DEFINE
- Prioritize innovation gaps
- Communicate goals
- Create incentives

MEASURE
- Collect data on unmet needs & equity
- Establish dashboard

ALIGN
- Organizations
- Policies
- Funding

FINANCE
- Use new financing tools
- Create markets

CREATE TRANSPARENCY

CREATE INCENTIVES

FOSTER COLLABORATION

ATTRACT CAPITAL

DIGITIZE ECOSYSTEM END TO END

MITRE’S SYSTEM-LEVEL FRAMEWORK FOR ACCELERATING BIOMEDICAL INNOVATION
MITRE’s Recommendations for ARPA-H to Accelerate Biomedical Innovation

1. Measure
   Measure the health innovation ecosystem by developing and applying standardized measures for the health innovation ecosystem and creating an executive-level dashboard that permits ARPA-H decisionmakers to model the pipeline of health innovations, evaluate scenarios to inform regulatory and funding decisions, and project impact on health outcomes, value, and access.

2. Define
   Define federal government priorities using a data-driven method to identify innovation gaps, communicate priorities transparently using Target Product Profiles, and use payment policy in federal programs such as Medicare and Medicaid to apply “pull” incentives to encourage innovators to fill other pressing gaps.

3. Align
   Align policies, practices, priorities, and objectives with an executive-level Policy Committee; ARPA-H engagement across sectors, interests, and communities; and a “front door” path for innovators to foster partnerships.
MITRE’s Recommendations for ARPA-H to Accelerate Biomedical Innovation

4. Finance
Enable ARPA-H to attract private capital to federal government innovation priorities by constructing innovation investment funds, creating a secondary market for products with favorable outcomes that were deprioritized due to lower profit, and partnering with social impact investors.

5. Digitize
Position ARPA-H to benefit from a coordinated, digital ecosystem that supports increased access to, and ultimate use of, information for an equitable view of health that empowers individuals and communities.