PCORI Dissemination and Implementation Program

Dissemination and Implementation Research Summit
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Overview

- PCORI 101
- PCORI D&I Program
- PCORI Funding Opportunities
- Building a strong PCORI implementation proposal
Our Mission and Strategic Goals

PCORI helps people make informed healthcare decisions, and improves healthcare delivery and outcomes, by producing and promoting high-integrity, evidence-based information that comes from research guided by patients, caregivers, and the broader healthcare community.

Our Strategic Goals:

- Increase quantity, quality, and timeliness of useful, trustworthy research information available to support health decisions
- Speed the implementation and use of patient-centered outcomes research evidence
- Influence research funded by others to be more patient-centered
“Patient-centeredness”

- Answers questions and examines outcomes that matter to patients
- Research questions and outcomes reflect what is important to patients and caregivers

“Patient and stakeholder engagement”

- Patients are partners in research, not just “subjects”
- Active and meaningful engagement between scientists, patients, and other stakeholders

Engagement as a Path to Useful, High-Quality Research
Snapshot of Funded Projects

Number of projects: More than 600

Amount awarded: More than $2 billion

Number of states where we are funding research: 41 (plus the District of Columbia)

As of November 2017
Our Broad and Complex Mandate

“The purpose of the Institute is to assist patients, clinicians, purchasers, and policy-makers in making informed health decisions by advancing the quality and relevance of evidence concerning the manner in which diseases, disorders, and other health conditions can effectively and appropriately be prevented, diagnosed, treated, monitored, and managed through research and evidence synthesis...

... and the dissemination of research findings with respect to the relative health outcomes, clinical effectiveness, and appropriateness of the medical treatments, services...”

--from PCORI’s authorizing legislation
The D&I Program is charged with heightening awareness of the results of PCORI-funded research, and with advancing efforts to put these findings into practice to improve healthcare delivery and health outcomes.
PCORI’s Definitions of D&I

**Dissemination:**
The intentional, active process of identifying target audiences and tailoring communication strategies to **increase awareness and understanding of evidence and to motivate its use** in policy, practice, and individual choices.

**Implementation:**
The deliberate, iterative process of **integrating evidence into policy and practice by adapting evidence to different contexts and facilitating behavior change and decision making** based on evidence, across individuals, communities, and healthcare systems.

— *PCORI D&I Framework; 2015.*
Dissemination & Implementation Program Activities

- PCORI Research Findings
  - PCORI Peer Review

- Public Reporting

- Targeted Dissemination

- Targeted Implementation

- Evidence Assessment

- Audience Assessment

- Broad Health System Implementation with AHRQ

- Informed Decisions
  - Changes in Behavior, Practice, Systems

- Better Health Outcomes
Engagement Award Program Funding Opportunities

**Engagement Award: Dissemination Initiatives**
Objective: Actively disseminate PCORI-funded research findings

- Up to $300,000
- 2 years

**Engagement Award: Capacity Building**
Objective: Develop infrastructure and partnerships for D&I of PCORI-funded research findings

- Up to $250,000
- 2 years

**Engagement Award: Conference Support**
Objective: Convene to communicate PCORI-funded research finding to targeted end-users

- Up to $50,000
- 1 year
D&I Program: Implementation Funding Opportunities

Goal to facilitate the uptake & integration of PCORI evidence into real world practice

*Implementation of Effective Shared Decision Making Approaches in Practice Settings*

Promotes the implementation and systematic uptake of shared decision making in practice settings. ($6.5-$8M total funding available per year)

*Limited Competition D&I PFA: Implementation of PCORI-Funded PCOR Results*

Provides PCORI investigator teams the opportunity to propose the next steps to put their research findings into real world practice. ($9M total funding available per year)
Limited Competition: Implementation Awards

Eligibility:

- Limited to previously-funded PCORI awardee teams – applicant must be previous PI or other major role – with CER findings.

Scope of Awards:

- Up to $1M direct costs
- Up to 3 years

Currently Funded:

- 12 funded projects
- Implementation Sites in 21 states
Examples of Recent Implementation Awards

**Implementation of a Shared Decision Making Intervention in Practice: The Chest Pain Choice Pathway (PI: Erik Hess)**

This project is implementing an shared decision making intervention in 5 hospital emergency departments in three different health systems, to help patients experiencing chest pain decide on follow-up options with their clinicians.


This project is helping clinicians to better identify, evaluate, and report suspected child abuse through the use of a tailored clinical decision support package embedded in electronic health records in five emergency departments within two health systems.
Limited Competition: Implementation Awards

PCORI Research Study

RESULTS

LOIs

Invited Applications

Multi-stakeholder Merit Review

Implementation Project

Funding Approval

Uptake of Evidence
Limited Competition: Implementation Awards

- PCORI Research Study
- RESULTS
- LOIs
- Invited Applications
- Multi-stakeholder Merit Review
- Uptake of Evidence
- Implementation Project
- Funding Approval
Implementation Awards: Merit Review Criteria

1. Importance of research results in the context of the existing body of evidence
- Does the application sufficiently identify and describe the original evidence gap that the PCORI-funded research addressed? Does the application sufficiently demonstrate that the evidence gap persists and is important?
- Does the application clearly describe the PCORI research results being proposed for dissemination?
- Does the application sufficiently discuss how the PCORI research results relate to the body of evidence in the existing literature? Specifically, does the application address the extent to which the PCORI results align with or contradict the existing evidence base?
- Will further uptake of these results, beginning with the project proposed, constitute a change in practice and lead to improved health care and health outcomes?

2. Readiness of the research results for dissemination
- Are the PCORI results well described, including their strength in terms of clinical and statistical significance?
- Does the application sufficiently address the generalizability of the PCORI research results to populations beyond the immediate study sample?
- Does the application identify the decision-making context in which the PCORI results are most relevant beyond the initial study setting?
- If the applicant is proposing to adapt an effective intervention, is the adaptation well justified? Does the applicant provide adequate justification that the adapted intervention will be ready for dissemination?

3. Technical Merit
- Does the application sufficiently describe the group that will be the target of the proposed dissemination activity? Does it describe the setting in which the dissemination will take place? Are these targeted users and settings generalizable?
- Does the application use a D&I framework or model to inform the project design and evaluation outcomes and to address the potential longer-term implications of the proposed D&I project on clinical practice and patient-centered outcomes?
- Does the application provide a clear approach for disseminating the described research results?
  ▪ Are the dissemination or implementation approaches appropriate for this D&I effort? Consider the extent to which they are tested, evidence based, and consistent with principles and findings from implementation science.
- Does the application propose appropriate measures and describe the plan for evaluating success in sufficient detail, including an appropriate balance of measurable process and short-, intermediate-, and longer-term outcomes to capture timely information on the effectiveness of the proposed D&I activities?
- Does the application consider factors that may help or hinder the use of research results, including specific barriers to user implementation and how to mitigate them, within the context of the proposed project?
- Does the application address scalability, including a clear path for future efforts to bring these research results into wider use?
- Is the proposed timeline realistic, including specific project milestones?

4: Project personnel and environment
- How well qualified is the project team (e.g., PIs, collaborators, and other stakeholders) to conduct the proposed activities?
- Does the investigator (or co-investigator) have demonstrated experience conducting projects of a similar size, scope, and complexity?
- If the project is collaborative or dual-PI, do the investigators have complementary and integrated expertise? Are the leadership, governance, and organizational structures appropriate for the project?
- (Dual-PI Option Only) Does the Leadership Plan adequately describe and justify roles and areas of responsibility of the PIs?
- Is the level of effort for each team member appropriate for successful conduct of the proposed work?
- Does the application describe adequate availability of and access to facilities and resources (e.g., collaborative or partnering arrangements) to carry out the proposed project?
- Is the institutional support appropriate for the proposed project?

5. Patient-Centeredness
- Does the application demonstrate a clear link between the proposed D&I project and ultimate benefit/value to patients?

6. Patient and Stakeholder Engagement
- Does the application demonstrate that stakeholders central to the proposed project are engaged with project planning and execution? Have patients or their representatives been engaged to inform the dissemination strategy or other relevant aspects of the project?
- Has the application demonstrated a sufficient willingness and readiness of the healthcare systems and settings in which dissemination will occur to use and embrace these research results?
- Does the application demonstrate clear interest of personnel at target settings in the D&I of the PCORI research findings and clear commitment to participate as active partners in the project?
- Does the application demonstrate the principles of reciprocal relationships, co-learning, partnership, trust, transparency, and honesty?
Building a Strong Proposal

Are your research findings/results well described, meaningful, and actionable? How do your results fit into the existing body of evidence?

Is translation or adaptation of your evidence or intervention needed to promote accessibility, use, and uptake?

Who is the target of the implementation activities (i.e., those whose practice and/or behavior is being targeted for change)? How will this improve patient outcomes and healthcare delivery?

Is there a clear logic pathway describing how the implementation activities will lead to changes in knowledge, behavior, and health outcomes?
Building a Strong Proposal

Do you have commitment and buy-in from your implementation sites and partners? How will implementation at these sites inform future implementation activities?

Are regional or national stakeholders included who can help support implementation beyond this project?

Do you have a robust evaluation strategy, which will document not only successful execution of the implementation activities, but also the impact of the implementation on outcomes such as health, behavior change, and healthcare utilization?

Does your project have strong potential to lead to uptake of your findings/evidence and to result in changes in practice and improvements in healthcare and health outcomes?
Thank You!

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