

# Evidence Informed Decision Making: Innovative Approaches through Researcher-Patient Partnerships

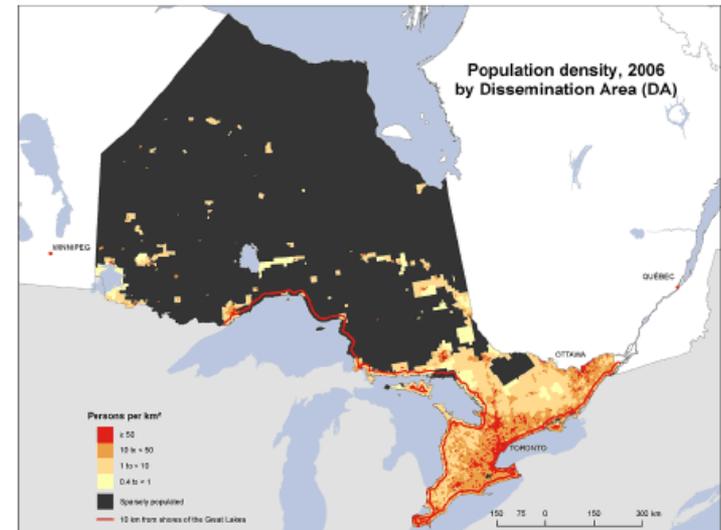
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2015 International Health Conference  
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# Ontario: Canada's Largest Province

- 13.5 million people @ 1.1% annual growth<sup>1</sup>
- \$655 billion GDP; \$49,000 per capita<sup>1</sup>
- Life expectancy: males, 79; females, 84<sup>2</sup>
- Major cities (Toronto, Ottawa) in the South
- The North is very sparsely populated
- Proportion foreign-born: 29%
- Aboriginal people ~2% of population



1. Ministry of Ontario Factsheet: [www.fin.gov.on.ca/en/economy/ecupdates/factsheet.html](http://www.fin.gov.on.ca/en/economy/ecupdates/factsheet.html)

2. StatsCanada, Life Expectancy at Birth by Sex: [www.statcan.gc.ca/tables-tableaux/sum-som/l01/cst01/health26-eng.htm](http://www.statcan.gc.ca/tables-tableaux/sum-som/l01/cst01/health26-eng.htm)

\*All \$=2011 CAD; life expectancy in years

# Ministry and LHIN Areas of Responsibility

- In 2013/14, the Ministry's total budget was \$48.9B.
- Of this, the total allocation to LHINs, including LHIN operations, was \$25.8B.
- The largest component of the allocation is to hospitals: \$17.3B.

## Ministry's Areas of Responsibility

- Health Care Providers (i.e., physicians, nurses, etc.)
- Assistive Devices and Home Oxygen Program
- Independent Health Facilities
- Ontario Public Drug Programs
- Programs of Provincial Interest (e.g., cardiac (incremental volumes), organ transplant, cancer, neuro services, etc.)
- Community Labs (i.e., active specimen collection centres)
- Family Health Teams
- Public Health Units\*
- Stewardship over Land/Air Ambulance Services\*\* (i.e., ambulance, ambulance communications services, land and air ambulance)

## LHIN's Areas of Responsibility

- Hospitals
- Long-Term Care Homes
- Community Services
- Community Health Centres
- Community Mental Health and Addictions Services
- Community Care Access Centres

\* Public Health: Cost share for mandatory programs are 75% provincial and 25% municipal.

\*\* Municipal land ambulance services are cost shared (approved costs) 50/50 between the province and municipalities.

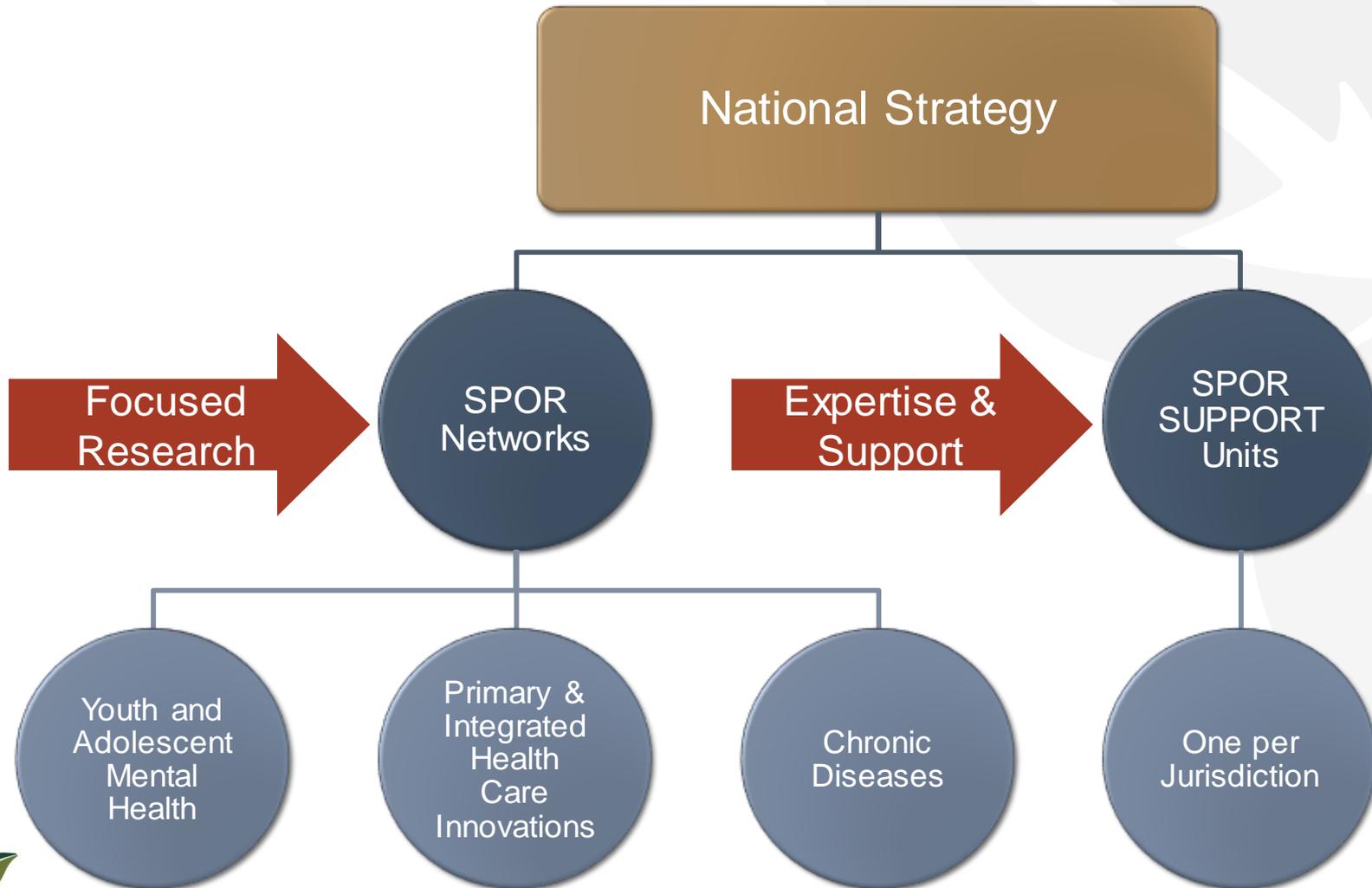
# What is SPOR?

- Strategy for Patient-Oriented Research
- 5-year, joint federal, provincial, territorial initiative to foster:
  - Evidence-informed health care with system-wide impact.
  - Enhanced patient engagement and partnerships.
  - Innovative collaboration among researchers, clinicians, patients, health system administrators, policy makers, health charities, industry, etc.
- Engages a coalition dedicated to the integration of research into care and the translation of research results into improved health outcomes.

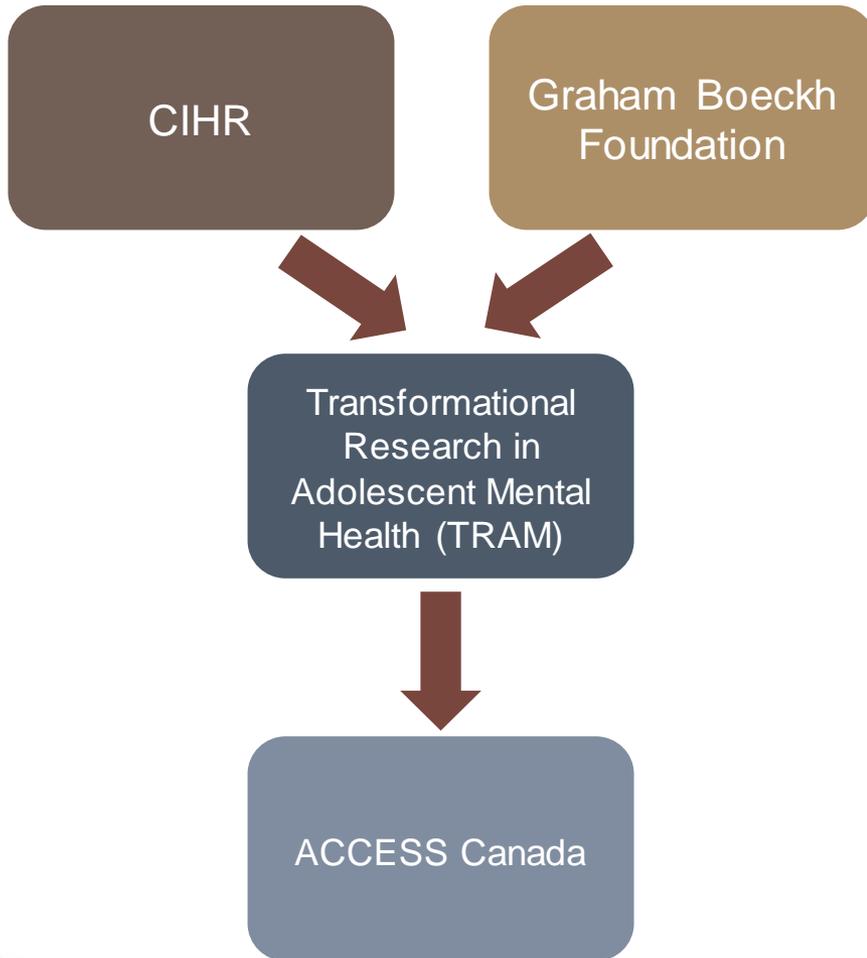
# Principles

- **Patients need to be involved** in all aspects of the research to ensure questions and results are relevant and integrated into practice.
- Decision-makers and clinicians need to be involved throughout the entire research process to ensure **integration into policy and practice**.
- Funding is based on a **1:1 matching formula** with non-federal government partners to ensure relevance and applicability.
- Effective patient-oriented research requires a **multi-disciplinary approach**.
- SPOR is focused on first-in-human (and beyond) research designed to be transformative in nature and **improve patient outcomes** and the effectiveness and efficiency of the health care system.
- **SPOR is outcome driven** and incorporates performance measurement and evaluation as integral components of the initiative.

# Elements of SPOR

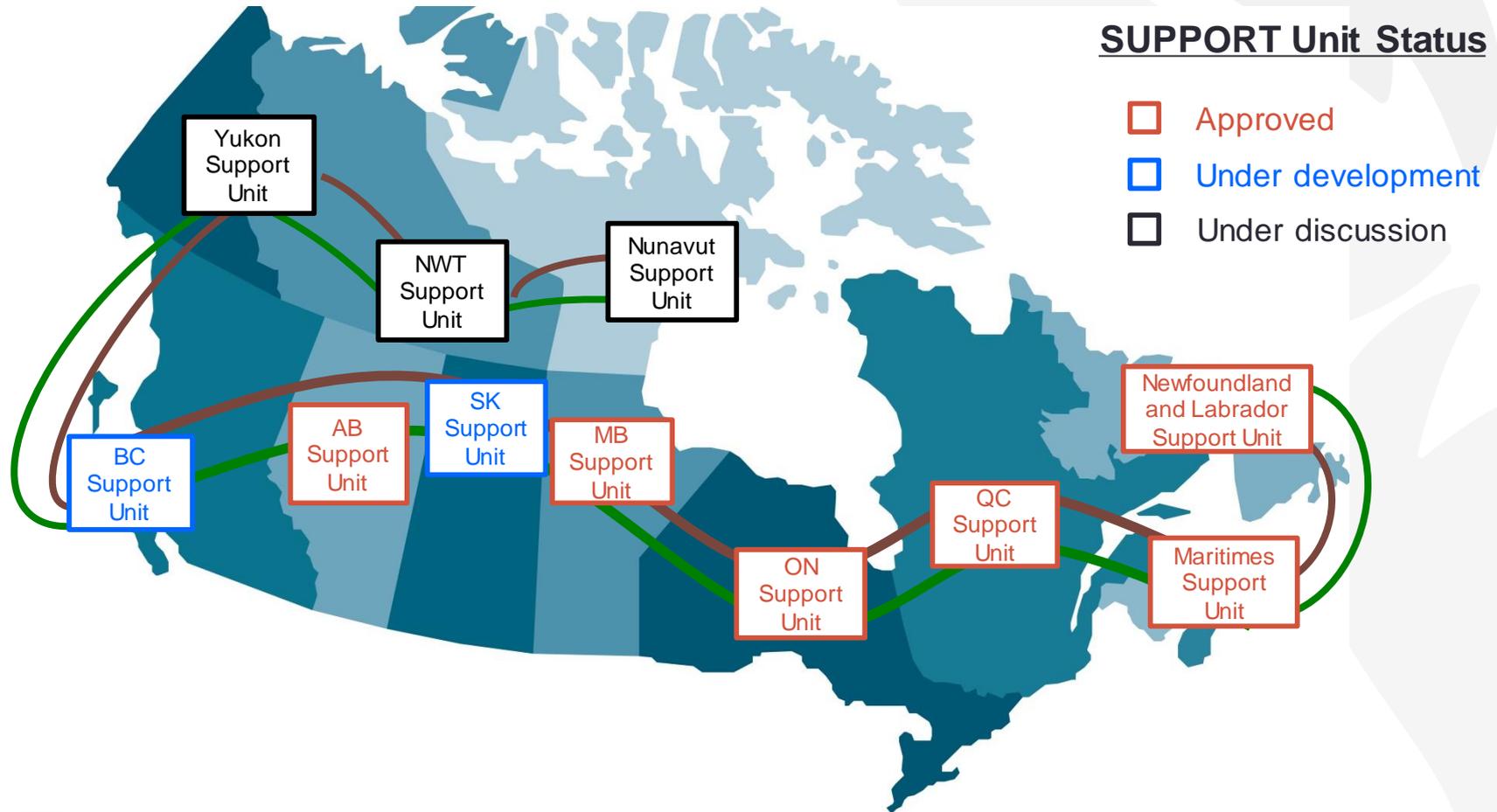


# Youth and Adolescent Mental Health



- ACCESS Canada mandate:
  - Improve youth (11 – 25 year olds) engagement and awareness of mental health issues leading to early identification of those in need.
  - Make appropriate, evidence-informed, youth-friendly mental health care accessible to youth as early as possible.
- \$12.5M over five years from CIHR, matched by the Graham Boeckh Foundation.

# SPOR SUPPORT Units



# SUPPORT Unit Core Functions

- Data Platforms and Services
- Methods Support and Development
- Real World Clinical Trials and Population Health Studies
- Consultation and Research Services
- Knowledge Translation and Implementation
- Career Development and Capacity Building

# Ontario SPOR SUPPORT Unit



## Collaborative Network

- Patients
- Researchers
- Clinicians
- Policy makers
- Industry representatives

## Resources

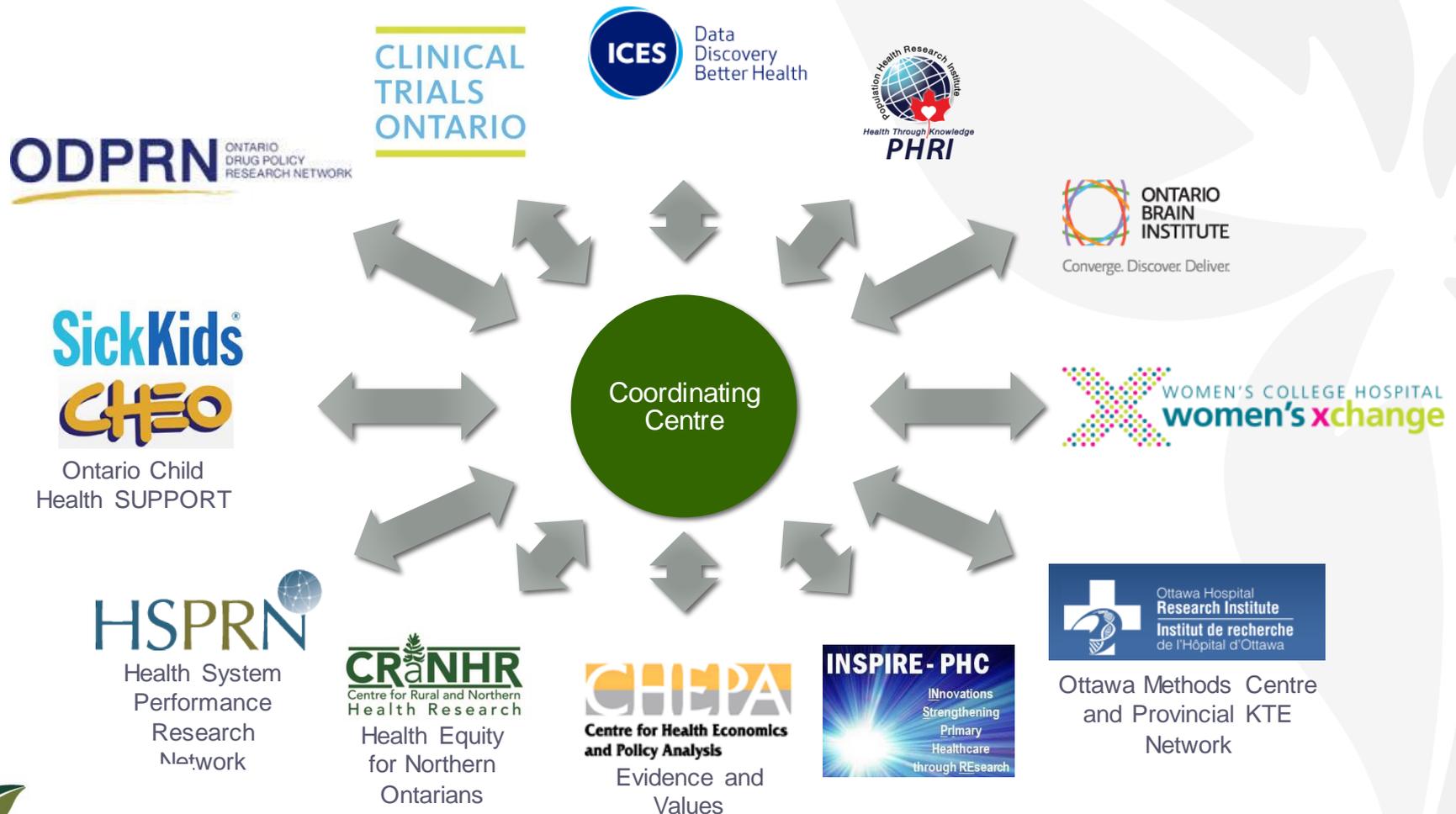
- Expertise, infrastructure and funding to support those engaged in patient-oriented research.

## Focus

- Data access
- Methodological and research services
- Knowledge Translation
- Clinical Trials
- Capacity Building



# OSSU Centres



# Coordinating Centre

- Facilitates collaboration and integrates the work of the 12 centres and the theme networks.
- Conceptualizes and initiates activities that contribute to advancing the translational research agenda under SPOR.
- Serves as single window entry for researchers, policy makers, patients, health charities, industry, funders and providers seeking services and support.
- Brokers and connects policy and practice communities.
- Manages funding processes, oversees performance reporting and supports governance structure.

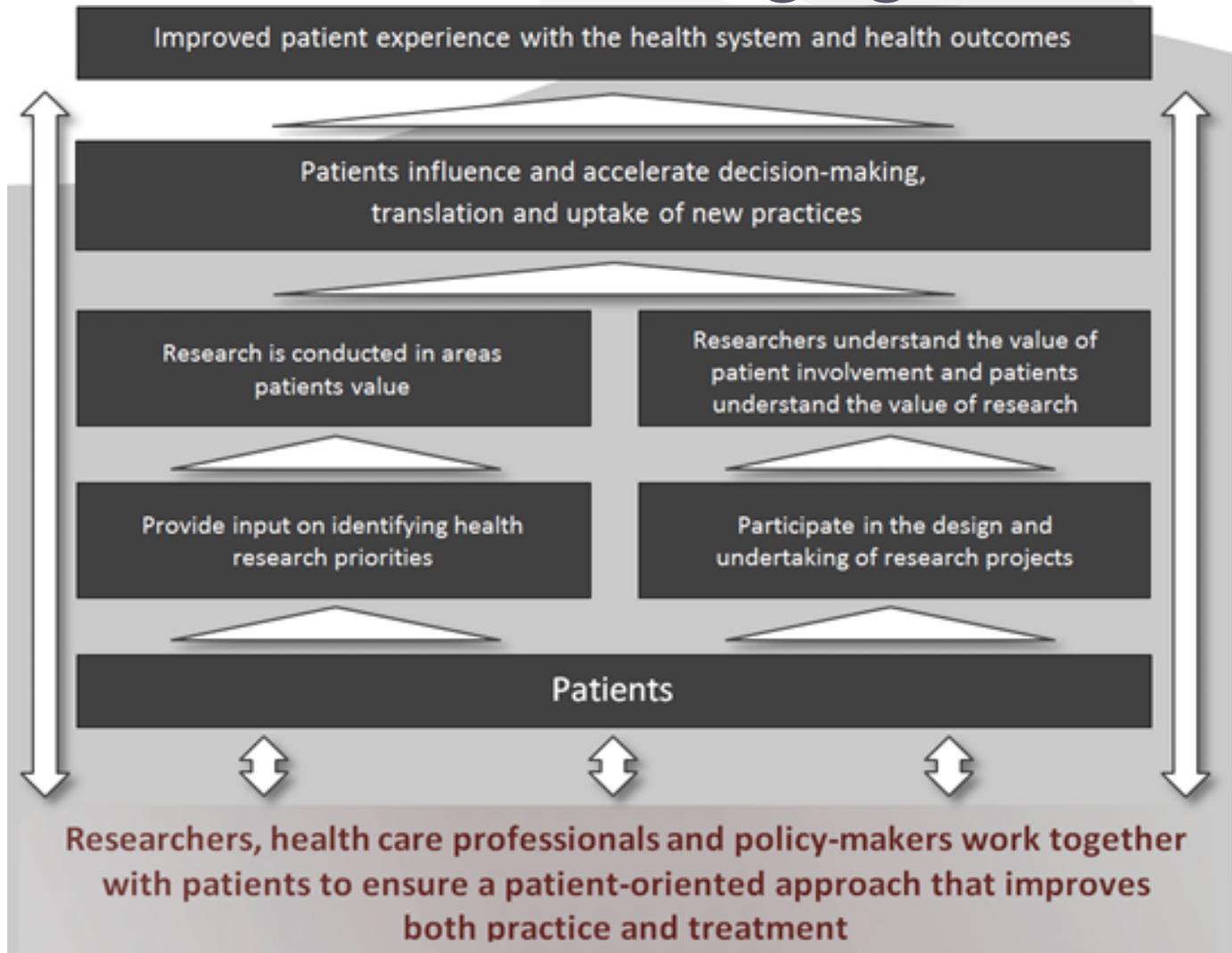
# IMPACT Awards

- Supports translational research projects that are **I**nnovative, **M**easurable, **P**atient-oriented, **A**ppropriate, **C**ollaborative and **T**ransformative.
- Open to all Ontario researchers, including those outside the 12 OSSU centres.
- Designed to bring patients, policy makers, private sector and providers together with OSSU expertise and resources – minimum of 3 OSSU centres.
- Patient partners to be integrated into research process from inception.
- Selected through competitive, peer-reviewed process with panel assessing:
  - Scientific Merit
  - Relevance
  - Methodology
  - Patient Perspective

# IMPACT Projects

| Principal Investigator  | Affiliation                        | Topic   |
|-------------------------|------------------------------------|---|
| Devereaux, PJ           | McMaster University                | Accelerated Surgery for Hip Fracture          |
| Green, Michael          | Queens University                  | First Nations Diabetes                        |
| Hatcher, Simon          | University of Ottawa               | Men Self-harm Smartphone App                  |
| Ivers, Noah             | University of Toronto              | HQO Initiative Implementation                 |
| Lee, Douglas            | ICES                               | Heart Failure Treatment                       |
| Szatmari, Peter         | CAMH                               | High Risk Youth with Mental Health Challenges |
| Vaillancourt, Christian | Ottawa Hospital Research Institute | C-Spine Rules for Paramedics                  |

# Value Model for Patient Engagement



Canada Institutes of Health Research Institut de recherche en santé du Canada

Canada

Strategy for Patient-Oriented Research

**SPOR**

Putting Patients First

Strategy for Patient-Oriented Research

**Patient Engagement Framework**

# OSSU Engagement Principles

- **Accessibility**  
Support engagement that is sensitive for the time, ethno-cultural values, needs, abilities and current circumstances of all partners.
- **Active Promotion of Participation**  
Understand that engagement requires supportive structures and processes which enable meaningful participation of all partners.
- **Flexibility**  
Recognize that the engagement process can involve different techniques and designs and should be tailored to meet specific purposes and to support meaningful patient/caregiver/citizen contributions.
- **Tolerance**  
Recognize that successful engagement is challenging and that all participants remain sensitive to the complexity of the process, the lack of evidence on best strategies for engagement and to each other's limitations.

# OSSU Principles for Patient Partnership

- **Mutual respect** for the time, ethno-cultural values, needs, abilities and current circumstances of all partners.
- **Recognition of value** for each person's perspective, experience and contribution to design and conduct of research, partnership practices and shared decision-making.
- **Commitment to clear and shared terms of engagement and purpose** for all contributions to the partnership.
- **Accountability and transparency** in integrating contributions across organizational and governance structures. Efficiency and coordinating will be prioritized, the impact of contributions will be tracked, and appropriate recognition will be given for contributions.

# Resource Guide for Researchers



## Engagement Rubric

Updated February 11, 2015

To cite this document, please use: PCORi Engagement Rubric, PCORi (Patient Research Institute) website. <http://www.pcori.org/sites/default/files/PCORiEngRubricTable.pdf>. Published February 4, 2014. Updated January 23, 2015. Accessed [date].

A version of this document is also available as an appendix in the PTA Application Guide.

## INVOLVE

  
National Institute for  
Health Research

**Briefing notes  
for researchers:**  
public involvement in  
NHS, public health and  
social care research

Supporting public involvement  
in NHS, public health and  
social care research

## Patient Engagement and Canada's SPOR Initiative

A Resource Guide for Research Teams and Networks

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For the Ontario SPOR SUPPORT Unit

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