



University of California
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Creating a Road Map for Educational Scholarship

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Uijtdehaage S, Kalishman S, O'Sullivan P, Robins L. How to succeed as a medical education scholar: identifying your individual strategy and creating a roadmap for scholarship. *MedEdPORTAL*. 2013;9:9472. <https://doi.org/10.15766/mep.2374-8265.9472>

<http://www.ucsfcmecme.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

Obstacle	Strategy	Institutional/ Personal

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?**

Resource: Bordage G. Conceptual frameworks to illuminate and magnify. *Medical Education* 2009; 43: 312–319

Choose a Learning Theory Option

Situated Learning

- Learning occurs through participation in everyday practices
 - Observing and talking with others members of a community of practice
 - Gaining legitimacy by completing tasks with progressively more responsibility

Deliberate Practice

- Attainment of expertise is achieved through deliberate effort, not just experience
 - Occurs in small chunks and is time-limited
 - Followed by feedback (self-reflection or from outside source)
 - Requires motivation

Use Worksheet: Applying a theoretical framework

Question	Strategy	Response/Activity	Due Date
What literature have you read?			
What is your conceptual framework?			
What is your research question?	Roadmap Worksheet		
What is your design?			
Who are your subjects?			
What is the setting?			
What is the intervention? (if you have one)			
How are you measuring your variables?			
Have you piloted/checked measurement quality?			
What are your procedures given in detail so that they can be replicated?			
What quantitative /qualitative analyses are you using?			
Did you get IRB approval?			
Conduct the study			
What are your results?			
What lessons were learned?			
Have you had your draft peer reviewed by other than co-authors?			

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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