

Translating Research Into Care

Nova Scotia's Healthcare Improvement Research Program

TRIC Program Overview



What is implementation science?

Implementation research is the **scientific study of methods** to promote the **systematic uptake** of proven clinical treatments, practices, organizational, and management interventions **into routine practice**, and hence to improve health.

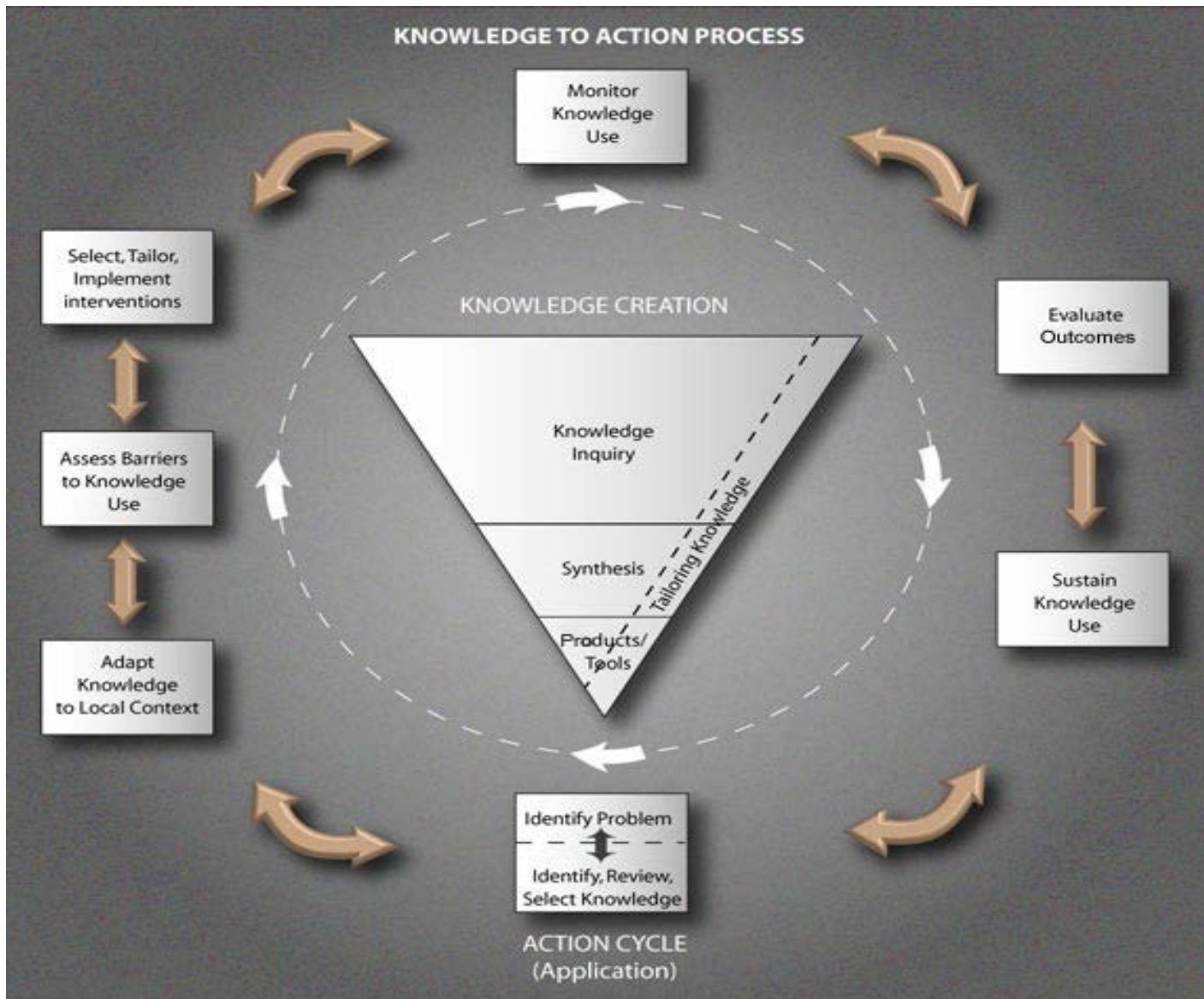
Research on implementation addresses the level to which health interventions can fit within real-world public health and clinical service systems.

<http://www.implementationscience.com/about>

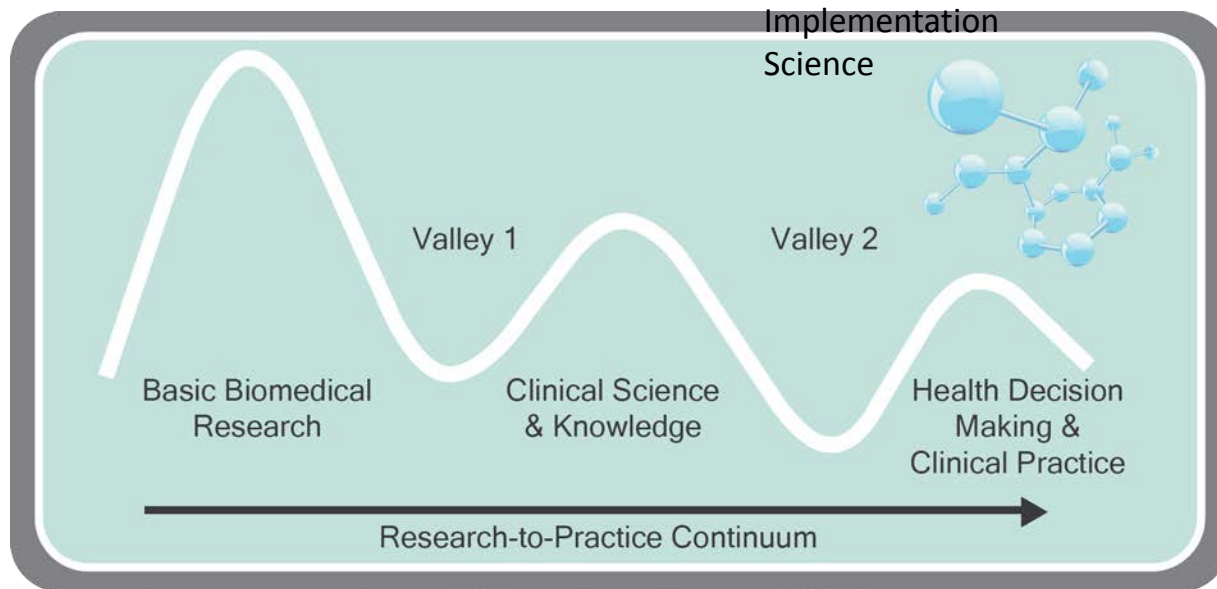
<http://www.fic.nih.gov/News/Events/implementation-science/Pages/faqs.aspx>

Why do we need implementation science?

- Why can't we just do the KT and be done?
- Research is an iterative process.
 - Disseminating findings \neq change



However, the reality is....



CIHR

How is “implementation science” going to make implementation actually happen?

- By changing:
 - the way we think about research
 - who we do research with
 - how we actually **do** research

Implementation science

- Collaboration between researchers, implementers, policymakers, public
- Opens up many opportunities to design research in a context that is locally relevant

Challenges:

- Identifying methods of bringing people together communicating in a meaningful way, developing a common interest, goals and language.
- Identifying the expectations of researchers and the expectations of those involved in the implementation of new processes.
- Scientific rigor must be balanced with a need to conduct research that applies to real world settings.
- Researchers must be open to a range of methods (qualitative/quantitative) and methods existing outside their discipline.

About TRIC

- **Purpose:** To support research, at the point of care, that will facilitate the translation of clinical science into improved delivery of services and patient care at NSHA and/or IWK.
- TRIC grants aim to change care **NOW** at QEII, NSHA and IWK through implementation science research projects.
- **Funders:** QEII Foundation and IWK Foundation
- **Deadlines:** Nov 1 and May 1 annually
- **Registration:** Register your idea at least 1 month in advance of the deadline using the Registration Form on the TRIC website.

TRIC Award Levels

Three award levels:

Level 1 (up to \$3,000 duration of 1 year)

Level 2 (up to \$30,000 duration of 1 or 2 years)

Level 3 (up to \$60,000 duration of 2 years)

Before Starting a TRIC Application Consider...

- Am I eligible to apply?
- What is my **research** question (vs. QI projects)?
- How will this research help **change practice**?
- How will this practice change **impact** the health system and/or patient care?
- Is there **rationale/evidence** for this practice change in the literature?
- Is this practice change **supported by health centre administrator(s)**?
- Have the required IM/IT changes been considered **AND approved**?
- Is the proposed change **sustainable** over the long term?
- How can I involve patients/patient voice?

Eligibility Criteria for Co-leads

- **Scientific Co-PI's** must be an employee, medical staff member or have an affiliate scientist or medical appointment at the institution where the research will take place and where the funds will be held. Those without an official appointment at NSHA or IWK are not eligible to apply.
- **Administrative Co-PI's** must be employees at a NSHA or IWK facility. They must have signing authority for the hospital department/unit budget that will be impacted and the authority to approve the sustainability of the health care improvement over the long term. (Usually a Manager, Director, Senior Director or VP).

TRIC Grant Priorities

- Improve patient reported outcomes
 - Improve the safety of healthcare
 - Improve wait times for healthcare
 - Reduce the need for healthcare
 - Improve access for under-served populations
 - Identify and reduce unnecessary healthcare costs
 - Reduce unnecessary interventions
- *We encourage projects focused on de-adoption of unnecessary tests, interventions or clinical practices of low value

TRIC Program Hallmarks

- Research is co-led by QEII, NSHA and IWK Researchers & Administrators
- TRIC funding covers the research costs
- Operational costs must be absorbed by health system and signed off by Administrative Co-PI.
- research that can be successfully implemented and sustained by the health centre(s)
- Must include the patient voice

TRIC - Anticipated Outcomes

- New diagnostic and treatment procedures
- Access to care (timely, affordable, quality)
- Addressing issues of effectiveness, efficiency
- Adoption of new technologies
- Generating new care delivery models
- Addressing service gaps
- Improved chronic disease management and support systems
- Responding to the needs of a geographically or culturally diverse populations
- De-adoption or getting rid of redundancy in service

Reviewer Considerations

- Grants are reviewed by scientists, clinicians, health centre administrators, representatives from health centre foundations, industry and patients.
- They assess grants for:
 - Impact on health care
 - Scientific AND Administrative Merit
 - Implementation procedure – is it clear? feasible? sustainable?
 - Budget – is it appropriate? are operational costs signed off by the appropriate administrative co-lead?
 - Is the patient voice included?

Assistance is available!

- Workshops
- Online resources on TRIC web page:
 - TRIC Program Overview presentation
 - Patient Engagement presentations (3)
 - Implementation Science presentation
 - Health Economics presentation
 - NSHA: <http://www.cdha.nshealth.ca/discovery-innovation/qeii-fdn-tric-grants>
 - IWK: <http://www.iwk.nshealth.ca/research/translating-research-care-tric-healthcare-improvement-research-program>
- Research Methods Unit
- Maritime SPOR Support Unit
- Consultations e.g. TRIC Program Manager, Consulting Scientist, TRIC review committee member, etc.
- Sharing of previously successful grants
- Pre-review of grant applications

TRIC Grants – Worth Noting

- Check eligibility and program criteria!
- Review TRIC Application Forms, Guidelines and related documents
- Administrator-Researcher collaboration should be solid.
- Patients/patient voice must be included.
- Budget – consider eligible and ineligible expenses, use the health centre pay scales.
- CV's must be 5 pages or less.
- TRIC Forms are locked documents. For assistance with forms, contact Research Development.

TRIC Application Process

- **NEW!! Complete the registration form 1 month before deadline**
- Deadlines: May 1 and Nov 1 @ 4 pm
- Submit: Send 1 PDF to: Sandra.Crowell@nshealth.ca or use HITS-NS SEND secure file transfer system <https://send.nshealth.ca>
- DO NOT send TRIC applications from a Gmail or Hotmail account - they may not arrive!
- Receipt of your application will be confirmed
- **COMING SOON IN 2020:** Online Application

Contacts

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IWK Research Services:

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Funding for TRIC projects:



IWK Foundation