Focus for Today: Our Dashboard

Our Dashboard (together with slides that provide greater detail) is our primary mechanism for reporting on our progress to our Board – we are:

- Striving to make it as substantive as possible
- Refining and improving our metrics and targets
- Working to provide context and benchmarks for our results
### Framing A Logic Model:
*A program planning, implementation, evaluation, and communication tool*

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<thead>
<tr>
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<tbody>
<tr>
<td>Congressional Oversight and Evaluation</td>
<td>Yearly GAO Financial Audits</td>
<td>First GAO 5-year Review</td>
<td>GAO 8-year Review</td>
<td>Second GAO 5-year Review</td>
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*Congressional inquiries may occur at any time*

<table>
<thead>
<tr>
<th>PCORI Emphasis or Theme</th>
<th>Building</th>
<th>Implementing</th>
<th>Implementing</th>
<th>Results</th>
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<tbody>
<tr>
<td></td>
<td>Implementing</td>
<td>Results</td>
<td>Results</td>
<td>Impact</td>
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<table>
<thead>
<tr>
<th>Primary Evaluation Metrics</th>
<th>Inputs</th>
<th>Process</th>
<th>Outputs</th>
<th>Outcomes</th>
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<td>Impact</td>
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<thead>
<tr>
<th>Key Words from GAO Review Mandate in Our Legislation</th>
<th>Processes established</th>
<th>Research priorities and projects</th>
<th>Objective and credible information</th>
<th>Transparent process</th>
<th>Dissemination and training activities</th>
<th>Data networks</th>
<th>Overall effectiveness of activities</th>
<th>Use by health care decision-makers</th>
<th>Reducing practice variation and disparities</th>
<th>Effect on innovation and health economy</th>
<th>Use by public and private payers</th>
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### Our Strategic Framework/High-level Logic Model

**STRATEGIC IMPERATIVES**

<table>
<thead>
<tr>
<th>How We Create</th>
<th>What We Create</th>
<th>GOALS</th>
<th>IMPACT</th>
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<tbody>
<tr>
<td>Engagement</td>
<td>Skilled Patient-Centered Outcomes Research Community</td>
<td>What We Accomplish</td>
<td>Why We Do It</td>
</tr>
<tr>
<td>Methods</td>
<td>Patient-Centered Outcomes Research Methods</td>
<td></td>
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<tr>
<td>Research</td>
<td>Portfolio of Patient-Centered Outcomes Research Studies</td>
<td></td>
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<tr>
<td>Dissemination</td>
<td>Communication and Dissemination Activities</td>
<td></td>
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<tr>
<td>Infrastructure</td>
<td>Patient-Centered Research Networks</td>
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</tbody>
</table>

**Outputs**

- Skilled Patient-Centered Outcomes Research Community
- Patient-Centered Outcomes Research Methods
- Portfolio of Patient-Centered Outcomes Research Studies
- Communication and Dissemination Activities
- Patient-Centered Research Networks

**Goals**

- Increase Information
- Speed Implementation
- Influence Research

**Impact**

- Better Informed Health Decisions
- Better Health Care
- Improved Health Outcomes

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Our Evaluation Framework Includes Three Kinds of Questions

1. What are we doing?
   Are we doing it efficiently and effectively?
   Are we on track?

2. Are we accomplishing our goals?
   Producing useful information?
   Speeding its uptake?
   Influencing research?

3. How do the various components of PCORI’s approach contribute to reaching its goals and achieving its mission?
Ideal Metrics: Meaningful AND Measurable

Finding the Sweet Spot (Not Easy)
Our Dashboard is Evolving

As we have progressed from our building phase to our implementation phase, our Dashboard has evolved

- from reflecting largely one-time, start-up activities (develop, establish, launch)
- to showing outputs from ongoing processes (counts) that represent progress toward our goals

Eventually, it will reflect accomplishment of our goals

- More useful information
- Speedier uptake and use
- More patient-centered research
Discussion Questions

- Does our Dashboard give you a good sense of our progress and performance? Is anything missing?
- Is our Dashboard reflecting the most important metrics that it can at this point in time? Can you suggest others?
- Can the metrics be improved? How?
- Are our targets reasonable – ambitious but achievable?
- Do you agree with our interpretation of results?
Our CY 2013 Priority Activities

Establish Advisory Panels to Guide Topic Selection
- Establish 7 Panels
  ✓ Assessing Options
  ✓ Improving Systems
  ✓ Addressing Disparities
  ✓ Patient Engagement

Panels to Be Formed and Active Q2 of FY 2014
- Charters Approved; Board to Vote on Slates 2/25/14
  X Rare Disease
  X Clinical Trials

Panel to Be Formed and Active Q3 of FY 2014
- Charter in Development
  X Communication & Dissemination

Employ Them to Identify High Priority Topics
- Establish Programs to Build Capacity for PCOR
  ✓ Pipeline to Proposal Pilot
  ✓ Patient-Researcher Matching Challenge Awarded

Launch Engagement Awards
- Severe Asthma
- Falls w/ NIH
  1st Awards in March 2014

Topics in Development
- Back Pain
- Obesity
- DCIS
- Bipolar Disorder
- Cardiovascular
- Perinatal
- Arthritis
- Migraine
- Transitions
- Care
- Management

Fund Research through Broad PFAs
- Applications
- Awards
- Resubmissions

Launch Patient-Centered Research Network
- Coordinating Center
  ✓ Harvard/Pilgrim
  Awarded 12/17/13
- PPRNs
  18 Funded
- CDRNs
  11 Funded

Develop Evaluation Framework & Baselines
- Framework – for Q2 FY 2014
- Baselines – in development
- PCORI Evaluation Group – launched 12/13/13

Surveys – AIR developing core items and researcher survey; Surveys underway include LOI submitters, applicants, merit reviewers, event attendees

Develop Dissemination Plan & Infrastructure w/ AHRQ
- Plan – to be developed w/ contractor – finalists identified
- Due date now Q4 FY 2014

Funds Committed for External Research
- 2013 CYTD (Target=$355-425M)
  281 Projects
  $516M Funds
- 206 Projects
  $444M Funds

Our Goals:
- Increase Information
- Speed Implementation
- Influence Research

Communications & Operations (% of Target or Reference)
- Unique Web Visitors (Same Q year-ago)
- Email Click-thru Rate (Industry Standard)
- Journal Citations (number, no target)
- Media Mentions (Same Q year-ago)

Operations
- Award to Contract Time (w/in 90 cal. days)
- Contracts Response Time (w/in 2 bus. days)
- Science Response Time (w/in 3 bus. days)

Board of Governors CY2013 Dashboard (As of December 31, 2013)

Legend
- On Track
- Off Track
- Needs Attention
Our Vision: Patients and the public have information they can use to make decisions that reflect their desired health outcomes.

Our Goals: Increase Information, Speed Implementation, and Influence Research

**Broad Awards Summary**
- Apps % of LOIs
- Awards % of Apps
- Resubs % of Apps
- Resubs % of Awards

**Funded Research Portfolio**
- Px
- Dx
- Tx
- Screening
- Other

**Methodology Standards Dissemination & Implementation**
- Metric
- Application Adherence (%)
- Downloads from Web (#)
- Citations (#)
- Endorsements (#)
- Adoption by Others (#)

**Pipeline to Proposal Awards**
- Cycle I
- Cycle II
- Cycle III
- All

**Progress of Projects**
- Q1
- Q2
- Q3
- Q4

**2014 Research Funding Commitment**
- $528M

**Communications & Ops (% of Target or Reference)**
- Unique Web Visitors (Same Q year-ago)
- Email Click-thru Rate (Industry Standard)
- Journal Articles (number, no target)
- Media Mentions (Same Q year-ago)

**Operations**
- Award to Contract Time (w/in 90 cal. days)
- Contracts Response Time (w/in 2 bus. days)
- Science Response Time (w/in 3 bus. days)

**Funds Committed for External Research**
- Targeted
- Broad
- PCORnet
- Pilots

**Ambassadors Fully Trained**
- 100%

**Completion of Phase I of PCORnet**
- 1/3

**2014 Staffing Plan – Number of People**
- 165

**2014 Expenditures – $M**
- $183M
Increase Information
LOIs, Applications, and Awards

Letters of Intent
Applications
Awards
Applications that were Resubmissions
Awards that were Resubmissions

Funding Cycle

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Increase Information
Composition of Current Portfolio

N = 169
(Cycles I-III and August 2013, not including Methods)

Projects included in “Other” overlap 2 or more categories
Increase Information

Comparison of Funding Level Announced with Funding Level Awarded

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Increase Information
Projects Meeting Milestones

Percent Meeting Milestones

Research Awards
Pipeline to Proposal
PPRNs
CDRNs

Coming soon (when due)…

Q1
Q2
Q3
Q4
Influence Research
Adherence to PCORI Methodology Standards

- The August 2013 Cycle, awarded in December of 2013 (N=53), was the first for which adherence to our Methodology Standards was required.
- For four sets of standards, most or all of the standards were applicable to most or all of the studies at the time of application.
- On average, these four sets of standards were adhered to by 74% of the applications.

<table>
<thead>
<tr>
<th>Set of Standards</th>
<th>Average Percent of Applications Adhering to the Standards in the Set</th>
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<tbody>
<tr>
<td>Formulating Research Questions</td>
<td>93%</td>
</tr>
<tr>
<td>Patient-Centeredness</td>
<td>91%</td>
</tr>
<tr>
<td>Data Integrity and Rigorous Analyses</td>
<td>72%</td>
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<tr>
<td>Heterogeneity of Treatment Effect</td>
<td>41%</td>
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Influence Research
Pipeline to Proposal Awards – Q2 Snapshot

Tier 1
30 Awards

Tier 2
0
Of those, 0 came from Tier 1

Tier 3
0
Of those, 0 came from Tier 2

Research Proposals
None expected to flow from pipeline in FY 2014

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Influence Research
Engagement Event Survey Details

Since attending the PCORI Workshop, have you done anything new to conduct, promote, or use patient-centered research?

Among other things, this might include joining research teams that include researchers and patients, finding ways to incorporate patient input into your research, contacting local media outlets about patient-centered research, using patient-centered research to inform your clinical practice, or simply explaining to others what patient-centered research is and how it can benefit patients.

<table>
<thead>
<tr>
<th>Event</th>
<th>Response Rate</th>
<th>Responded YES to Summary Question</th>
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<tbody>
<tr>
<td>October 2012 Engagement Workshop</td>
<td>49%</td>
<td>91%</td>
</tr>
<tr>
<td>December 2012 Engagement Workshop</td>
<td>39%</td>
<td>83%</td>
</tr>
<tr>
<td>Wichita Regional Workshop, 2013</td>
<td>39%</td>
<td>92%</td>
</tr>
<tr>
<td>Memphis Regional Workshop, 2013</td>
<td>40%</td>
<td>79%</td>
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Surveys of workshop participants are conducted six months following a workshop to capture new activities in conducting, promoting, or using patient-centered research and new contributions to a proposal for PCORI research funding and are live in the field for 3 weeks.
Influence Research
Engagement Event Survey Results

Since attending the PCORI Workshop, in which of the following ways have you contributed to a proposal for PCORI research funding?

- Acted as a patient or stakeholder partner on a research team
- Acted as a primary or co-investigator on a research team

October 2012: 19% (blue), 21% (teal)
December 2012: 12% (blue), 24% (teal)
Wichita 2013: 16% (blue), 28% (teal)
Memphis 2013: 12% (blue), 26% (teal)
Influence Research Communications

**Website**

Our Q2 website unique visitors has surpassed previous quarters and beat our target.

**Website Unique Traffic**

Because our early Twitter stats were low, year-to-year comparisons against targets aren’t useful. We’re tracking follower growth and impressions and working on a more sophisticated reach analysis.

**Monthly Unique Traffic**

**E-mail**

We continue to exceed industry standards for open and click-through rates by a wide margin.

**Email Open Rate**

**Email Click-Thru Rate**

**Media Coverage & Journal Articles**

We continue to grow the number of mentions of our work in general/trade media and journal articles,

**Media Coverage**

<table>
<thead>
<tr>
<th>Media</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
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<tbody>
<tr>
<td>Q1</td>
<td>-</td>
<td>45</td>
<td>150</td>
</tr>
<tr>
<td>Q2</td>
<td>47</td>
<td>48</td>
<td>212</td>
</tr>
<tr>
<td>Q3</td>
<td>46</td>
<td>89</td>
<td>-</td>
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**Journal Articles**

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<thead>
<tr>
<th></th>
<th>2013</th>
<th>2014</th>
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<tbody>
<tr>
<td>Q1</td>
<td>-</td>
<td>12</td>
</tr>
<tr>
<td>Q2</td>
<td>8</td>
<td>10</td>
</tr>
<tr>
<td>Q3</td>
<td>12</td>
<td>-</td>
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Note: Media mentions and journal articles tallied here include pieces about PCORI’s work by staff, Board and Methodology Committee members, or PCORI-funded PIs, as well as articles by others that mention our work prominently.

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Operational Excellence

Time from Award to Contract Execution

- Target = 90 Days
- Included in the 82 awards we made from the last cycle were 29 for new initiatives – the CDRNS and PPRNs.
- Despite the complexities in negotiating these novel contracts, we executed 41% of them within 90 days. To date, all but one which is pending signature have been executed.
- Once we started working on the other awards – 8 from the Targeted Asthma PFA and 45 from the Broad PFA – we executed 70% of them within 90 days.
Operational Excellence

Science Response Time

Target: within 3 Business Days

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<th>Fiscal Quarter</th>
<th>Percent within Target</th>
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<tr>
<td>Q4 2013</td>
<td>54%</td>
</tr>
<tr>
<td>Q1 2014</td>
<td>63%</td>
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<tr>
<td>Q2 2014</td>
<td>81%</td>
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