The Patient-Centered Outcomes Research Institute

Lynn D. Disney, Ph.D., J.D., M.P.H.
Senior Program Officer, “Improving Healthcare Systems” program
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The Five Science Programs

- Clinical Effectiveness Research
- Improving Healthcare Systems
- Communication & Dissemination Research
- Addressing Disparities
- Methods and Infrastructure
PCORI’s Vision and Mission

Vision
To provide patients, caregivers and others have the information they need to make decisions that reflect their desired health outcomes.

Mission
The Patient-Centered Outcomes Research Institute (PCORI) funds patient-centered outcomes research that:
- Is guided by patients, caregivers and the broader health care community
- Produces high-integrity, evidence-based information that helps people make informed health care decisions, and
- Improves health care and health-related outcomes that patients care about.
Our Focus

Comparative Clinical Effectiveness Research

- Patient-centered
- Answering questions that matter to patients and other clinical decision makers
- Comparisons of outcomes that matter to patients
All PCORI funding announcements (PFAs) require:

- Engagement of patients and stakeholders as research partners
- Comparisons of alternative approaches to care
- Assessment of the potential for implementing results
- Adherence to the PCOR methods standards.
Engagement at PCORI

Patients and Stakeholders

**Tell Us What PCORI Should Study**
- What questions are most important? (research prioritization)
- What outcomes should be studied? (topic generation)

**Review Proposals and Partner in Research**
- Review research proposals for impact and patient-centeredness
- Participate in conducting research

**Tell Us How We Are Doing**
- How can we improve on what we are doing and how we are doing it?

**Help Us Share the Findings**
- How do we best communicate important research findings?
Certain treatments might affect outcomes differently in different populations.

Vulnerable populations include:

- Racial/ethnic minorities,
- Older persons,
- Children,
- Women,
- People with multiple chronic conditions,
- People with rare conditions,
- Low socioeconomic status,
- Rural or inner-city residence,
- People with low health literacy or ESL,
- LGBT,
- Disabled/differently abled populations.
Two paths to receiving funding

Broad announcements:
- Are investigator led projects
- Relatively short time period, generally less than 3 years
- Relatively small budgets $500,000 per year

Targeted announcements:
- Topics may arise from a variety of sources
- Topics are researched and refined by PCORI staff, often in conjunction with researchers, patients and stakeholders
- Funding amount and number of awards will vary
- Funding announcement is released
PCORI enters into *contracts* under which selected organizations perform specified health systems-related research and PCORI pays them an agreed amount.
How We Pick Targeted Research Questions to Study
First Targeted Funding Announcements

- Preventing Serious Injuries from Falls in the Elderly
- Treatment of Severe Asthma in African-American and Hispanics/Latinos
- Treatment Options for Uterine Fibroids
- Obesity Prevention and Treatment in Diverse Populations
- Treatment of Back Pain
Five Review Criteria for all Funding Announcements

- Impact of the condition on the health of individuals and populations
- Potential for the study to improve health care and outcomes
- Technical merit
- Patient-centeredness
- Patient and stakeholder engagement
PCORI’s Research Portfolio

- PCORI has approved 76 awards totaling $123 million through the first two cycles of our broad PCORI funding announcements (PFAs)

- PCORI will award more than $355 million in 2013 and upwards of $500 million in 2014

- The next round of Broad PFAs opened September 15, LOIs are due October 15 and applications are due December 16, link:

PCORI’s IHS program will:

• **Produce** new scientific evidence that will

• **Transform** the quality and efficiency of critical components of the U.S. healthcare system, and

• **Improve** health-related outcomes that matter most to people.
Goals

To discover new evidence:

• Which can be used by patients, families and healthcare system leaders

• To enhance patients’ access to care, engagement in self-care, care coordination, health, quality of life, and satisfaction with care.
What is a Healthcare System?

- Through the patient’s lens – all the providers of the care I receive, as well as my insurer
- Through the provider’s lens – all the providers with whom I interact, as well as the insurers
- Through the insurer’s lens – all the providers I pay to care for my insured lives.
- Through the economist’s lens – all the patients, providers and insurers in a geographic area.
IHS Portfolio: 32 Studies

- RCT of Navigators for Kids on Psych Drugs
- RCT of End-of-Life Care in Nursing Homes
- Comparison of IT Insurance Tools in CHCs
- RCT of Self-Management in Rural CMHCs
- Effects of “Community Liaison’s” on PCOs
- RCT of Transitional Care in an ACO
- Effects of Patient-Centered Oncology Care
- Comparison of Cancer Survivorship Care Models
- Comparison of Cancer Care for Low-Income Women
- RCT of a PCMH for ESRD
- Effects of Advance Planning for Home Services
- Effects of Obesity Treatment in Primary Care
- Comparison of Transition Models after Catastrophic Injury
- RCT of a Navigator Toolkit for Transitions out of Hospital
- RCT of Telehealth Services for Underserved Kids
- RCT of an Asthma Control Care Model for Kids
- Effects of a Web-Portal Tool on PCOs
- Effects of Collaborative CHCs on Access for Underserved
- RCT of Communication about End of Life Care
- The Impact of Burnout on Patient-Centered Care: A CER Trial of Mental Health
- Transitional Care for Individuals with Serious Mental Illness
- Increasing Health Care Choices and Improving Health Outcomes Among Persons with Serious Mental Illness
- A CER Trial of Optimal Patient-Centered Care for US Trauma Care Systems
- Family-Centered Tailoring of Pediatric Diabetes Self-Management Resources
- Computerized Protocol for Cancer Pain Control in Hospice
- Improving the Quality of Care for Pain and Depression in Persons with Multiple Sclerosis
- Improving Delivery of Patient-Centered Cardiac Rehabilitation
- Improving Childhood Obesity Outcomes
- Changing the Healthcare Delivery Model: A Community Health Worker/Mobile Chronic Care Team Strategy
- An Multilevel Study for Improving Patient-Centered Care Delivery Among COPD Patients
- Palliative Care Approach with HIV Treatment
- Building a Multidisciplinary Bridge Across the Quality Chasm in Thoracic Oncology
IHS Portfolio by Type of Intervention
IHS Portfolio by Condition

Number of Projects

- Accountable Care Organization
- Asthma
- Cardiac Rehab
- Communications
- COPD
- ESRD
- HIV/AIDS
- Home Care
- Hospital
- Multiple Sclerosis
- Nursing Homes
- Obesity
- Pediatric Diabetes
- Primary Care
- Underserved Kids
- Patient Centered Outcomes
- Trauma
- Community Health Clinics
- Mental Health
- Cancer
IHS Drivers Across the PCORI Portfolio

IHS has defined four drivers of healthcare change:

- **Personnel** – adding personnel or changing roles or responsibilities for existing personnel
- **Information Technology** – change in usage of IT care components such as Telehealth and EHRs
- **Incentives** – change in economic incentives such as modifications to provider reimbursement or consumer benefits like gym memberships
- **Special Programs** – organizational changes such as use of a new care model or communication method
  - Note: other drivers may constitute components of a special program
Personnel – adding personnel or changing roles or responsibilities for existing personnel; n = 11
IHS Drivers: Personnel & IT

Information Technology – change in usage of IT care components such as Telehealth and EHRs; n = 9
Incentives – change in economic incentives such as modifications to provider reimbursement or consumer benefits like gym memberships; n = 2
Special Programs – organizational changes such as use of a new care model or communication method; n = 10
Become a Reviewer of Funding Applications

- PCORI invites professional and lay people to become reviewers of research applications.
- Help us support research that will be both scientifically rigorous and patient-centered.
- Learn more and apply online: www.pcori.org/get-involved/reviewers/