Special Notice (SN) ARPA-H-SN-25-119
Proposers' Day Announcement for
Advanced Research Projects Agency for Health
(ARPA-H)/Health Science Futures (HSF) Office
Opportunity: Emerging Health Innovators (EHI) Initiative

I. KEY INFORMATION

Table 1. Proposers' Day Key Information	
Proposers' Day	January 8, 2025, from 11:00 AM to 4:00 PM EDT
Location	Virtual
Website for registration	Proposers' Day Registration
Registration opens	November 26, 2024, at 4 PM EDT
Registration closes	January 6, 2025, at 12:00 PM EDT or when capacity is reached, whichever comes first.
Technical Point of Contact	Patricia A. Gonzales Hurtado, PhD ARPA-H/HSF Office
Program email	EHI@ARPA-H.gov
Program Solicitation	ARPA-H-SOL-25-118 (draft, pending full posting on Sam.gov and Grants.gov)
Optional proposer deliverables, details below	Lightning Talk - five (5) minutes to present one (1) slide on the proposer's research as it relates to the intersection of their expertise and EHI's technical areas.

II. INTRODUCTION

ARPA-H funds revolutionary science with high risk, capability driven, focused research that is not solely for discovery's sake but to enable a capability. Additional information about ARPA-H can be found here.

This Special Notice (SN) alerts the scientific community to a newly approved ARPA-H initiative and notifies potential proposers of an associated Proposers' Day (PD). ARPA-H anticipates releasing an Innovative Solutions Opening (ISO) for the Emerging Health Innovators (EHI) Initiative by the beginning of December 2024. Please, monitor SAM.gov and Grants.gov for updates (ARPA-H-SOL-25-118). All proposers must be registered in SAM.gov to submit a proposal, therefore, potential proposers are encouraged to register their entity, which may take up to ten (10) days, in preparation to submit a response.

Potential proposers are encouraged to attend the optional PD. While not mandatory, ARPA-H is hosting the EHI PD to achieve the following objectives:

- Provide information about the Initiative to potential proposers, including details about the overall Initiative goals and forthcoming ISO.
- Share the intended scope, timeline, and scale of EHI and how proposers, in collaboration with the ARPA-H team and resources, can accomplish the collective mission of accelerating equitable healthcare outcomes for all Americans.

ARPA-H will collect participants' questions throughout the event and publish answers in a publicly available EHI Frequently Asked Questions (FAQ) site.

Attendance at this event is **not** a requirement for submission of a Solution Summary in response to the ISO. However, the event has been designed to maximize benefits to potential proposers.

Information relayed during the PD will be made available on the ARPA-H Opportunities page: https://arpa-h.gov/engage-and-transition/open-funding-opportunities as well as on SAM.gov.

Advanced registration is required. Registration requests will only be accepted from the potential proposer community as participation is not intended for patients, patient advocates, media or a general interest audience.

III. EHI INITIATIVE INFORMATION

While full programmatic details will be provided in the ISO, the following is a brief description of the EHI Initiative.

ARPA-H's EHI Initiative has the goal of ensuring that the agency identifies and engages early career investigators and community innovators to develop cutting-edge biomedical, health, and community-engaged research and innovation. Additional goals of the EHI initiative include:

1. Fostering the next generation of health innovators/performers early in their careers by providing funding and support.

2. Fostering health innovators at community-based organizations engaged innovative community-engaged research by providing funding and support.
3. Identify and engage potential, untapped performers to become aware and understand how to work with ARPA-H.

The EHI Initiative will have two distinct application tracks, and each track will have topic areas, which will be published in an anticipated forthcoming solicitation. Individual awards under EHI will be limited to a maximum of $350,000 per year for 2 years with an optional third year.

Track 1 - Technology-Driven Innovation:
This track will focus on engaging researchers conducting biomedical and health research to develop innovative health technologies.

Proposal submissions should be led by early-career investigators – such as research scientists, tenure-track assistant/associate professors, medical fellows – less than 10 years from appointment at an academic or research institution across the U.S. Proposals should address one of the following two topics.

Topic 1: "LS-SAFE -The Lymphatic System's Role in Infectious Disease Makes Us SAFE via Surveillance, Activation, Fluid Return and Elimination"

This topic will explore knowledge gaps at the intersection of the immune, circulatory, and lymphatic systems, transforming lymphatic medicine into a recognized discipline.

Topic 2: "Advanced Computational Platform for Allogeneic Human Leukocyte Antigen-Matching"

This topic leverages efforts across donor/transplantation consortiums, database management, and machine learning components of artificial intelligence to develop a customizable application that can provide clinical decision support for matching transplantation recipients with an allogeneic donor, effectively lowering the risk of Graft vs. Host Disease.

Track 2 - Community-Centered Innovation:
This track will focus on engaging community innovators that apply or utilize community-engaged research methods to develop innovative

technologies, tools, and/or platforms that can have significant impact on the health of communities across the U.S.

Proposal submissions should be led by community innovators – such as community healthcare workers, medical professionals, nurses, and social workers – employed at community health centers, community-based organizations, and/or non-profit organizations. The proposer can partner with an academic or research institution to complete all or a portion of the proposed activities. Proposals should address one of the following two topics.

Topic 1: "Disrupting asthma: Empowering community-based organizations to leverage technology and deliver personalized and effective asthma management for children."

This topic will use state-of-the-art technologies such as wearables, smart digital platforms, and novel flow devices, to empower community-based organizations to implement efficient, cost-effective and novel asthma management approaches in the communities they serve.

Topic 2: "Community care for personal well-being: Empowering community-based organizations to leverage technology to deliver personalized environmental monitoring and recommendations."

This topic will enable community-based organizations to develop and implement personalized services and environmental monitoring in the communities that they serve by leveraging state-of-the-art technologies such as wearables and virtual assistants.

IV: EHI – PROPOSERS' DAY INFORMATION

Proposers' Day Participation
EHI's virtual PD is a voluntary informational session where potential proposers can learn about the funding opportunity, including:
- Why, what, when and how to propose.
- Eligibility requirements to propose for Track 1 or Track 2.
- Contracting specifics, regulatory expectations, and transition efforts once the technology is successful.

Additionally, prospective proposers can participate in *optional* lightning talks to share their EHI-relevant capabilities and areas of interest with ARPA-H.

Proposers' Day Structure
The overarching goal of EHI's PD is to provide an overview of the ARPA-H vision for the EHI Initiative, thereby providing specific opportunities for prospective proposers to identify team members in an organic and naturally collaborative way.

Lightning Talks
Lightning talks offer potential proposers the opportunity to share their EHI-relevant capabilities and interests with ARPA-H. Reservations for lightning talks require pre-registration on the EHI PD registration site and are secured on a first-come, first-served basis. Participants will be granted five (5) minutes to present one (1) slide on their research as it relates to the intersection of their expertise and EHI's tracks/topics. There will be separate lighting talks for Track 1 and Track 2. Only virtual lightning talks will be supported. **Presenters should not include proprietary information**. All PD participants are invited to observe the virtual lightning talks.

Teaming Profiles
Interested parties are also encouraged to submit a 'teaming profile' via the ARPA-H Solutions Portal linked here: https://solutions.arpa-h.gov/Teaming/EHI Teaming Profile Form. The teaming profile will describe the technical competencies, team capabilities, team composition, research areas of interest, unique facilities and other capabilities, as they relate to the Initiative, as well as desired technical/other competencies sought from other potential team partners. The profile will include, at a minimum:

- Contact information, to include name, organization, email, telephone number, mailing address, and website.
- Brief description of the proposer's technical competencies and relevant facilities.
- Desired technical competencies and facilities from other potential team members, if applicable.

Specific content, communications, networking, and team formation are the sole responsibility of participants. ARPA-H does not endorse any participating organization or exercise any responsibility for improper dissemination of the team profiles.

Registration Information

Participants must register in advance through the registration website. **There will be no same-day registration.** An online registration form and various other meeting details can be found at the registration website, [Proposers' Day Registration](#).

The link to the webinar registration confirmation will be released to potential proposers' whose registration request is accepted in the days leading up to proposers' day.

All inquiries should reference "EHI Proposers' Day (ARPA-H-SN-25-119)" in the subject line of the email. Prior to submitting an e-mail inquiry, please check the [General Program FAQs](#) to see if your question is answered there.

V. DISCLAIMER

This SN is issued solely for information and potential new initiative planning purposes; the SN does not constitute a formal solicitation for solution summaries or proposals and any sent will not be reviewed. Participation is voluntary and is not required to respond to subsequent ISOs (if any) or research solicitations (if any) on this topic. ARPA-H will not provide reimbursement for costs incurred in responding to this SN. Respondents are advised ARPA-H is under no obligation to acknowledge receipt of the information received or provide feedback to respondents with respect to any information submitted under this SN.