



University of California
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ARPA-H Entry Point: The Abstract

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Agenda

- A few basics of submission process
- Overview of 3-page Abstract
- Overview of evaluation criteria

Process Overview



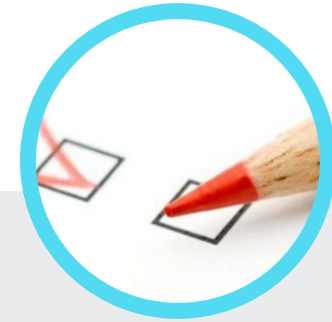
Abstract Submission (BAA page 11)

- Cover should be marked “ABSTRACT.”
- Length should not exceed 3 pages (excludes cover page, ROM & citations).
- Abstract should include all sections as specified in the BAA.
- Abstract evaluation criteria – scientific and technical merit, proposer's capabilities, and affordability.



Full Proposal (BAA page 13)

- **Must be invited** to submit a full proposal based on abstract review.
- Volume I – Technical & Management.
- Volume II – Cost Proposal.
- Cover page - no more than one page in length.
- Summary of Proposal & Detailed Proposal Info – no more than 30 pages in length (excludes SOW).
- SOW – no page limit.



Evaluation and Selection (BAA page 25)

- A scientific/technical review will be conducted of each abstract/proposal.
- Selection for award will be made based on evaluation criteria outlined in the BAA and availability of funding.

Evaluation Criteria

Overall Scientific and Technical Merit (Abstract and Full Proposal)

- Innovation
- Feasibility
- Achievability
- Complete
- Risk Mitigation Strategy

Proposer's Capabilities and/or Related Experience (Abstract and Full Proposal)

- Relevant Expertise
- Experience in Managing Similar Effort

.

Evaluation Criteria (cont.)

Potential Contribution and Relevance to the ARPA-H Mission (Full Proposal)

- Relevance to Mission
- Unmet Need
- Future Application

Cost Realism/Price Reasonableness/Funding Availability/Affordability (Abstract and Full Proposal)

- Cost Realism
 - Realistic for the work to be performed
 - Price Reasonableness
 - Ensure the overall price is fair and reasonable (e.g., not too high)
- Availability/Affordability
 - May only acquire goods or services that meet needs and are within budgetary constraints
 - IP considerations.

What Makes for a High-Quality Submission?

Technical Merit

- Great Idea
 - Aligns with ARPA-H's mission
 - Revolutionary not Evolutionary
- Doable
 - supported by personnel, a methodology, plans for project and risk management, etc., that can take the idea from concept to reality

Clarity and Conciseness

- Abstracts/proposals should be well-written, clear, and concise, with a logical flow and organized structure that makes it easy to understand the proposed work.

The Abstract

Basics

- All submissions, including abstracts and proposals, must be written in English \geq 12-pt font. Smaller font may be used for figures, tables, and charts.
- Documents submitted must be clearly labeled with the ARPA-H BAA number, proposer organization, and proposal title/proposal short title.
- The cover sheet should be clearly marked “ABSTRACT,” and the total length **should not exceed 3 pages in length.**

The Abstract

The Components

- Cover Page (does not count toward page limit)
 - (1) BAA number (75N992XXXXXX);
 - (2) Technical area;
 - (3) Lead Organization submitting proposal;
 - (4) Type of organization
 - (5) Proposer's reference number (if any);
 - (6) Other team members (if applicable) and type of organization for each;
 - (7) Proposal title;
 - (8) Technical point of contact to include: salutation, last name, first name, street address, city, state, zip code, telephone, email;
 - (9) Same info for Administrative point of contact;
 - (10) Total funds requested from ARPA-H, and the amount of cost share (if any); AND
 - (11) Date proposal was submitted.
 - (12) Keywords – Using their keyword document, select up to three keywords. The keywords will be used to direct submissions to the most appropriate reviewers.

The Abstract

The Components cont'

- Concept Summary (~ ¼ page) – Proposed concept described with minimal jargon and with explanation of how it addresses the BAA topic area(s).
- Innovation and Impact (~ ¾ page) - Clearly identify the health outcome(s) sought and/or the problem(s) to be solved. Describe how the proposed effort represents an innovative and potentially revolutionary solution to the technical challenges posed by the BAA. Explain the potential to be disruptive compared to existing or emerging technologies. Describe how the concept will have a positive impact on at least one of ARPA-H's mission areas.
 - Provide quantitative metrics in a table that compares the current state of the art with proposed potential future states.

The Abstract

The Components cont'

- Proposed Work (~ **1.5 page**) – Describe:
 - Final deliverable(s) for the project, 1 or 2 key interim milestones, and the overall technical approach
 - Discuss alternative approaches
 - Describe the supporting background; Provide specific examples of supporting data and/or appropriate citations
 - Identify commercialization challenges
 - Describe why the proposed effort is a significant technical challenge and the key technical risks.
 - At a minimum, the abstract should address: Does the approach require one or more entirely new technical developments to succeed; How will technical risk be mitigated?

The Abstract

The Components cont'

- Team Organization and Capabilities (~ ½ page) –
 - Indicate roles/responsibilities of Project Team orgs and key personnel - name, position, and institution of each key team member and describe in 1-2 sentences the skills and experience that he/she brings to the team
- Rough Order of Magnitude (ROM) **(not counted in page limit)** – Provide a ROM estimate of timeline and federal funds requested:

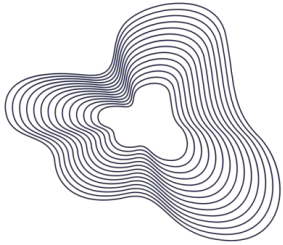
Cost Category	Amount
Direct Labor	
Subcontracts	
Materials	
Equipment	
Travel	
Other Direct Costs	
Profit	
Cost Sharing	



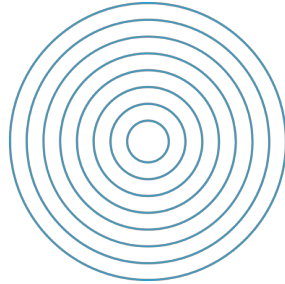
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Thank you!

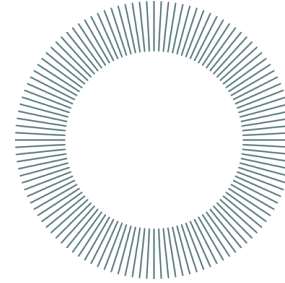
Initial Focus Areas



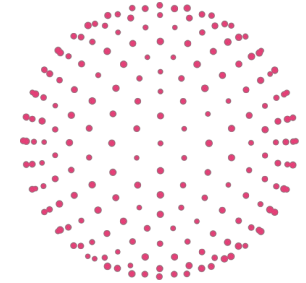
Health Science Futures -
*Expanding what's
technically possible*



**Scalable
Solutions -**
*Reaching
everyone quickly*



Proactive Health -
*Keeping people
from being patients*



Resilient Systems -
*Building integrated
healthcare systems*

Additional topics of interest

- Quantitative measurements of health outcomes
- Human-centered design for health innovations
- Participatory research
- Advances in Ethical, Legal, and Societal Implications (ELSI)

Other Important Info

ARPA-(H)eilmeier Questions - Towards a Well-Defined Problem

1. What are you trying to do? What health problem are you trying to solve?
2. How does this get done at present? Who does it? What are the limitations of present approaches?
3. What is new about our approach? Why do we think we can be successful at this time?
4. Who cares? If we succeed, what difference will it make?
5. What are the risks? That may prevent you from reaching your objectives? Any risks the program itself may present?
6. How long will it take?
7. How much will it cost?
8. What are our mid-term and final exams to check for success?
9. To ensure equitable access for all people, how will cost, accessibility, and user experience be addressed?
10. How might this program be misperceived or misused (and how can we prevent that from happening)?

Agency-wide Open BAA Basics

Award Types

- They will choose award type based on best fit for project
- Awards will not be grants; rather they will be Cooperative Agreements, Other Transactions, and Procurement Contracts.

Award Timeline

- Ideal* is 90 days from receipt of full proposal to award but dependent on ARPA-H resources, award type, negotiations, etc.

Award Funding

- There is no funding limit for individual awards, no ceiling or award range for individual awards, or an overall ceiling for the BAA.

**could shift due to bandwidth*

Award Types – Cooperative Agreements and Other Transactions (OT)

Both have substantial ARPA-H involvement

- Unlike grants, cooperative agreements and OTs involve substantial involvement from ARPA-H, which may provide ongoing guidance and oversight throughout the project.

OTs are agreements (not *FAR procurement contracts*)

- Streamlined alternative to traditional procurement contracts, which can be more time-consuming and rigid.
- Many laws and regulations don't apply (e.g., CICA, FAR, CAS, Bid Protest, GAO Bid Protest, etc.)
- Invoke commercial practices, such as negotiating terms and conditions