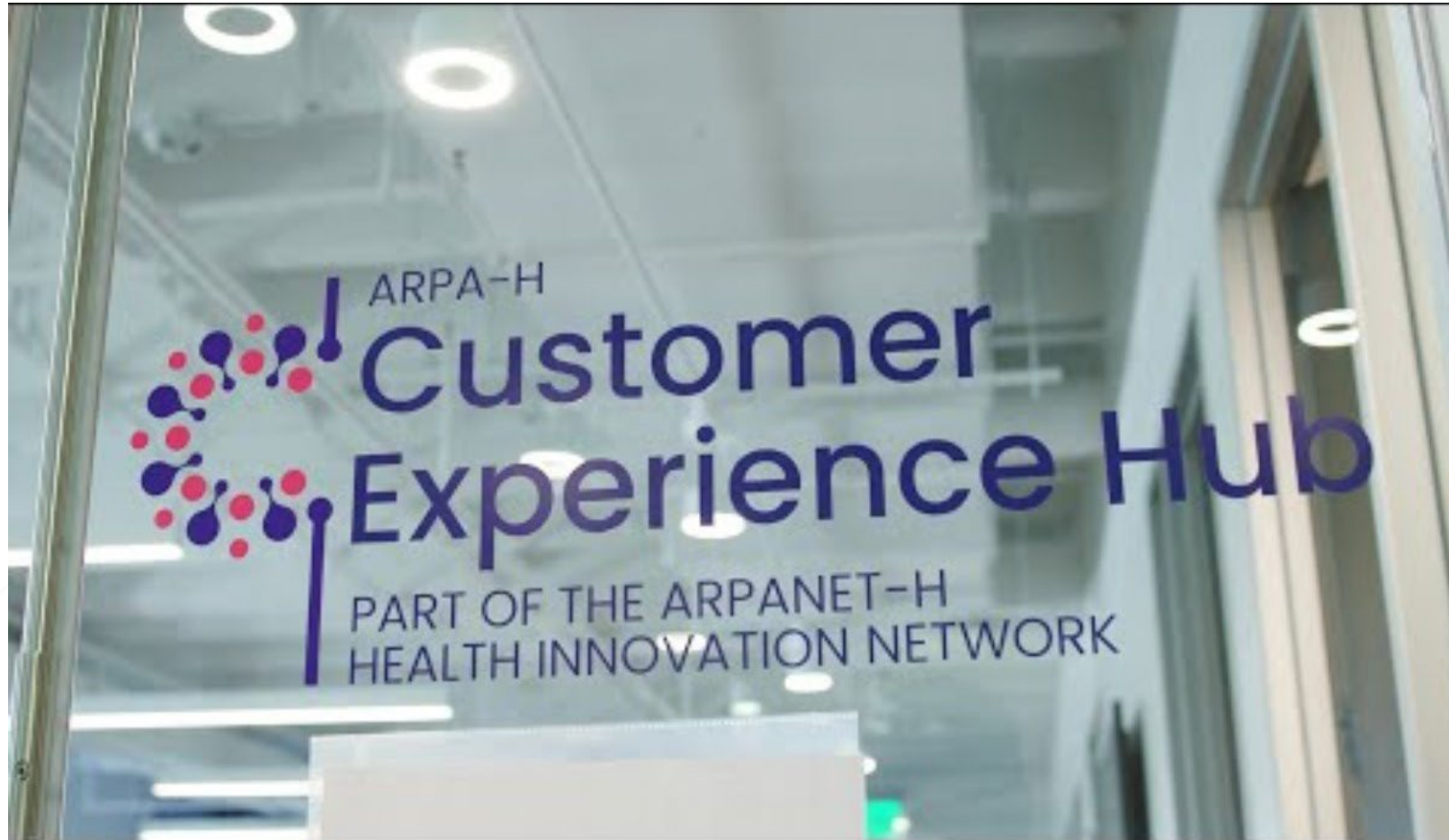
Spoke Eligibility

- Institutions of Higher Education (IHE)
- For-Profit Organizations (Research Organization, Healthcare Organization or System, Independent Hospital, BioDesign firms, Other)
- Small Businesses
- Clinics, public and community health centers, other healthcare facilities
- Payers, Patient Advocacy Groups
- Non-Profit Organizations
- Community Based Organizations
- Federally Funded Research and Development Centers

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Spoke Benefits

🔑 ACCESS

Networking opportunities with consortium members (industry, academia, nonprofits, and other health ecosystem stakeholders), Government and other strategic stakeholders, at annual membership meetings and valuable conferences and forums

📣 INFLUENCE

Another advantage is the ability to be a voice at important tables to help shape the direction of high-profile, high-investment R&D efforts

⚡ SPEED

Operates through a flexible contracting vehicle capable of multiple taskings with a single set of terms, resulting in award execution significantly faster than traditional FAR-based contracts

↗ MARKET EXPANSION

Creates a channel for small companies and innovative suppliers, including those who have never worked with the federal government before, to identify opportunities and establish customer relationships with Government and other members

$ REVENUE

Efficiencies for quick payments and simplified, streamlined access to Government funding

ℹ INFORMATION

Provides visibility into Government needs and priorities, enabling members to direct R&D (and IR&D) investments to meet them

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Spoke Application

- All applying organizations must read and agree to the Consortium Membership Agreement

- Applications are vetted by ATI and ARPA-H

- Get yourself Categorized – We will use this information to identify and engage!
  - Capabilities
  - Ecosystems
  - ARPA-H Focus Areas of Interest

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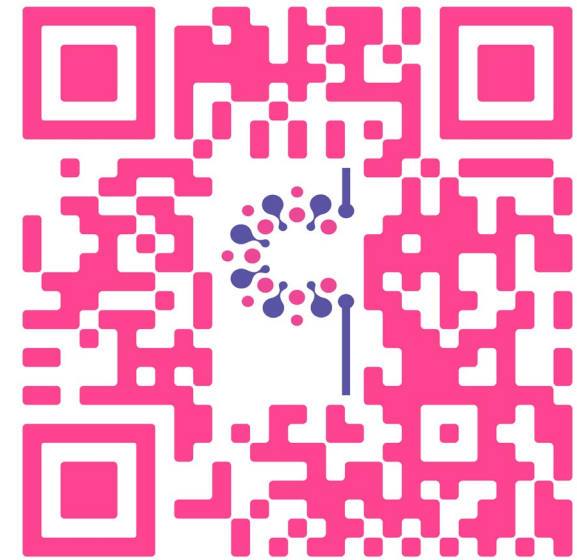
Advancing Clinical Trial Readiness (ACTR) Initiative

Flow of Opportunities

- Draws on the ARPANET-H Network to source feedback at scale.
- Deadline to provide feedback was 12/1/23. Membership was not a requirement to respond.

Request for Feedback	→	Collaboration	→	Build out requirement with your feedback

151 Intake Forms Completed

- **29** small businesses
- **28** nonprofit organizations
- **34** Institutions of High Education

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Immersive Experiences

Goal: Immerse ARPA-H personnel in an experience outside of traditional office space and provide opportunities to interact directly with the end-users they are trying to help gain first-hand knowledge of their challenges, needs, and motivations.

Example Location(s):
- Hospital Systems
  - Rural hospital
  - Emergency room
- Research Institutions
- Academic Institutions
- Community Health Organizations

Size:
- Small and intimate (1-3 attendees)
- Medium size group (10 attendees)

Note: Spoke ideas and opportunities are welcomed

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Ecosystem Trips

Example Location(s):
- Hospital Systems
- Research Institutions and/or Academic Institutions
- Community Health Organizations
- Economic Development/Community Organizations tied to ARPA-H Mission

Size:
- Breakout groups (4-5 sessions)
  - Medium size group (8-12 attendees)

Topics:
- Varies however tied to ARPA-H Program Managers (current or existing programs)
- Expansion on prior ecosystem engagements

Denver, CO – Nov 23
Over 40 engaged stakeholders

Location:
- CU Anschutz Medical Campus
- The Commons at Champa

Session Topics:
- Mental Health & Neuroscience
- Research Translation
- High Power Computing (APECx)
- Resilient Extended Automatic Cell (REACT)
- Spoke Open House

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Contact Us

📧 **Email us**
arpa-h-cx-hub@ati.org

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