Dashboard Review
Fourth Quarter of FY-2017

Joe Selby, MD, MPH
Executive Director
Board of Governors Dashboard  
Fourth Quarter FY-2017 (As of 9/30/2017)

**Funds Committed to Research**
- **Budgeted**: $428M for FY-2017
- **Actual**: $379M

**Draft Final Research Reports**
- **% of Draft Final Research Reports On Time**
  - Q1: 19/23, Q2: 27/29, Q3: 36/36, Q4: 29/32
- **Target**: > 90%

**PCORI Peer Review**
- **Completed as of Q4**: 12
- **Median time**: 9.2 months
- **Target**: > 90%

**Public Reporting of Research Findings**
- **% Abstracts Posted to PCORI.org in < 90 days**
  - Q1: 0, Q2: 0, Q3: 0, Q4: NA
- **Target**: 100%

**Project Performance**
- **Time to Complete Peer Review (Target: 4 months)**
- **Target**: > 90%
- **Completed as of Q4**: 12
- **Median time**: 9.2 months

**Budget**
- **Operating Budget and Research Awards**
  - **Budgeted**: $423M for FY-2017
  - **Actual**: $379M

**Results Published in Literature**
- **Number of Publications in Top 5% of Research Scored**
  - Q1: 5, Q2: 12, Q3: 9

**Altmetrics**
- **External- and Co-Funded Projects (Cumulative)**
  - Q1: 1, Q2: 2, Q3: 2, Q4: 3

**Narrative Examples**

**Goal 1: Increasing Information**
A PCORI-funded study comparing two programs to prevent falls among older adults found that a group-based standing-exercise program called On The Move is more effective than commonly used seated exercises.

**Goal 2: Speeding Uptake**
PCORI-funded results on self-monitoring of blood glucose have been taken up into practice via UpToDate®, a point-of-care, evidence-based medical resource software used by clinicians globally, and nearly 90% of major academic medical centers in the US.

**Goal 3: Influencing Research**
PCORI is credited with inspiring policy changes and capacity building efforts at the University of Arkansas for Medical Science (UAMS), including an IRB Dissemination policy on returning results to the community and participants.
Goal 1: Results of PCORI-Funded Research

Standing-exercise is more effective than seated exercise in improving mobility in older adults


Study title: On the Move: Optimizing Participation in Group Exercise to Prevent Walking Difficulty in At-Risk Older Adults

Exercise is beneficial to physical and mental health and may prevent walking difficulty and promote independence for community-dwelling older adults. Exercise programs offered to older adults are typically a seated range-of-motion exercises that do not involve walking.

This study compared the effectiveness of an exercise program (On the Move) that focuses on the timing and coordination of movement with usual care (a seated strength, endurance, and flexibility program). The study found that the On the Move program was more effective than the seated exercise program at improving function, disability, and walking ability of older adults.

• Principal Investigator: Jennifer S. Brach, PhD, University of Pittsburgh at Pittsburgh

Older adults who are interested in improving their mobility should consider participating in a group-based exercise program... Timing and coordination exercises are designed to be more challenging for participants, but they are important for walking and can improve mobility.

-Dr. Jennifer Brach, Study Investigator

Consumer.HealthDay.com article
Recent results from a PCORI-funded study on self-monitoring of blood glucose (SMBG) have been taken up in UpToDate®, a point-of-care, evidence-based medical resource software used by more than 1.3 million clinicians in 187 countries, including nearly 90% of major academic medical centers in the United States¹.

- Topic page titled: **Self-monitoring of blood glucose in management of adults with diabetes mellitus**, updated Oct 31, 2017²
  - PI: Katrina Donahue, MD, MPH, University of North Carolina at Chapel Hill

At least 4 CER results publications from PCORI-funded studies have now been taken up in UpToDate®

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²McCulloch, DK. Self-monitoring of blood glucose in management of adults with diabetes mellitus. In: UpToDate®, Hirsch, IB (ed), UpToDate®, Waltham, MA, 2017
Goal 3: Influencing Research Example: Establishment of Policies and Programs to Promote PCOR

A PCORI-funded project (PI: Peter Kohler, MD, University of Arkansas for Medical Sciences) has inspired *policy changes and capacity building efforts* at the University of Arkansas for Medical Science (UAMS)

**Policy changes:**
- **Hiring policy:** Redefining the classification and necessary qualifications for research coordinators, interpreters, and community health workers representing the communities of research focus
- **IRB Dissemination policy** on returning results to the community and study participants (implementation in progress)

**Capacity building:**
- Implementation of a *training on the responsible conduct of research* for non-academic research partners
- Bolstered services offered through **Community Engagement** component of the UAMS Translational Research Institute to mentor ~25 UAMS researchers

[Peter Kohler, MD & Pearl McElfish, Ph.D; July 2017]
$1.95B Committed to Research through FY-2017

Cumulative Funds Committed to Research and Research Infrastructure

- $333M End FY-14
- $683M End FY-15
- $1.2B End FY-16
- $1.6B Budgeted End FY-17
- $1.95B End FY-17
- $2.39B Budgeted End FY-18
Research and Research Infrastructure Commitments by National Priority as of 9/30/2017

- Assessment of Prevention, Diagnosis, and Treatment Options, $672M, 34%
- Improving Healthcare Systems, $451M, 23%
- Communication and Dissemination Research, $109M, 6%
- Addressing Disparities, $235M, 12%
- Accelerating Patient-Centered Research and Methodological Research, $480M, 25%
- Subset: PCORnet Infrastructure and Workforce Training, $355M, 18%
- Subset: Methods Research, $125M, 6%

Cumulative Research & Research Infrastructure Funding Commitments by National Priority for Research as of FY-2017

$1.948B
We are making progress on our Strategic Priority to “Increase the proportion of research funding going to focused and targeted topics”

Cumulative Funds Committed to Research by Fiscal Year

- **Broad**
- **Targeted**
- **Pragmatic**
- % of Funding to Focused/Targeted Research

### Cumulative Funds Committed to Research as of FY-2017:
- **$50** (17%)
- **$108** (20%)
- **$179** (40%)
- **$258** (46%)
- **$332** (52%)

### Cumulative Funds Committed to Research by Fiscal Year:
- Cumulative as of FY-2013
- Cumulative as of FY-2014
- Cumulative as of FY-2015
- Cumulative as of FY-2016
- Cumulative as of FY-2017
Status of PCORI-Funded Research Projects

N=496, as of Q4-17

“Active” refers to the PCORI contract period, which includes both the research period and PCORI Peer Review

*Does not include Pilots, Infrastructure, or D&I awards
*Does not include studies awarded in Q1-2018
*This slide includes a correction identified during the original presentation
We are monitoring trends and shifts in project status

Project Status by Color Zones
Q3-15 to Q4-17

- **Green Zone**
- **Yellow Zone**
- **Off Track** (Orange/Red)
- **Award Terminated***

*Notice of Termination Issued, <1% in each quarter
Draft Final Research Reports Submitted
Trends Over Time

This figure shows that many DFRRs due in early 2018 have already been turned in.
PCORI Peer Review Process and Public Release of Findings

Studies in PCORI Peer Review Process or Completed PCORI Peer Review
N=135, as of Q4-17

- 23 studies In Process: Pre-Review Edits Underway
- 33 studies In Process: Undergoing PCORI Peer Review
- 67 studies In Process: Final edits underway
- 9 studies PCORI Peer Review Complete; Summaries being developed
- 3 results Results Posted; PCORI Peer-Reviewed results posted to PCORI.org

We expect 40-50 studies to be completed by end of Q1-18 (Dec 31st)

*Does not include Pilots, Infrastructure, or D&I awards*
Journal Publications by Year

Journal Publications Related to PCORI and PCORI-funded Projects

- All Articles Resulting from PCORI-funded Projects
- CER Results Publications from PCORI-funded Projects
- Articles by or about PCORI
- Articles that Cite or Mention PCORI Work

Year: 2014 2015 2016 2017

- All Articles Resulting from PCORI-funded Projects: 53, 203, 210, 300
- CER Results Publications from PCORI-funded Projects: 1, 14, 16, 34
- Articles by or about PCORI: 29, 45, 47, 41
- Articles that Cite or Mention PCORI Work: 46, 124, 176, 145
Board of Governors Dashboard
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**Funds Committed to Research**
- Includes funds committed to PCORnet
- **Budgeted**: $428M for FY-2017
- **Actual**
  - Q1: 23, Q2: 32, Q3: 29, Q4: 36
- Total FY-17: $379M

**Project Performance**
- **Target**: > 90%
- Q1: 21, Q2: 33, Q3: 30
- Median time: 9.2 months

**Budget**
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