Partnership for Research and Innovation in the Health System (PRIHS) 5
2019/2020

Sean Dewitt, Program Manager, Health, Alberta Innovates
PRIHS supports research and innovation activities that will contribute to achieving a sustainable health system in Alberta.
PRIHS 2014-2018

Between 2014 and 2018 PRIHS funding has supported health research and innovation projects within the majority of Strategic Clinical Networks™ (SCNs).

<table>
<thead>
<tr>
<th></th>
<th>PRIHS-1 2014</th>
<th>PRIHS-2 2015</th>
<th>PRIHS-3 2016</th>
<th>PRIHS-4 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Application</td>
<td>16</td>
<td>17</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>Funded</td>
<td>10</td>
<td>10</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Total Funding Allocated (AHS/AI)</td>
<td>$7.5M</td>
<td>$7.5M</td>
<td>$4.8M</td>
<td>$7.2M</td>
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In addition to AI/AHS funding, approximately $5M in additional funds has been allocated to PRIHS projects from external partners.
Strategic Clinical Networks™ (SCNs) are focused on creating improvements around specific health care topics and within areas where care is delivered.

Current SCNs include:

- Addiction and Mental Health
- Bone and Joint Health
- Cancer
- Cardiovascular Health & Stroke
- Critical Care
- Digestive Health
- Diabetes, Obesity & Nutrition
- Emergency
- Kidney Health
- Maternal Newborn Child & Youth
- Neurosciences, Rehabilitation & Vision
- Population Public & Indigenous Health
- Primary Health Care Integration Network
- Respiratory Health
- Seniors Health
- Surgery
Innovation Pipeline

1. Identifying Care Gaps
   Process founded in co-prioritization

2. Research Innovation Evaluation QI

3. Implementation “test” in AB proven or provisioning & evidence generation

4. Implementation work-to-scale

5. Implemented and sustained in care

Network Participants:
- Public, patients, family
- Industry
- Policy makers, government
- Researchers/trainees/academic institutions
- Health care leaders, administrators
  - Non-profits
  - Community
- Physicians
- Front-line staff

Activity

- Evaluation recs
- Quality Grants (AHS)
- Seed funding (AHS SCNs)
- Health Evidence Review
- Others?

- PHSI (CIHR)
- PRIHS (AI/AHS)
- Project (CIHR)
- ICT (CIHR)
- Others?

- QSO (AHS)
- HIIS (AH/AHS)
- Quality Grants (AHS)
- Other

- AHS (Annualized funding through BELT)

Operationalize to scale
Operationalize at scale
Upward
downward
To treat/implement/scale
PRIHS 5 Collaboration for Change

Collaborations between Alberta’s academic institutions, SCNs, and operational leaders in AHS are meant to:

– translate research evidence into solutions that address specific health system challenges in Alberta as articulated by the SCNs; and

– build capacity to identify, test, and advance solutions with the greatest potential to contribute to the health and well-being of Albertans and the sustainability of Alberta’s health system
The Significance of SCNs in PRIHS

- **Networks** of patients and family advisories, academic partners, clinicians, operational leaders, and other stakeholders who are knowledgeable about specific areas of health and dedicated to improving health care quality, health outcomes and value for Albertans.

- Serve as **enduring structures for advancing innovations** in these domains – set research and innovation priorities, articulate evidence needs, and identify promising solutions that are ready for testing and evaluation.

- Finally, ensure PRIHS applicants have access to critical **support structures and health system expertise** as early as possible in the PRIHS lifecycle.
Partnership for Research and Innovation in the Health System (PRIHS): 2019 - 2020

Launched May 1

PRIHS 5 Road Map

PRIHS ROAD MAP

MAY, 2019
LAUNCH

JUNE, 2019
CONTACT SCN

SCN select top 3
(Application will be made available to those selected)

SEPTEMBER, 2019
STAGE 1 DEADLINE
Stage 1 submissions 3 per SCN

JANUARY, 2020
STAGE 2 DEADLINE
Final submissions

FEBRUARY, 2020
STAGE 2 REVIEW
Rank & recommend

OCTOBER, 2019
INVITATION TO FULL PROPOSAL

OCTOBER, 2019
STAGE 1 REVIEW

AGREEMENT EXECUTION

DEcision
By PRIHS Steering Committee & funding approvals

MARCH, 2020
FUNDING ANNOUNCEMENT

ALBERTA INNOVATES
## PRIHS 5 Process

<table>
<thead>
<tr>
<th>STAGE 1</th>
<th>ADJUDICATION</th>
<th>STAGE 2</th>
<th>ADJUDICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Problem Definition</strong>&lt;br&gt;(quantify magnitude)&lt;br&gt;+&lt;br&gt;<strong>Relevance</strong>&lt;br&gt;+&lt;br&gt;<strong>Description of the Solution and Implementation Study</strong>&lt;br&gt;(initial sketch)&lt;br&gt;+&lt;br&gt;<strong>Expected Improvement</strong>&lt;br&gt;(measurable outcomes &amp; estimates of change)</td>
<td><strong>10 Projects Advance to Stage 2</strong></td>
<td><strong>Operational Considerations</strong>&lt;br&gt;+&lt;br&gt;<strong>Implementation Design</strong>&lt;br&gt;(expert consult provided)&lt;br&gt;+&lt;br&gt;<strong>Description of the Solution and Implementation Study</strong>&lt;br&gt;(strengthened)&lt;br&gt;+&lt;br&gt;<strong>Expected Improvement</strong>&lt;br&gt;(strengthened with operations and &amp; health economist consult)</td>
<td><strong>Funding Recommendations</strong></td>
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**Evaluation Criteria:** problem/solution specification; relevance; feasibility, impact, scientific merit.
PRIHS 5 Funding

- AI and AHS are investing up to $7 million in the PRIHS V competition. No maximum budget is set for each proposal.
- The individual award’s period of support for up to three years (2020-2023).
PRIHS 5 How to Apply

• Contact the Scientific Director or Assistant Scientific Director of the relevant SCN to discuss potential ideas or solutions – determine if the potential solution:
  – Addresses a priority as outlined in the SCN Transformational Roadmaps or emerging priorities approved by the SCN;
  – Consists of one or more evidence-based solution(s) that can be formulated into an implementation study;
  – Is accomplishable within the timeframe of a PRIHS grant; and,
  – Has the potential to deliver significant, measurable impact to health system performance.

• Contact details for SDs/ASDs and summaries of SCN Transformational Road Maps can be found at https://albertainnovates.ca/prihs-2019-2020
PRIHS 5 Eligibility

• Only proposals that are developed in collaboration with one or more SCN and consist of an implementation study in the Alberta health system will be considered for funding.

• All PRIHS V applications must include:
  
  – At least one lead applicant who holds an academic or research appointment at an Alberta-based Institution.
  
  – SCN Scientific Directors (SDs) and Assistant Scientific Directors (ASDs) are eligible to apply as a lead or co-lead. SD’s and ASD’s are exempt from all involvement in PRIHS Stage 1 and Stage 2 process review, evaluation and selection processes and panels.
  
  – SCN staff as part of the implementation study team or if applicable a co-lead
  
  – Other collaborators and/or knowledge users from the broader SCN network, including operational leaders, are encouraged.
PRIHS 5 Launch

• Program guide can be accessed at https://albertainnovates.ca/prihs-2019-2020

• Webinar (Q & A) on May 14th (12-1pm) – invitation available on the launch site
Questions...
Glossary of Acronyms

- AHS – Alberta Health Services
- AI – Alberta Innovates
- BELT - Budget Executive Leadership Team
- CIHR - Canadian Institutes of Health Research
- HIIS – Health Innovation Implementation and Scale
- ICT - Innovative Clinical Trials
- PHSI - Partnerships for Health System Improvement
- PRIHS - Partnership for Research and Innovation in the Health System
- SCNs – Strategic Clinical Networks™
- QI – Quality Improvement
- QSO - Quality, Safety & Outcomes Improvement Executive Committee