

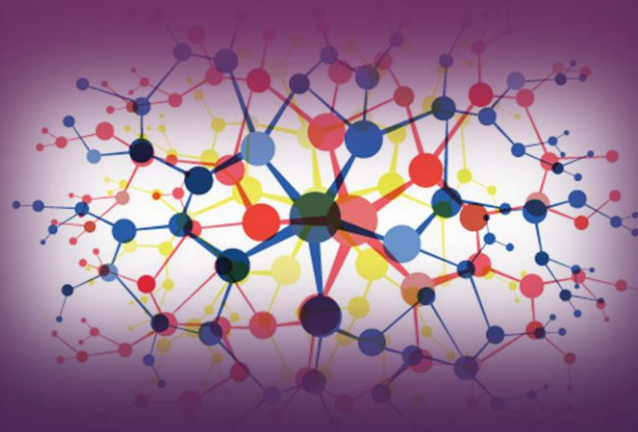


VIRTUAL DOCTORAL NURSING STUDENTS' FORUM

Topic #2:

Tips on building a program of research

DR. JULIA LUKEWICH
OCTOBER 28TH 2021




DISCLOSURE



Even if you go for it
and it doesn't work out
you still win. You still had
the guts enough to head
straight into something that
frightened you. That type
of bravery will take you
places.

What is a Program of Research?

- ▶ Overall goal of research summarized in 1 sentence; “overall goal”
- ▶ Comprised of specific/various studies that contribute to overall program
- ▶ Requires visioning, strategy, and planning



What is your overall research goal?

• TABLE 1.1 Definitions of a Research Program

Author (Year)	Definition
Pranulis (1991)	A series of <u>related studies</u> aimed at addressing a particular knowledge gap that is significant to the scientist's discipline.
Fitch (1996)	A <u>series of studies</u> conducted in a topic area such that <u>logical progression</u> of knowledge is revealed.
Sandelowski (1997)	Comprising <u>planned, purposeful</u> , and substantive and/or <u>theoretically linked studies</u> with demonstrable significance for the public welfare.
Parse (2009)	Visible testimony demonstrating a coherent pattern of knowledge development about a particular phenomenon.
Holzemer (2009)	Designed to build knowledge over time that can contribute to <u>improved outcomes of health care</u> . It is grounded theoretically and is linked to rigorous research methodologies.
Morse (2010)	Addresses a <u>large programmatic aim</u> , and consists of a series of planned, interrelated, interconnected projects, each complete in itself, and <u>each contributing stepwise to meeting the overall aim</u> .
Social Sciences & Humanities Research Council (Canada) (2013)	A sustained research enterprise that includes one or more projects or other components, and is shaped by broad objectives for the advancement of knowledge. It might be undertaken primarily by one investigator and encompassed within a single research career, or it might mobilize a team of researchers during a specific period.

Beck, C. (2016). *Developing a program of research in nursing*. Springer Publishing Company.

PhD is a starting or jumping-off point
for research program



A successful program of research

Ideas

Overarching, substantive topic area

Funding

Theoretical concepts/frameworks

Persistence and determination

Various methodologies/approaches

Mentorship and sponsorship

Identification of Topic Area

- ▶ Be strategic
 - ▶ Value to patients or the healthcare system
 - ▶ Fill a gap in the published literature
 - ▶ Align with funding priorities (CIHR, SSHRC)
 - ▶ Choose an area that interests you
- ▶ Become an expert!
 - ▶ Significant amount of time understanding/studying topic – PhD is the time!



Congratulations!

You successfully defended your PhD

Congratulations!

You successfully defended your PhD

Go back to your overall goal ...

- Think about where you want to go and steps to get there.
- Establish short-term research goals/projects.

1. Build a team
2. Generate project ideas

Build a team!

Collaboration within nursing
and across other disciplines



Build a team!

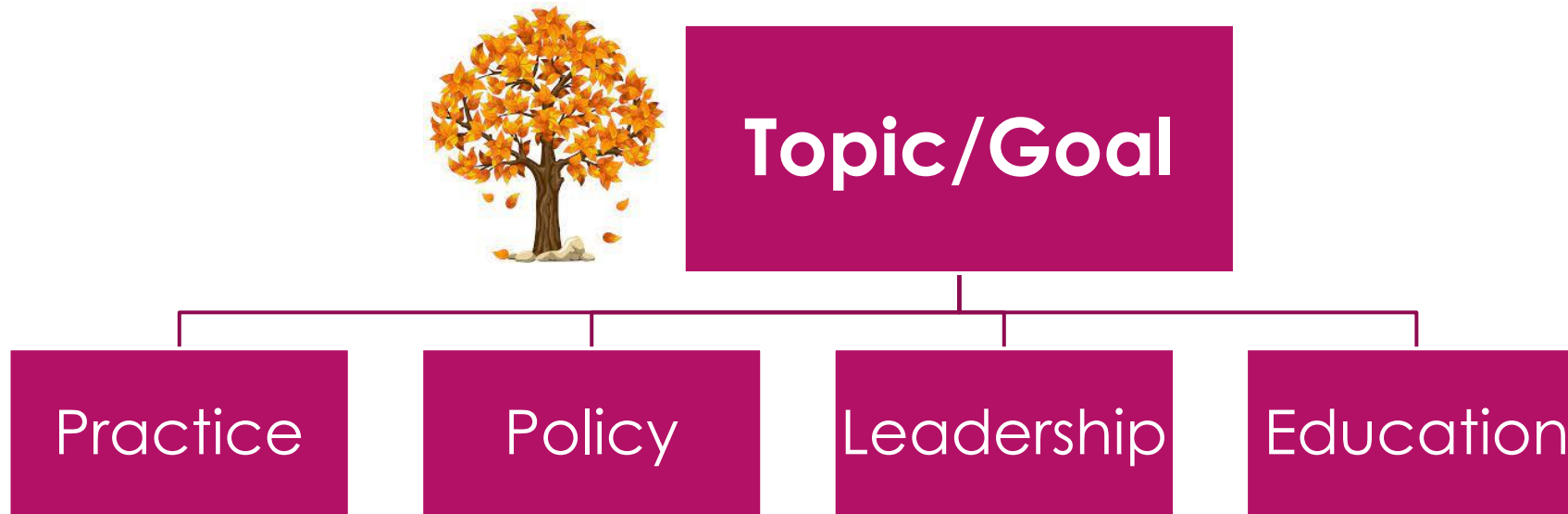
- ▶ Engagement grants to bring people together
- ▶ Meet with key stakeholders, identify their knowledge needs
- ▶ Participate in networking opportunities/events
- ▶ Invite stakeholders to be a knowledge user/collaborator on your team

Project Ideas!



- ▶ Keep an updated list of project, manuscript, conference ideas.
- ▶ Annual reflection.
- ▶ Each project should lead into another.
- ▶ Each project should be disseminated (publication, presentation, etc).

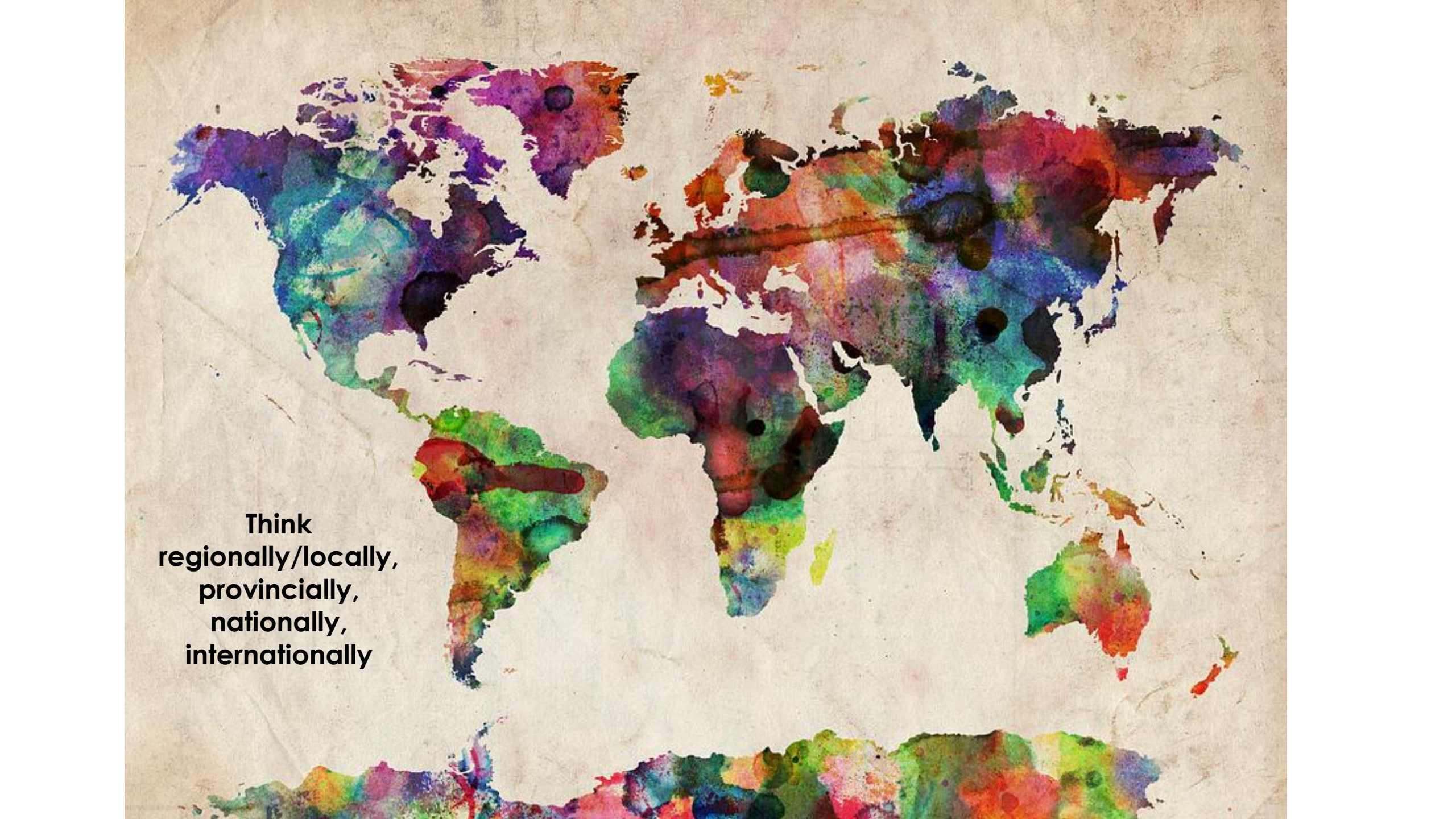
Consider Different Perspectives



Approach topic in different ways - creativity

Focus on advancing topic in different domains of practice

Always consider implications for different stakeholder groups



**Think
regionally/locally,
provincially,
nationally,
internationally**

Various methodologies/approaches

► Projects should be knowledge driven, not method limited

- I.e., Projects should be determined by knowledge needs in substantive area at particular points in time, rather than expertise in research methodology
- Build a network of researchers and knowledge users and identify research priorities.
- Requires collaboration with individuals who have expertise in different areas, mentors, consultations, workshops to expand skill-set (seek training)
E.g. Joanna Briggs Institute Systematic Review Training Course

Tri-Council FUNDING

Apply for CIHR funding right away
Do not wait.



“An early career researcher (ECR) is a researcher within 7 years from the date of their first research-related appointment”

Doctoral Research Awards
Travel Awards

Apply for the Observer Program for Early
Career Researcher (ECRs)

Build a track-record of funding

Search for:

- ▶ Internal opportunities within academic institution
- ▶ Provincial opportunities (e.g. nursing association, government, specialty/interest groups)
- ▶ National opportunities (e.g. Diabetes Canada)
- ▶ Build partnerships + Raise funds, in-kind or cash

Learn grant writing skills:

- ▶ PhD – APPLY! APPLY! APPLY!
- ▶ Workshops, seminars
- ▶ Learn CCV (required for ResearchNet grant applications) →



Importance of Research Outputs

- ▶ PhD coursework → publish!
- ▶ Sharing findings from your work broadly – practice, policy, education
- ▶ Publish your findings.
- ▶ Unused data – find ways to use and publish
- ▶ Use a reference manager
- ▶ Take advantage of services offered by library, e.g. open access funding

SUMMARY

Ideas

Overarching, substantive topic area

Funding

Theoretical concepts/frameworks

Persistence and determination

Various methodologies/approaches

Mentorship and sponsorship

CASN
ACESI



Canadian Association of Schools of Nursing
Association canadienne des écoles de sciences infirmières

VIRTUAL DOCTORAL NURSING STUDENTS' FORUM

THANK YOU

DR. JULIA LUKEWICH
OCTOBER 28TH 2021

