



INNOVATIVE SOLUTIONS OPENING FOR
INTELLIGENT GENERATOR OF RESEARCH

IGoR

PROACTIVE HEALTH OFFICE

ARPA-H-SOL-26-155

MAY 5, 2026

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INNOVATIVE SOLUTIONS OPENING (ISO) SUMMARY INFORMATION

FEDERAL AGENCY: Advanced Research Projects Agency for Health (ARPA-H)

PROGRAM TITLE: Intelligent Generator of Research (IGoR)

ANNOUNCEMENT TYPE: Innovative Solutions Opening (ISO)

ISO NUMBER: ARPA-H-SOL-26-155

ISO CONTACT: IGoR@arpa-h.gov

ANTICIPATED AWARD(S):

Multiple Other Transaction (OTs) Agreements

DATES: (All times listed are Eastern Time)

Proposers' Day: T.B.D.

Solution Summaries due date: 06/25/2026, 12:00 PM

Proposals due date: 08/06/2026, 12:00 PM (Noon)

WHERE TO SUBMIT:

Solution Summaries: <https://solutions.arpa-h.gov/Submit-Solution/>

Questions: <https://solutions.arpa-h.gov/Ask-A-Question/>

Proposals: <https://solutions.arpa-h.gov/Submit-Proposal/>

Registration is required to submit documents via the ARPA-H Solutions site. Plan to register well in advance of the Solution Summary submission deadline; late submissions resulting solely from delays with registration may not be considered.

RESOURCE SHARING: Resource sharing is encouraged.

1. PROPOSERS' DAY

ARPA-H will host a Proposers' Day in support of the IGoR program described in this ISO. The purpose of the engagement is to provide information, promote discussion, and encourage teaming and networking. Attendance is voluntary (but highly encouraged). A recording of the event will be posted to the ARPA-H IGoR program webpage. ARPA-H will not reimburse entities for the cost of attendance.

2. INTRODUCTION TO IGoR

The Intelligent Generator of Research (IGoR) program aims to eliminate longstanding inefficiencies in research and accelerate the development of effective therapies for complex diseases by creating an AI-enabled interoperable research ecosystem. IGoR would develop: 1) mechanistic disease models that encode causal biological relationships across scales, 2) an AI orchestration layer that identifies knowledge gaps and designs optimal experiments, 3) a layered protocol architecture that enables any qualified laboratory to execute the same experiment reproducibly, and 4) a distributed marketplace of validated laboratories that execute standardized protocols and return gold-standard data. Together, these components form a cycle of hypothesis generation, experimentation, and model refinement that enables researchers to create validated knowledge at least 10x more rapidly than conventional approaches. Ultimately, IGoR will empower researchers at every level to pursue bold, unconventional research directions that are currently too slow, too complex, or too resource intensive.

IGoR is a 5-year, 3-phase program. ARPA-H anticipates awarding to approximately three multidisciplinary teams, each addressing all four components. A complete description of the program vision, technical requirements, milestones, metrics, and collaboration expectations is provided in Appendix A: Program and Technical Description.

3. ELIGIBILITY INFORMATION

3.1 ELIGIBLE PROPOSERS

Except as noted herein, all sources that can satisfy the government's needs and that are neither debarred nor suspended from doing business with the government may respond to this ISO. Universities, non-profit organizations, small businesses and other commercial entities are encouraged to respond. Any submission received will be fairly considered against the terms and conditions of the solicitation and may be selected for award.

3.1.1 PROHIBITION ON PARTICIPATION BY FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS (FFRDCS) AND GOVERNMENT ENTITIES

- (a) ARPA-H is primarily interested in responses to this solicitation from commercial entities, academia, and non-profit organizations, not from federal or state governments. As such, Federally Funded Research and Development Centers (FFRDCs) and government entities (which includes government employees) **will not be considered** as either the prime or a sub-performer.
- (b) However, an FFRDC or government entity may have unique capabilities that are not otherwise available. Accordingly, when a potential prime performer believes an FFRDC has a unique capability without which its solution is unachievable, it may provide documentation demonstrating it has exhausted all other options as part of its submission(s). ARPA-H will determine whether inclusion of the FFRDC is necessary for the solution.
- (c) If an FFRDC or government entity is interested in working directly with the ARPA-H team supporting the research described by this ISO, contact IGoR@arpa-h.gov for guidance.

3.1.2 CURRENT PROFESSIONAL SUPPORT TO ARPA-H

Support services involve contracted labor providing technical, professional, and/or financial expertise, and/or administrative assistance. Individuals and entities providing support services to ARPA-H are ineligible for an award stemming from this ISO.

3.1.3 FOREIGN ENTITIES

While ARPA-H prioritizes awards to entities (organizations and/or individuals) that conduct funded work in the United States, foreign entities may participate to the extent that they comply with non-disclosure agreements, security regulations, export control laws, and other governing statutes applicable under the circumstances. In no case will award be made to:

- An entity of concern meeting any of the criteria in Section 10638(3) of the CHIPS and Science Act of 2022;

- An individual who is a party to a malign foreign talent recruitment program (MFTRP) as defined in Section 10638(4) of the CHIPS and Science Act of 2022;
- Non-domestic entities organized under the laws of a “covered” foreign country (as defined in 50 U.S.C. § 3059); or

3.2 SYSTEM FOR AWARD MANAGEMENT (SAM.GOV)

At the time of proposal submission, the proposer must be registered in the System for Award Management (SAM.gov) and have a valid Unique Entity Identifier (UEI). Proposers must also have an active, accurate registration in SAM.gov at the time of award and through its expiration. SAM.gov requires certain information to register and obtain a UEI (e.g., Taxpayer Identification Number, Electronic Funds Transfer info, etc.); go to SAM.gov and click the “Get Started” button on the home screen to begin the registration process. New registrations take an average of 7-10 business days.

4. SUBMISSION PROCESS

4.1 OVERVIEW

Non-Gated Solution Summary processes involve:

Step 1: Submit Solution Summary through the Solutions site.

Step 2: Potential proposers are provided feedback encouraging or discouraging the submission of a proposal.

Step 3: Submit Proposals (Potential proposers may submit proposals, regardless of whether encouraged in Step 2).

NOTE: ARPA-H will not reimburse entities for costs incurred in responding to this ISO.

4.2 SOLUTION SUMMARIES

Solution Summary submissions are **required**, and due by the date listed in the ISO Summary Information Section. (See Appendix B for the Solution Summary Format and Instructions.) All Solution Summaries must be in English with a *sans serif* font type NO smaller than 11-point and with a readability similar to that of Calibri, Arial, or Avenir Next Pro Light. Narrow or condensed fonts should not be used. Solution Summaries have a limit of **five (5)** pages. (The cover pages, including company profile pages, and the References Cited section do not count toward the five-page limit.) Content in blue font is not recommended for use and should be deleted by the proposer before submitting a Solution Summary.

4.3 SOLUTION SUMMARY REVIEW

ARPA-H will review and respond to each Solution Summary submission. Solution Summaries will be reviewed for the purpose of providing feedback regarding whether ARPA-H is interested in the Solution Summary concept. At a minimum, the government's response will indicate whether submission of a proposal is encouraged or discouraged. Although a proposal may be submitted regardless of the feedback provided, potential proposers are advised to give the government's decision significant weight when determining whether to invest time and resources in the development of a proposal.

It is ARPA-H's intent to protect all solution summaries and to disclose their contents only for the purpose of review, and only to screened personnel for authorized reasons, in accordance with applicable federal laws and regulations, including the Freedom of Information Act (FOIA). Restrictive notices notwithstanding, submissions may be handled by ARPA-H support contractors during the review process for administrative purposes and/or to assist with technical review.

ARPA-H support contractors are expressly prohibited from performing ARPA-H-sponsored technical research and are bound by appropriate non-disclosure agreements. Input on technical aspects of Solution Summaries may be solicited by ARPA-H from non-government consultants/experts who are strictly bound by appropriate non-disclosure requirements.

When large language models (LLMs) are used (to extract data elements, summarize text, and generate text), all data will be transmitted exclusively through secure API calls, with external tool calls such as web searches disabled. Vendor contracts and technical controls enforce strict security measures: data sent for inference is never used to train public models, and all access, retention, and logging are tightly restricted and fully auditable.

4.4 PROPOSAL SUBMISSION REVIEW

After completing a Solution Summary review, ARPA-H will notify each proposer whether it is 'encouraged' to or 'discouraged' from submitting a proposal. Please see Appendix C for additional details.

4.5 PROPRIETARY INFORMATION

The originator of a submission is responsible for identifying all proprietary information therein. Submissions containing proprietary information must clearly mark the cover page and each page that contains such information with a label

such as "Proprietary".

NOTE: "Confidential" is a classification marking used to control the dissemination of information related to national security and should not be used to identify proprietary business information. ARPA-H handles submissions in accordance with applicable federal law, including FOIA.