

SoTL Seed Info Session

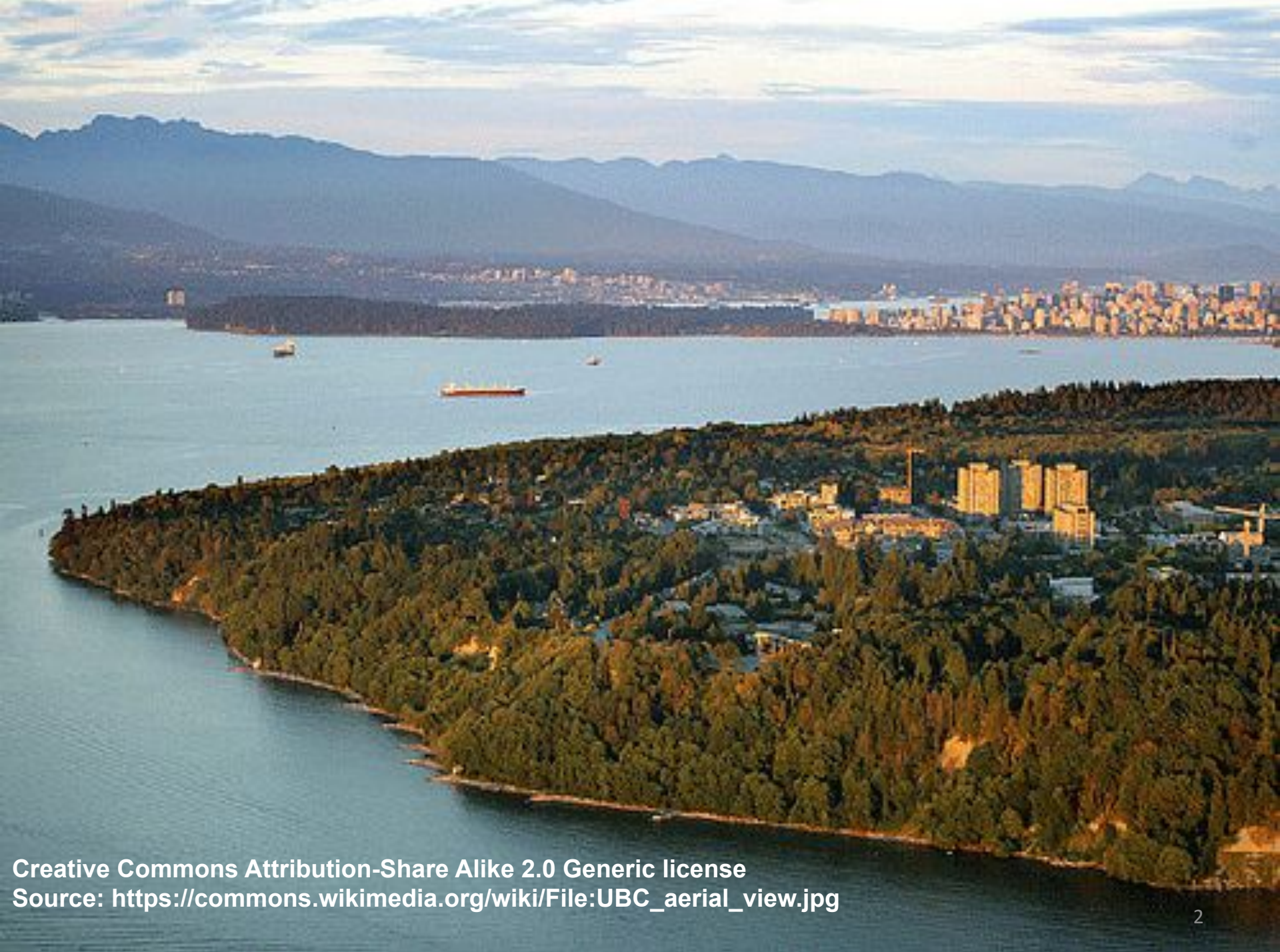


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Source: https://commons.wikimedia.org/wiki/File:UBC_aerial_view.jpg

What brought you to this session?

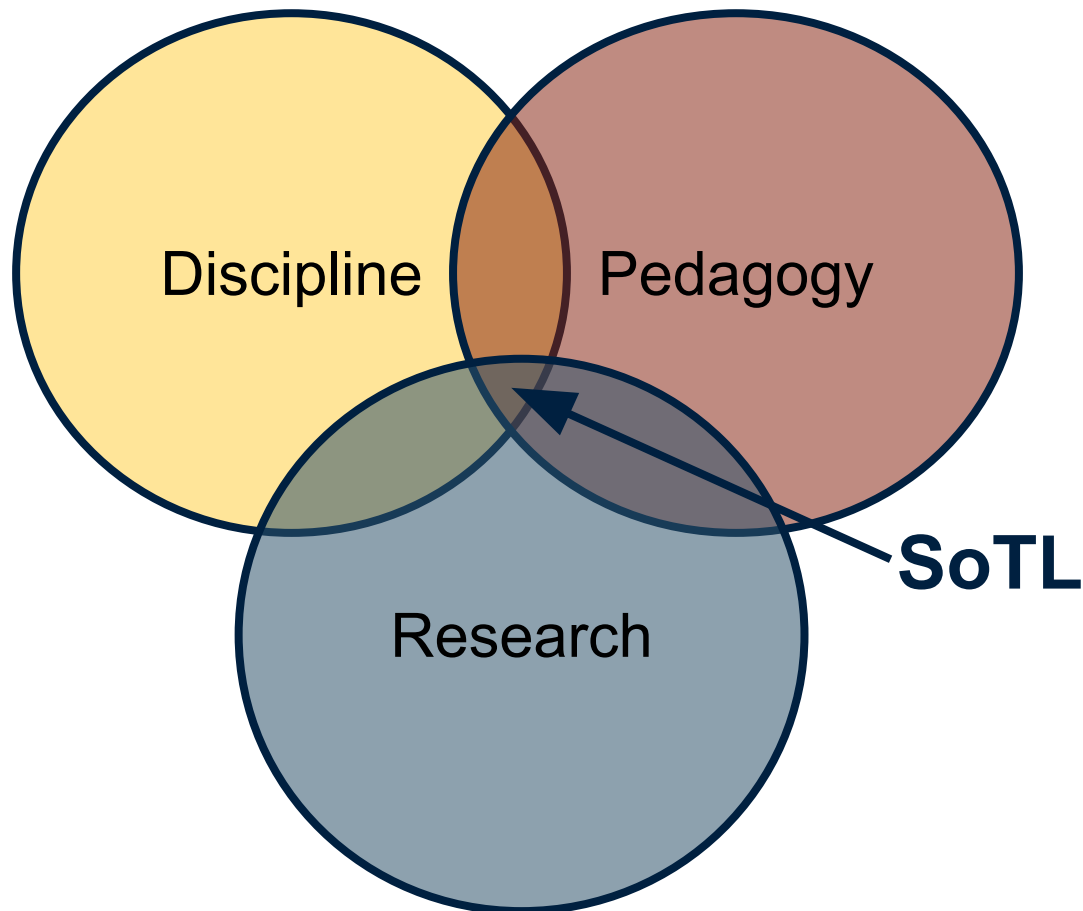


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Scholarship of Teaching and Learning

“The systematic study of teaching and/or learning and the public sharing and review of such work” (McKinney, 2006, p. 39)

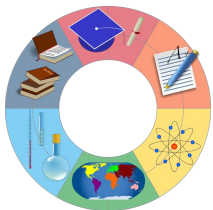


SoTL vs.



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Domain Dedication

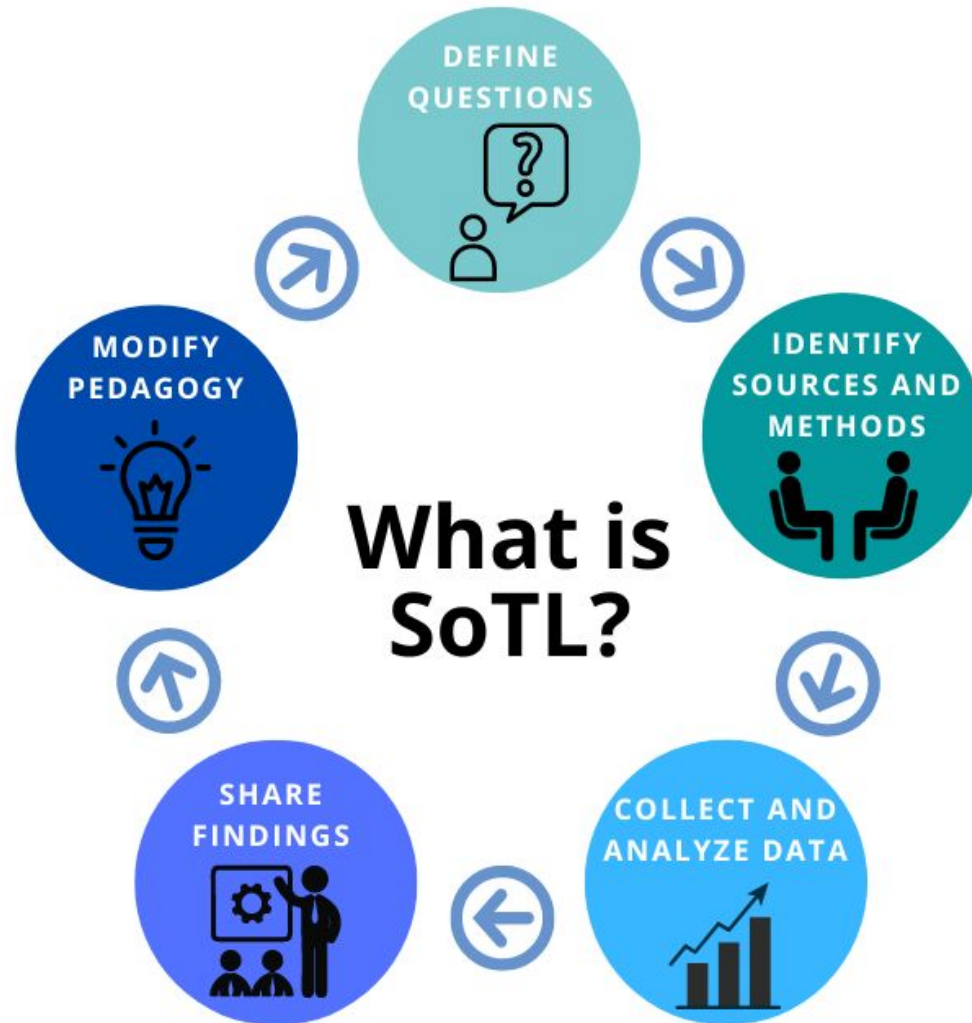
Scholarly Teaching: Uses evidence-based teaching informed by the teaching and learning community. Consumers vs. producers of knowledge.



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Domain Dedication

Discipline Based Educational Research (DBER): Grounded in the STEM disciplines; addresses questions of teaching and learning within those discipline contexts.

The SoTL Cycle



SoTL Seed: Full Support Package

- Up to 70 hours of SoTL Specialist support:
 - Expert graduate students, each supports multiple projects, team work
 - Research design; survey design and analysis; experimental design and statistics; interviews and focus groups; thematic and content analysis; BREB application support (if needed); reporting of findings
- Up to \$200 discretionary funding
 - Participant costs (incentives, refreshments)
 - Disciplinary experts (TAs)
- Up to \$500 travel funding
 - For conferences where you present your SoTL Seed project

SoTL Seed: Limited Support Package

- Up to 20 hours of SoTL Specialist support:
 - Expert graduate students, each supports multiple projects, team work
 - Research design; survey design and analysis; experimental design and statistics; interviews and focus groups; thematic and content analysis; BREB application support (if needed); reporting of findings
- Limited discretionary funding
 - Participant costs (incentives, refreshments)
 - Disciplinary experts (TAs)

<https://isotl.ctlt.ubc.ca/services/sotl-seed-program/new-sotl-seed-holder-program-guide/>

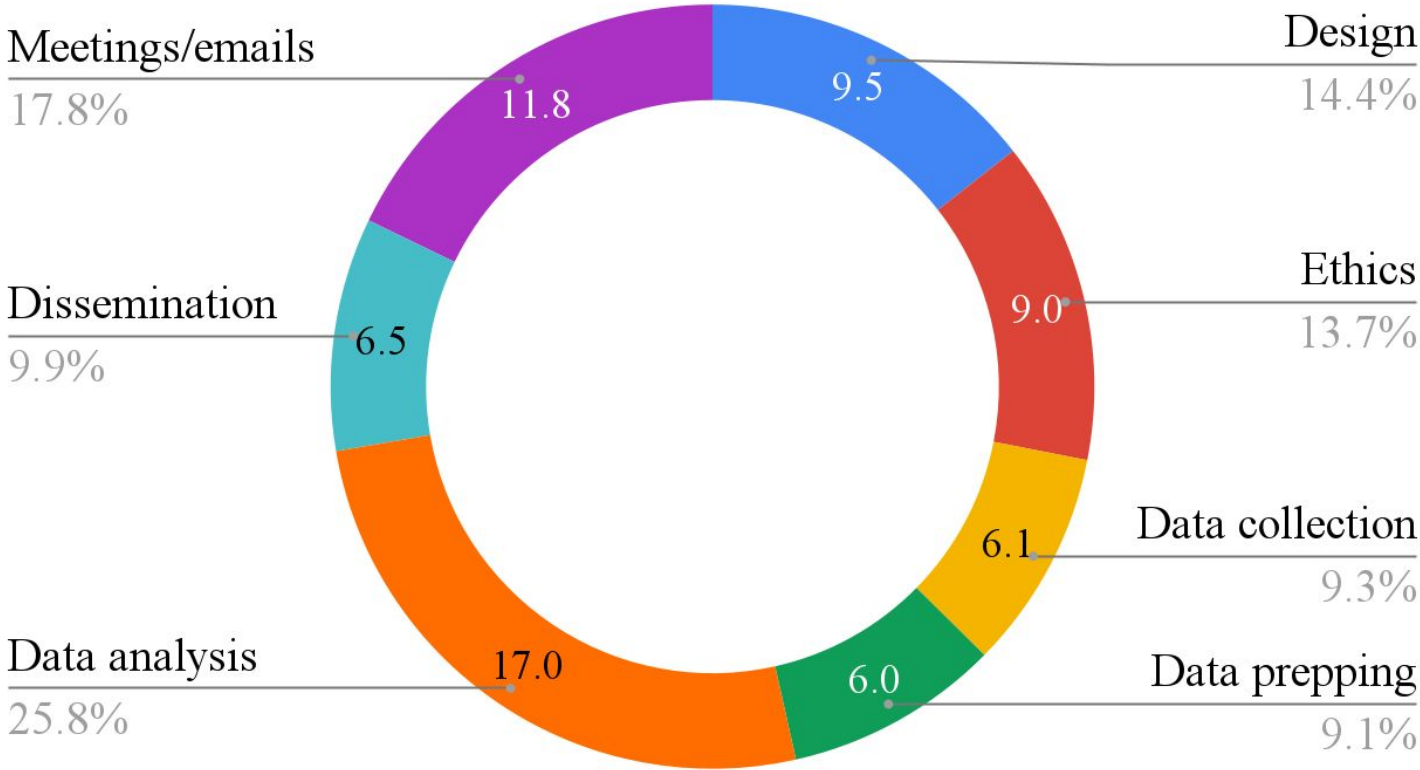
<https://isotl.ctlt.ubc.ca/services/sotl-seed-program/sotl-seed-limited-support-program-guide/>

SoTL Specialists Support

- Conceptualization
- Design
- Data collection
- Analysis
- (some) Write up

SoTL Specialists' Time

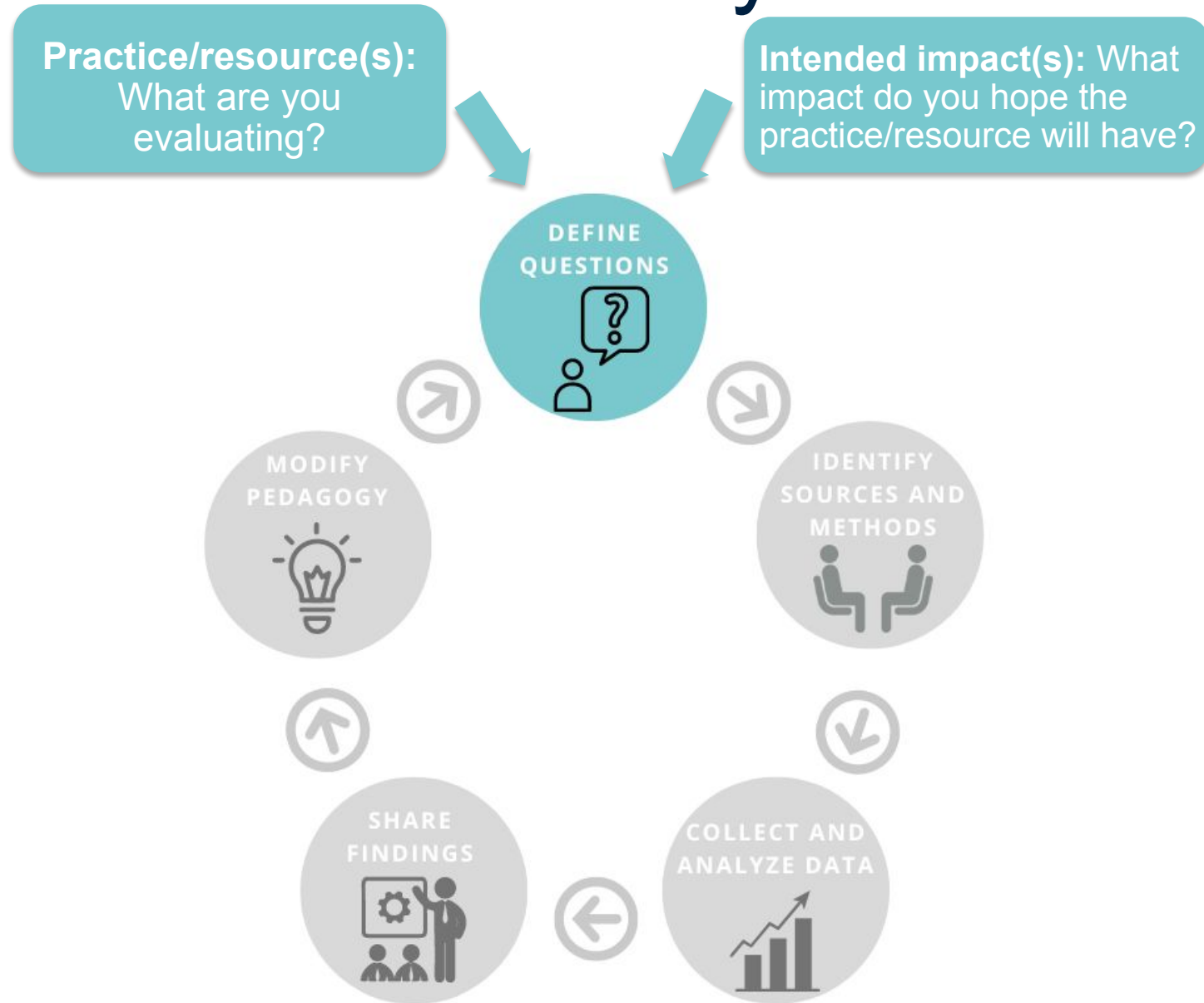
Specialists time spent (hrs/%) based on 60 completed projects



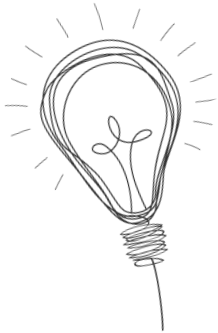
The SoTL Cycle



The SoTL Cycle



Generating a SoTL Question



- What interests you about teaching and learning, generally?
- Is there anything in your classroom that ignites your curiosity?
- Is there anything you would have liked to have seen as a student in the classroom?

Common Types of SoTL Questions

“What works...?”

- Evaluative: Seek evidence of the relative effectiveness of particular teaching approaches/tools

“What/how is...?”

- Descriptive & exploratory: Seek to describe, but not evaluate, a phenomenon observed in the classroom or the consequences of particular teaching approaches

Scoping SoTL Questions

“...you cannot investigate everything at once. Indeed it may be that you can't investigate more than one question at a time. What matters most is for teachers to **investigate the problems that matter most to them**” (Bass, 1999).



The SoTL Cycle



Choosing a Method

When choosing a method, consider:

- Alignment with your research question(s)
- Your own expertise and supports you might need
- Practical considerations

Having BREB approval vs. Being ethical



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Source: <https://www.picpedia.org/highway-signs/e/ethics.html>

Survey governance committee: <https://pair.ubc.ca/surveys/survey-governance/>

Sample consent forms: <https://isotl.ctlt.ubc.ca/resources/resource-hub/>

Guide for deciding if you need to pursue institutional ethics: <https://isotl.ctlt.ubc.ca/breb-application/>

“Do you need ethics approval?” (10 minute video) https://www.youtube.com/watch?v=hU_SY5EeYSM

Adjudication Criteria

1. **Impact:** Is the work likely to contribute to teaching and learning at UBC? Does it have the potential to advance our knowledge of teaching and learning in higher education?
2. **Novelty:** Is the project investigating a novel practice or context for the practice, which cannot already be found within the SoTL literature?
3. **Practicality:** Can the goals be accomplished within the designated time frame? Is the project plan provided able to accomplish the stated goals?

Adjudication Process and Timeline

1. Call for proposal closes (May 22)
2. Committee reviews proposals (early June)
3. Decisions made/communicated (mid-June)
4. Kickoff meeting (late June/early July)

Questions?

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