

Passion and Mission Aligned at PCORI: Pursuing Health Impact and Equity through Engaged Research

University Hospitals Health Services
Research Center

Nakela L. Cook, MD, MPH
Executive Director, PCORI
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Our Discussion Today

- PCORI's Unique Approach to Health Research
- My Career Journey
- Patient and Community Engagement: *Research Done Differently*®
- Dissemination and Implementation: *Getting Research Results to Those Who Can Use It*
- Infrastructure and Health Systems: *Enabling the Nation's Health Research Enterprise*





Our Mission

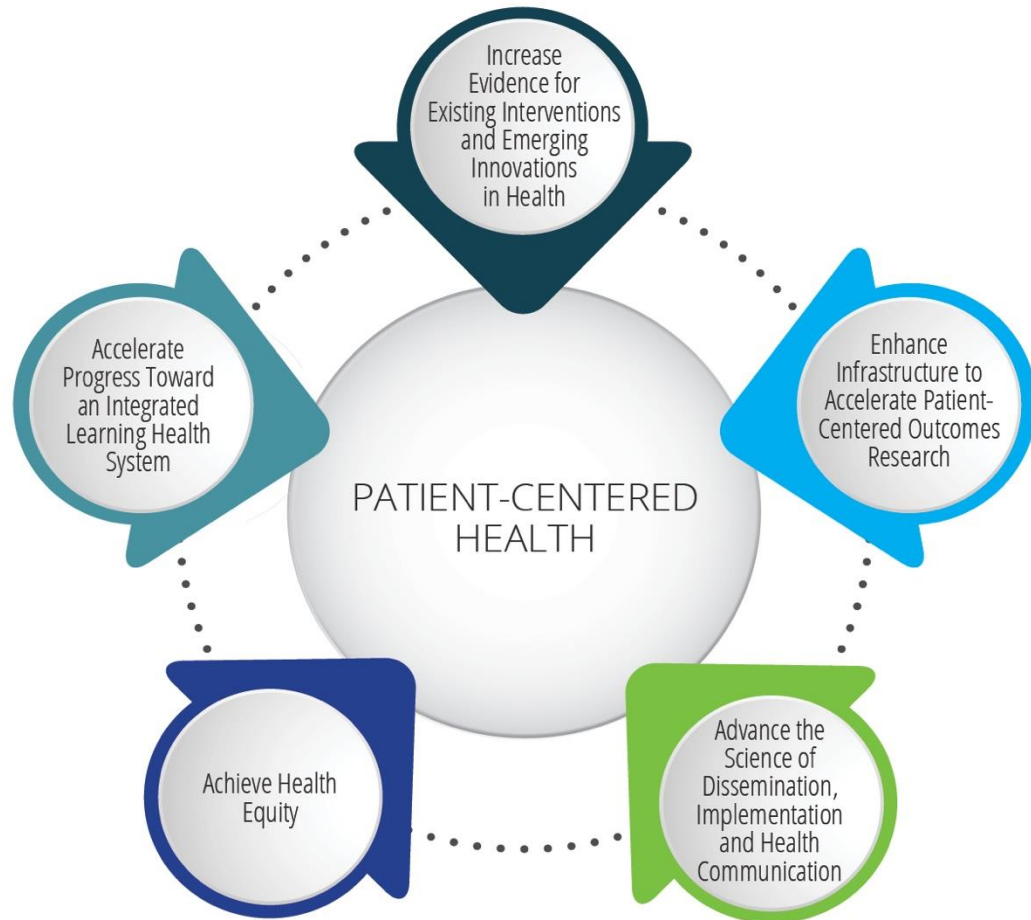
Help people make better-informed healthcare decisions, and improve healthcare delivery and outcomes, by producing and promoting high-integrity, evidence-based information that comes from research guided by patients, caregivers, and the broader healthcare community.

Comparative Clinical Effectiveness Research (CER)

- Generates and synthesizes evidence comparing benefits and harms of at least two different methods to prevent, diagnose, treat, and monitor a clinical condition or improve care delivery
- Measures benefits in real-world populations
- Describes results in subgroups of people
- Helps consumers, clinicians, purchasers, and policy makers make informed decisions that will improve care for individuals and populations
- Informs a specific clinical or policy decision



National Priorities for Health and Holistic Approach to Our Work



Research Project Agenda Topic Themes Guide

PCORI's Focused Funding

Research Project Agenda Topic Themes



Cancer



COVID-19



CV Health



IDD



Managing Pain



MMM



Mental & Behavioral Health



Metabolic & Endocrine



Rare Disease



Sensory Impairment & Disability



Sleep Health



Substance Use



Violence & Trauma

Population-Level Characteristics (e.g., Youth, Older Adults)

PCORI Funding Opportunities

Research and Research Related

Research

Focused Funding Opportunities:
Stakeholder-Driven Topics

Broad Pragmatic Studies:
*Funding by National Priority Area
Proposals up to \$5M;
Proposals up to \$12M*

Phased Clinical Trials:
*Large-scale, high-impact CER trials
Proposals up to \$22M*

Research Related

Research Infrastructure:
*PCORnet,
Learning Health Systems*

Engagement Projects:
*Capacity Building,
Dissemination, Stakeholder Convening*

D&I Projects:
*Limited Competition,
Shared Decision Making*



<https://www.pcori.org/funding-opportunities>

Fulfilling a Life's Purpose



**Motivated by
Disparities in
Neighborhood**

Bessemer,
Alabama



**Inspired to
Leadership in
Health**

Medical
School



**Defined
Patient-Centered
Health Care**

Residency and
Cardiovascular
Diseases
Fellowship



**Revealed
Pathways to
Leadership in
Health**

Commonwealth
Fund Fellowship
in Minority
Health Policy



**Focused on
National
Scale &
Management**

NHLBI Office
of the Director



**Passion and
Mission Align;
Destined to Be**

Patient-
Centered
Outcomes
Research
Institute

Passion and Mission Align at PCORI

PCORI's Mission and Vision ...

- **Aligned with my personal and professional vision**

To promote excellence in health and health care in a manner that is patient-centered and engages all parties to contribute to shared goals

- **Aligned with my passion**

Close to the front line of health care and patients, guiding research that fuels health impact and health policy decisions

- **Aligned with my personal values**

Commitment to patients and stakeholder communities



Cardiologist

Circulation

Researcher



ISSN 0009-7322
www.ahajournals.org/journal/circ



Health Policy Advocate



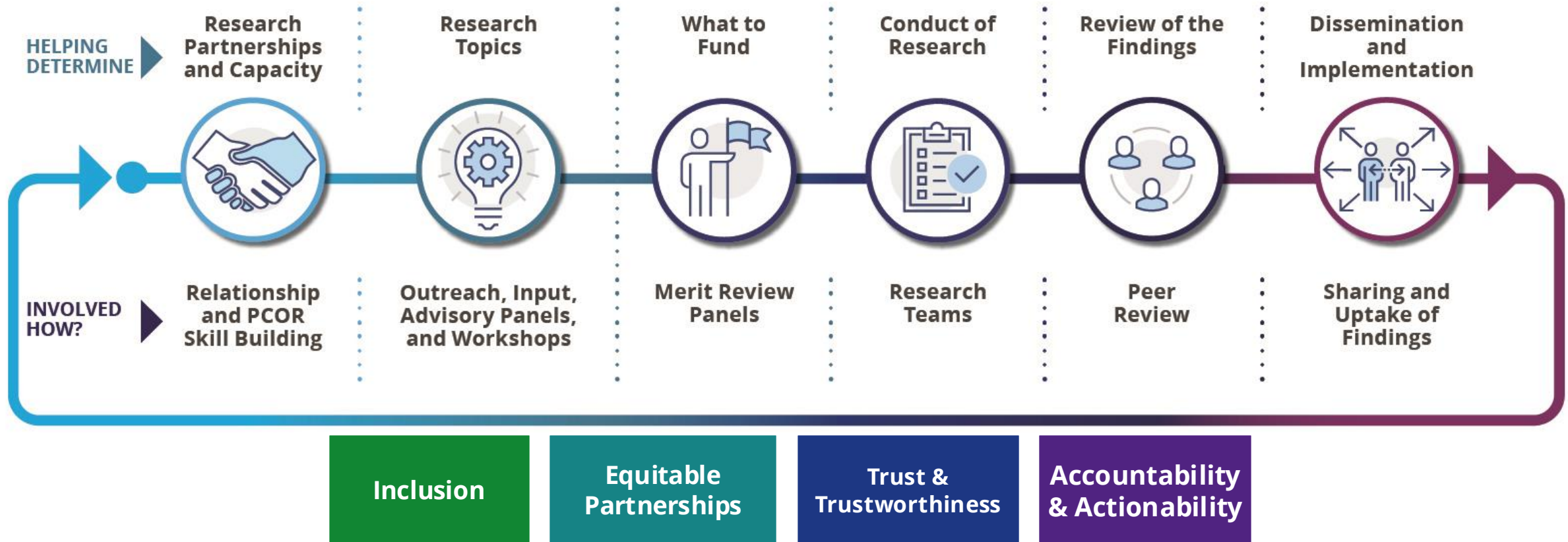
Organizational
Leader and Manager

Research Done Differently®

PCORI's Approach to Engagement at Every Step of the Process

Engagement in Research

PATIENTS AND OTHER STAKEHOLDERS ARE INVOLVED IN...



Moving Toward Health Equity

Engagement as a Tool and Lessons Learned

- ✓ Engagement facilitates recruitment and retention overall
- ✓ It is never too late to start engaging patients, communities, and stakeholders
- ✓ Trustworthiness and trust are essential for effective partnerships
- ✓ Trust may be one component of low recruitment or enrollment of underserved participants
- ✓ Underserved populations' unequal participation in clinical trials has multiple and complex root causes
- ✓ Meet underserved populations in their communities; utilize expertise of trusted community brokers

Foundational Expectations for Partnerships



Diversity &
Representation



Early & Ongoing
Engagement



Dedicated Funds for
Engagement &
Partner Compensation



Build Capacity to
Work as a Team



Meaningful Inclusion of
Partners in
Decision-Making



Ongoing Review &
Assessment of
Engagement

Overcoming Challenges in Community-Engaged Research

Tips for Building Effective Multi-Stakeholder Research Teams

Explore PCORI's Free Resources for:

- Establishing best practices
- Defining roles and responsibilities
- Making effective group decisions
- Planning for collaboration
- Sustaining engagement
- And More!

[PCORI.org/Research-Teams](https://www.pcori.org/Research-Teams)



Engagement Tool and Resource Repository

- Searchable peer-to-peer repository
- Explore 400+ engagement-related tools and resources developed and used by PCORI awardees
- Includes toolkits, case studies, engagement guides, training manuals, white papers, tip sheets and more



New to Patient-Centered Outcomes Research?

- Explore our Research Fundamentals
- Free, self-paced, online training
- Easy to understand modules
- Helps people better understand the healthcare research process and to learn how to get involved in PCORI!



www.pcori.org/engagement-resources



Partner Awards

- Multicomponent, multilevel interventions to address health conditions and social determinants of health to improve maternal health outcomes
- Community organizations are full partners with research organizations
- Four studies involve dozens of community partners, tens of thousands of study participants

Healthcare Delivery Interventions in PCORI-funded CER



The Hearing Norton Sound Study

Research In progress; Enrollment complete

Comparing Health-System-Based and Community-Based Dementia Care for Patients and Caregivers -- D-CARE: The Dementia Care Study



PATIENT-CENTERED OUTCOMES RESEARCH INSTITUTE
FINAL RESEARCH REPORT

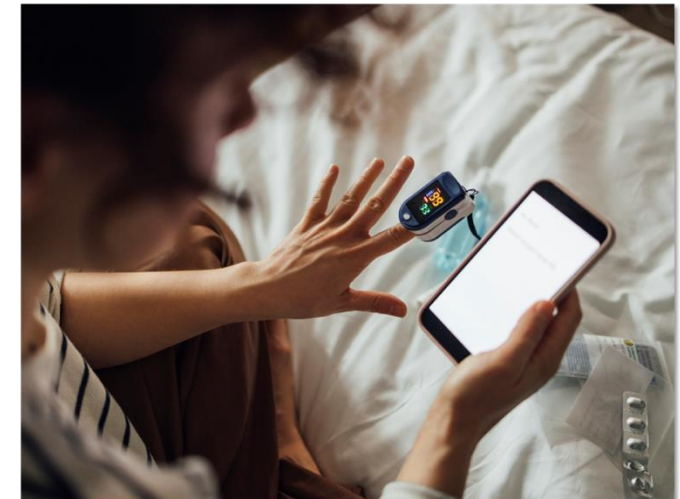
Matching Patients with Therapists to Improve Mental Health Care

Michael J. Constantino, PhD¹; James F. Boswell, PhD²; David R. Kraus, PhD³; Thomas Swales, PhD⁴



PATIENT-CENTERED OUTCOMES
FINAL RESEARCH REPORT

Does Daily Self-Monitoring of Blood Sugar Levels
Improve Blood Sugar Control and Quality of Life
for Patients with Type 2 Diabetes Who Do Not
Use Insulin? – The Monitor Trial

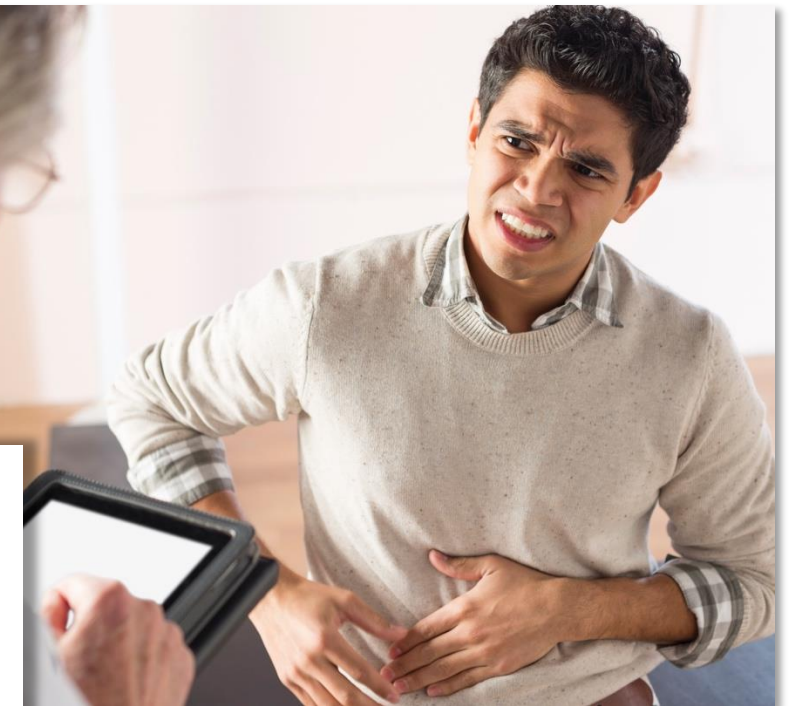
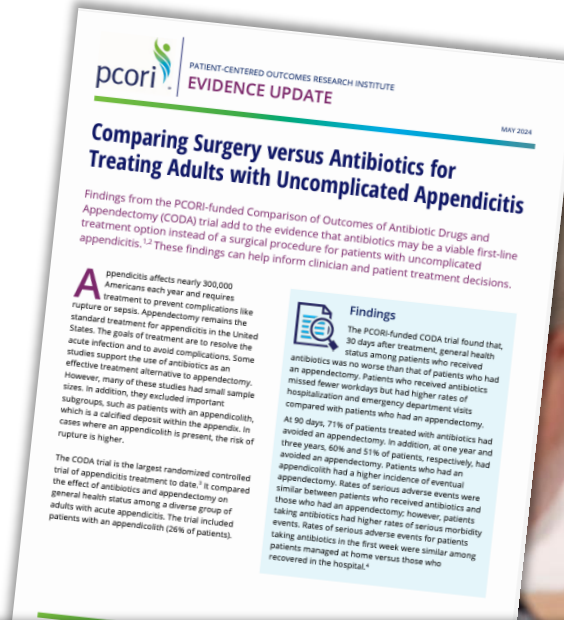


Comparing Ways to Monitor Patients with COVID-19 at Home

Dissemination & Implementation of Research Results

Implementation Project: Results from the CODA Study

- The CODA study found that antibiotics may be as effective as surgery for adult patients with uncomplicated appendicitis
- Implementation project is putting in place a shared-decision making program at 15 hospitals about the use of antibiotics and surgery for appendicitis



Long-Term Outcomes

After three months, about 7 out of every 10 patients who took antibiotics had avoided surgery.



After a year, about 6 out of every 10 patients who took antibiotics had avoided surgery.

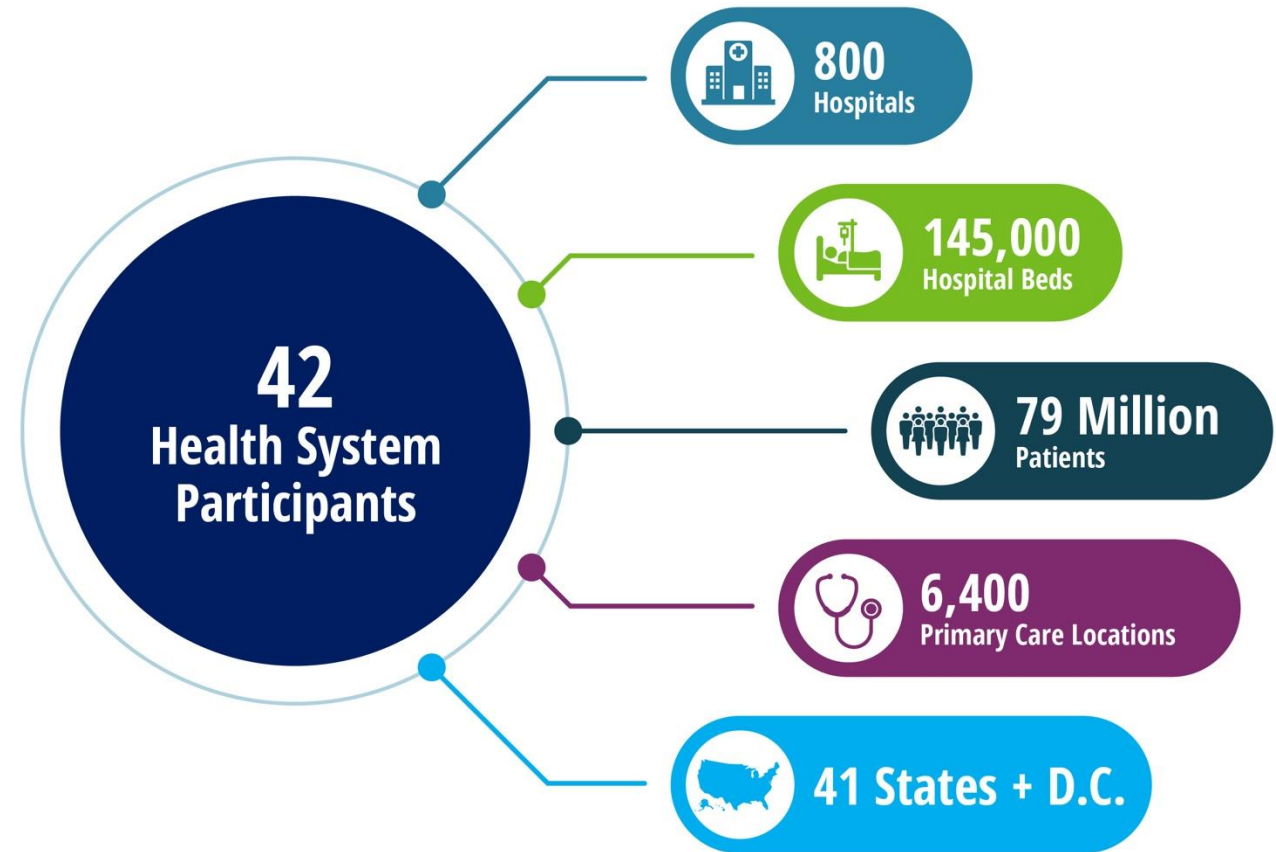


After three years, about 5 out of every 10 patients who took antibiotics had avoided surgery.



Health Systems Implementation Initiative

- Participating healthcare delivery systems lead implementation projects within their settings
- PCORI funding supports efforts to change practice and improve health care and outcomes based on specific PCORI-funded research findings



PCORnet®: A National Resource to Enhance Capacity for CER

**Access to Data on
a National Scale**



13,000+
Clinical Sites of Care

47M
Patient Encounters

40+
PCORnet® Studies



- The first pragmatic trial conducted using PCORnet
- Compared aspirin 81 mg and 325 mg daily to prevent cardiovascular events
- PCORnet provided access to EHRs of >15,000 eligible patients with history of atherosclerotic cardiovascular disease
- Patient leaders known as “Adaptors” ensured patient-centeredness



PCORnet Infrastructure & Research

- 70+ data coordinating centers support demographic comparability
- Common Data Model facilitates national scale
- Engagement supports patient partnership



LHS Workforce Development

- AHRQ-PCORI E-Star LHS Training Program (2023-2028)
- AHRQ-PCORI LHS K12 (2018-2023)



Health System Implementation Initiative (HSII)

- 42 Participating Health Systems Across the Country
- Implementation projects support uptake of PCORI-funded evidence into practice

Several Ways to Get Involved with PCORI

- Apply to serve on one of PCORI's five Advisory Panels
- Become a Merit Reviewer
- Become a PCORI Ambassador
- Become a Peer Reviewer
- Participate in PCORI Events



Thank You

QUESTIONS?

