

## ADVANCED RESEARCH PROJECTS AGENCY FOR HEALTH

### PROACTIVE HEALTH OFFICE

<b>Special Notice (SN): ARPA-H-SN-25-125</b>	
<b>OPPORTUNITY</b>	PROactive Solutions for Prolonging Resilience (PROSPR)
<b>EVENT</b>	Proposers' Day (Hybrid Attendance)
<b>EVENT DATE</b>	January 24 <sup>th</sup> , 2025
<b>PROGRAM WEBSITE</b>	<a href="https://arpa-h.gov/research-and-funding/programs/prospr">https://arpa-h.gov/research-and-funding/programs/prospr</a>
<b>REGISTRATION DEADLINE</b>	January 21, 2025, Noon ET
<b>REGISTRATION WEBSITE</b>	<a href="https://solutions.arpa-h.gov/PROSPR/">https://solutions.arpa-h.gov/PROSPR/</a>
<b>REGISTRATION POC</b>	<a href="mailto:PROSPR@arpa-h.gov">PROSPR@arpa-h.gov</a>
<b>TECHNICAL POC</b>	Dr. Andrew Brack, Program Manager, Proactive Health Office

#### PROPOSERS' DAY

The Advanced Research Projects Agency for Health (ARPA-H) is hosting a Proposers' Day in support of the PROactive Solutions for Prolonging Resilience (PROSPR) Program. ARPA-H anticipates releasing the draft PROSPR Innovative Solutions Opening (ISO), ARPA-H-SOL-25-125, in December 2024 and the final ISO in January 2025. When released, the draft and final ISO will be available at <https://sam.gov/>

#### PROPOSERS' DAY GOALS

1. Introduce the ARPA-H PROSPR program goals and vision to the research community;
2. Clarify the logistics of an ARPA-H program as well as PROSPR-specific objectives and milestones;
3. Review the PROSPR program deliverables; and
4. Encourage and promote teaming among potential Performers

#### PROGRAM GOALS

The PROSPR program aims to develop interventions that extend healthspan by 20 years by targeting the underlying causes of age-induced health loss and thereby preventing the onset of multiple age-related diseases simultaneously. To facilitate the study and testing of healthspan interventions, PROSPR will first reduce the time and cost investments that currently prevent a thriving healthspan therapeutics industry from developing. By directly demonstrating that human age-induced health outcomes can be predicted by biochemical and physiological measures in a single composite

intrinsic capacity (IC) score, PROSPR will remove the need for 20-year clinical efficacy trials. By focusing second generation interventions on those that target early health loss, PROSPR aims to preserve health in aging individuals before chronic diseases can develop. This will transform geriatric medicine into a personalized, comprehensive, preventive care model.

## **TECHNICAL APPROACH**

PROSPR aims to provide all Americans 20 additional years of good health as they age by developing new therapies and creating the data to allow short-duration clinical trial capability that predicts long-term health outcomes. As such, ARPA-H is interested in innovative solutions that address all three Technical Areas (TAs) introduced below.

- 1. PROSPR intrinsic capacity score (TA1):** *Develop an intrinsic capacity score comprised of human physiological and biochemical components, that predicts 20-year health outcomes and build a technology to measure IC at home. Enabling consistent monitoring of health and promoting proactive health management.*
- 2. Repurposing FDA-approved interventions for healthspan extension (TA2):** *Strategically repurpose FDA-approved drugs with excellent long-term safety profiles in a decentralized clinical trial. Beyond accelerating the development of healthspan extension therapeutics, the data will establish a consensus around decentralized clinical trials for aged, non-diseased populations, improving participant retention and engagement.*
- 3. Second generation interventions (TA3):** *Advance innovative interventions with strong preclinical evidence to enhance healthspan. Developing the next generation of healthspan therapeutics with high efficiency and pleiotropic effects to prevent health decline.*

## **PROPOSERS' DAY INFORMATION**

### **Registration Information**

In-person attendance is limited by the venue capacity and early registration is strongly recommended. In-person registration may close prior to the registration deadline due to the venue capacity being met. Should demand exceed venue capacity, organizations may be asked to limit the number of participants attending in-person. The determination of what constitutes an organization will be made by the ARPA-H Program Manager. Registration for the virtual event is unlimited. Any changes to the registration deadline will be posted on the registration website. Participants must register in advance through the registration website for in-person or virtual attendance. The

registration deadline for the PROSPR Program Proposers’ Day is January 21, 2025, at Noon ET. **There will be no same-day registration.** In-person registration must be confirmed by ARPA-H. All attendees, regardless of participation status will receive an email with the webinar link prior to event kick-off. **The event is closed to the general public and media.**

**Event Format**

The ARPA-H PROSPR Proposers’ Day will be a hybrid one-day event . It will be hosted in-person in Dallas, Texas and virtually via Zoom. The PROSPR Proposers’ Day will include presentations by ARPA-H, including a technical overview of the PROSPR Program. The Proposers’ Day will host a limited number of lightning talks. Please review the individual event element sections following the DRAFT agenda for more information.

**Proposers’ Day Notional DRAFT Agenda\***

<b>Friday, January 24, 2025 (Times are listed in CST)</b>	
8:30-9:00 am	Check-in
9:00-10:35 am	Introduction, PROSPR Program Overview, and other presentations
10:35-10:50 am	Break
10:50-11:30 am	ARPA-H presentations
11:30-12:30 pm	Lunch
12:30-5:00 pm	Lightning talks and closing remarks

\* Agenda subject to change. All registered attendees will be receiving a final agenda prior to event kick-off.

**Lighting Talks (Proposers’ Day)**

During registration, attendees should indicate their interest to present a lighting talk during Proposers’ Day. This is an opportunity for performers to showcase their ability with the intention of forming the best teams with other performers at the meeting. This talk will not be a part of the proposal selection process and is not required, particularly for those who have already identified teams. The lighting talks are limited to a maximum of 4 minutes and accompanied by a slide presentation. Lightning talks will be accepted on a first-come first-served basis, and will require advanced registration on the PROSPR registration site. Accepted attendees will be provided instructions on how to submit their lightning talk slides, which must be shared with ARPA-H before registration closes.

**SUPPLEMENTAL INFORMATION**

## Teaming Profiles

Interested parties are invited to submit a 'teaming profile' via the PROSPR website. 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 program, and desired technical/other competencies sought from other potential team partners. The profile will include, at a minimum:

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

Teaming profiles will be made available through a forthcoming Teaming Page on the ARPA-H PROSPR website. Specific content, communications, networking, and team information 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.

## Administrative

All questions regarding the ARPA-H PROSPR Proposers' Day event should be directed to ARPA-H Solutions. Please refer to the Proposers' Day Special Notice number (**ARPA-H-SN-25-125**) in all correspondence.

This special notice is issued solely for information and potential new project planning purposes; the notice does not constitute a formal solicitation for proposals nor solution summaries. Any proposals or solution summaries received in response to this notice will be **discarded**.

Attendance is voluntary and is not required to submit a proposal or solution summary to subsequent ARPA-H ISOs (if any) on this topic. ARPA-H will not reimburse costs incurred in responding to this Special Notice. Respondents are advised that ARPA-H is under no obligation to acknowledge receipt of any information received or provide feedback to respondents with respect to any information submitted under this Special Notice.