Understanding PCORI HSII Grant
Stanford Medicine Center for Improvement Seminar Series
July 25, 2023

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PCORI HSII

- Health Systems Implementation Initiative (HSII)
- New multi-year initiative
- Goal is to advance the uptake of clinical effectiveness research into practice
- 42 health systems selected March 2023
- Healthcare systems eligible for funding to implement specific PCORI-funded evidence into practice
- Anticipate first RFA in Fall 2023
10 potential topics

Topics presented at the June Learning Network Meeting (You can download the recording from Box):

1. Shared Decision-Making for Early-Stage Prostate Cancer
2. IMPaCT Community Health Worker Program
3. Intensive Lifestyle Obesity Treatment in Primary Care Settings
4. Patient and Family Centered I-PASS Rounding Program to Improve Pediatric Patient Safety
5. Risk Prediction for Diabetes

Additional topics for consideration:
6. Promoting Effective Use of Narrow Versus Broad Spectrum Antibiotics
7. Non-Surgical Treatment Options for Urinary Incontinence
8. Telehealth Approaches for Treating Complex Psychiatric Disorders in Primary Care
9. Improving Pain Management for Patients Experiencing Sickle Cell Crises
10. Helping Heavy Smokers Make Decisions About Lung Cancer Screening
HSII Capacity Building Project
Capacity Building Project

• Support timely response to RFAs and implementation efforts

• **Goal 1:** Establish *infrastructure* to enable seamless coordination, collaboration, and oversight of activities
  • SMCI will serve as the home

• **Goal 2:** Develop a *toolkit of implementation and evaluation tools* that can be used by teams across Stanford Medicine
  • Currently many improvement programs across all entities
  • ESU leading 5 step plan
Capacity Building Project

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Goal #1

- To provide cross-cutting administrative and programmatic support across the 3 entities, which in turn will enhance our ability to respond to future HSII Implementation
  - Establish the Stanford Medicine HSII Executive Management Team (EMT) to streamline participation in HSII, support HSII engagement and participation, develop key processes necessary to support inter-entity collaboration for awarded projects
  - Establish a Stanford Medicine HSII Steering Committee (SC) to review and determine operational support for specific HSII opportunities (COO, CMIO/CIO, CNO, CMO, CFO, Senior Assoc Dean for Research, OGC, RMG, OSR)
  - Leverage existing SMCI infrastructure: (1) HSII Capability Development Workgroup; (2) HSII Evaluation Workgroup to support future HSII Projects; (3) Communications
  - Establish and convene the Stanford Medicine HSII Advisory Board
Capacity Building Project

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  • Currently many improvement programs across all entities
  • ESU leading 5 step plan
Meet the ESU Team

Informing delivery of high quality, coordinated, patient/family-centered care through embedded health care delivery research.

Qualitative Scientists
- Laura Holdsworth, PhD
- Cati Brown Johnson, PhD
- Sonia Harris, MPH
- Rachel Siden, MA
- Heather Mui, MPH
- Anna Sophia Lessios, MPH
- Cassie Bragdon, MA
- Mae Verano, MSW

Clinicians
- Steven Asch, MD MPH
- Jonathan Shaw, MD MS
- Stacie Vilendrer, MD MBA

Quantitative Scientists
- Marcy Winget, PhD
- Samantha Kling, PhD
- Donn Garvert, MS
- Darlene Veruttipong, MPH
- Winnie Wu, MPH

Operations Manager
- Anna Sophia Lessios, MPH

Research Admin
- Robert Kato, BA
Toolkit Timeline

**June 2023**
Notification of Capacity Building Award

**July-September 2023**
Step 1: Inventory of existing tools

**September-December 2023**
Step 2: Listening Tour

**January-March 2024**
Step 3: Summarize listening tour and build toolkit

**June 2024**
Step 4: Design online toolkit hosted on SMCI website

**November 2024**
Step 5: Launch toolkit on SMCI website
Inventory toolkit examples

Improvement Videos Organized by Project Stage
Improvement Team Website

Improvement Videos

These videos have been provided to serve any type of learner who is looking to understand and apply fundamentals of improvement science. Each video includes both case studies and testimonials from clinical and operational experts who have applied the methods and seen their impact. The videos can be used for watching, training sessions, and to support project meetings or just for on-demand learning. The videos are also expanding to help project teams go through evidence-based, step-by-step improvement methods. Videos should be viewed in the order presented or as YouTube playlists.

Defining Problems

- Identify key drivers
- Writing a Problem Statement
- Identifying Root Causes
- Prioritizing the Vital Few
- Current State Analysis

Creating Solutions

- Developing Key Drivers
- Testing Changes
- Creatively and Routinely Standardizing
- Making Changes More Reliable
- Explaining the Changes

Planning Through an Implementation Science Lens
Stanford Children’s Health

- Build Teams
- Clarify the objectives of stakeholder engagement
- Create statements to identify gaps and opportunities and build ownership of efforts
- Consider how input from stakeholders can be prioritized systematically to ensure objectives from input from stakeholders can be evaluated, analyzed, and used
- Expand Systemic Model
- Observe Formal contributions

| FULL RESOURCES: | Powell et al. (2015) p.108, Table 2, p.102 (Table 2) Powell et al. (2015) p.123 Table 2 |

Quality Improvement Planning Tool
Stanford Evaluation Sciences Unit

Table 1: Quality Improvement Planning Tool

<table>
<thead>
<tr>
<th>WHAT?</th>
<th>HOW?</th>
<th>WHY?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identify goals and objectives</td>
<td>Identify strengths, weaknesses, and opportunities within your organization</td>
<td>Improve patient outcomes and patient experience</td>
</tr>
<tr>
<td>Develop strategies and tactics to achieve goals</td>
<td>Develop a plan to achieve outcomes</td>
<td>Improve patient outcomes and patient experience</td>
</tr>
<tr>
<td>Monitor and evaluate outcomes</td>
<td>Monitor and evaluate outcomes</td>
<td>Improve patient outcomes and patient experience</td>
</tr>
</tbody>
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INVENTORY TOOLKIT EXAMPLES

- Stanford Children’s Health
- Improvement Videos Organized by Project Stage
- Improvement Team Website
- Planning Through an Implementation Science Lens
- Quality Improvement Planning Tool
- Stanford Evaluation Sciences Unit
PROGRESS: Capacity Building Goal 2
## Connecting with colleagues across Stanford Medicine

### QI Programs

<table>
<thead>
<tr>
<th>Quality Improvement Leadership Training (QuILT)</th>
<th>Realizing Improvement through Team Empowerment (RITE)</th>
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<tbody>
<tr>
<td>Tri-Valley RITE</td>
<td>Stanford Medicine Improvement Team</td>
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<tr>
<td>Improvement Capability Development Program (ICDP)</td>
<td>Nurse Residency Program and Evidence-based Care Nursing Fellowship</td>
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<tr>
<td>Advanced Course in Improvement Science (ACIS)</td>
<td>The Cost Savings Reinvestment Program (CSRP)</td>
</tr>
<tr>
<td>Improvement Science Professional Certification (LEAN Six Sigma Black Belt)</td>
<td>Stanford Community of Improvement Professionals (SCIP)</td>
</tr>
<tr>
<td>Clinical Effectiveness Leadership Training (CELT)</td>
<td>QI Peer Scholarly Community – Dept. of Peds</td>
</tr>
<tr>
<td>Packard Quality Management System (PQMS) Foundations</td>
<td>A3 SMCH</td>
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**Your QI Program or Team!**
(email Sonia at soniarh@stanford.edu)
Inventorying shared tools

• Met with 15 QI programs to date, 3 more scheduled

• Type of Materials Shared:
  • Syllabi & curriculum
  • Exemplar projects
  • Tools & templates
  • Instructional videos
  • Session recordings
  • Reading material (books, manuscripts)

• Creating a framework to depict improvement and implementation process and organize the tools
Your involvement

Now: Meet with us!
Collect tools
Input into database
Sort into framework
Summary for Listening Tour
Fall 2023: Listening Tour

Please connect with us by emailing Sonia Harris at soniarh@stanford.edu
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