Creating a Road Map for Educational Scholarship

Presenters
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http://www.ucsfcme.com/MedEd21c/

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Disclosures

- None
Learning Objectives

At the end of this workshop, you will be able to:

- Compare one’s habits and strategies for bringing education scholarship to the “finish line” with those of successful scholars.
- Identify one’s “limiting habits” thwarting education scholarship and strategies to circumvent them.
- Develop a personalized plan for a scholarly submission to be presented at a future meeting.
Workshop Agenda

- Introductions
- Review dissemination exemplars
- Discuss obstacles
- Work with conceptual frameworks
- Complete a strategic plan
- Wrap up and commitment
Dissemination Examples

- Consider options across five roles of an educator
  - Teacher
  - Curriculum developer
  - Assessor
  - Advisor/Mentor
  - Leader
Obstacles to Scholarship

- Identify obstacles in large group
- In small group complete this table

<table>
<thead>
<tr>
<th>Obstacle</th>
<th>Strategy</th>
<th>Institutional/Personal</th>
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Conceptual Framework & Theories

- What are they?
- What difference do they make?
Applying a theoretical framework to solve an educational problem

The cardiothoracic residency program director is unhappy with the skills level of residents in the operating room. The residents are taking too long to operate and are making too many mistakes. She has asked you to propose some solutions, keeping in mind that her department has already invested in simulation training.

- **Describe an intervention that is guided by a theoretical framework** (see Learning Theory Map [Learning Theories](#))

- **Describe how you will determine if the intervention is successful. What outcomes will you measure or observe?**

Choose a Learning Theory Option

- Experiential Learning
  - Knowledge constantly gained through experiences
    - Reflect on experience
    - Use analytical skills to conceptualize the experience
    - Make decisions and solve problems using ideas from experience

- Situated learning
  - Learning is a social process
    - Co-constructed
    - Situated in a specific context and within a particular social and physical environment

Use Worksheet: Applying a theoretical framework
<table>
<thead>
<tr>
<th>Question</th>
<th>Strategy</th>
<th>Response/Activity</th>
<th>Due Date</th>
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<tbody>
<tr>
<td>What literature have you read?</td>
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<tr>
<td>What is your conceptual framework?</td>
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<td>What is your research question?</td>
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<td>What is your design?</td>
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<td>Who are your subjects?</td>
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<td>What is the setting?</td>
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<td>What is the intervention? (if you have one)</td>
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<td>How are you measuring your variables?</td>
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<td>Have you piloted/checked measurement quality?</td>
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<td>What are your procedures given in detail so that they can be replicated?</td>
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<td>What quantitative /qualitative analyses are you using?</td>
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<td>Did you get IRB approval?</td>
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<td>Conduct the study</td>
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<td>What are your results?</td>
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<td>What lessons were learned?</td>
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<td>Have you had your draft peer reviewed by other than co-authors?</td>
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**Roadmap Worksheet**
Fill in your Passport: Moving along your roadmap

- What three “good habits” and tips are particularly appealing: to you?
- What part of your strategic plan do you see as the largest hurdle?
- How can you work around this hurdle?
- On a scale from 1 (very unlikely) - 10 (very likely), how likely will you use your personal strategic plan to keep your personal strategic plan on track?
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