Aligning Research and Education with Departmental Goals

Kimberly Brown, MD, FACS
Associate Chair of Education
Dell Medical School at the University of Texas
Disclosures

• No disclosures
Major Take Home Points

- Spend A LOT of time planning
- Clarify priorities and goals of all stakeholders
- Thorough literature review
- Think like a grant
Planning

• Carefully consider your own goal(s)
  – Abstract for a particular meeting?
  – Thesis/dissertation?
  – Pilot data for future grant submission?
  – Project for a student or resident mentee?
  – Response to a particular funding opportunity?

• Timeline

• Resources
  – Collaboration outside Department or even School
    • i.e. Ed Psych, Business School, Leadership
Goals of Your Institution

• Explore and understand Departmental Goals
  – Not just “what” but “WHY”
• Read website, interview stakeholders:
  – Chair, Division Chief, Program Director, Clerkship Director, Dean(s)
• Understand compensation model and promotion criteria
• Look at Accreditation criteria, your institution’s weaknesses
Examples of Education “Problems”

• How do we teach “X” better?
  • Technical skills, shared decision-making conversation
  • Curriculum design/innovation with outcomes study

• How does “Y” educational activity improve “Z” patient outcome?
  • Teamwork training, performance data delivery
Examples of Education “Problems”

• (How) can we improve (some aspect of) the culture of our learning environment?
• How can we apply learning science principles to UME/GME?
  – i.e. spaced retrieval practice, interleaving
• How can we apply selection science to improve efficiency and efficacy of GME recruitment?
• How can we provide residents with data on their practice habits or outcomes?
• How can we improve feedback to trainees?
Think Like a Grant

• Write a specific aims page
  – Google it if you haven’t done it before
• Don’t do anything else until this is perfect
• Seriously
• Get lots of input on your specific aims page
• Write a review article on your topic
  – Bonus publication!
Thank you