Aligning Research and Education with Departmental Goals

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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

THE CURRICULUM DEVELOPMENT PROCESS

DESIGN — DEVELOP — IMPLEMENT — MONITOR — EVALUATE — REVIEW
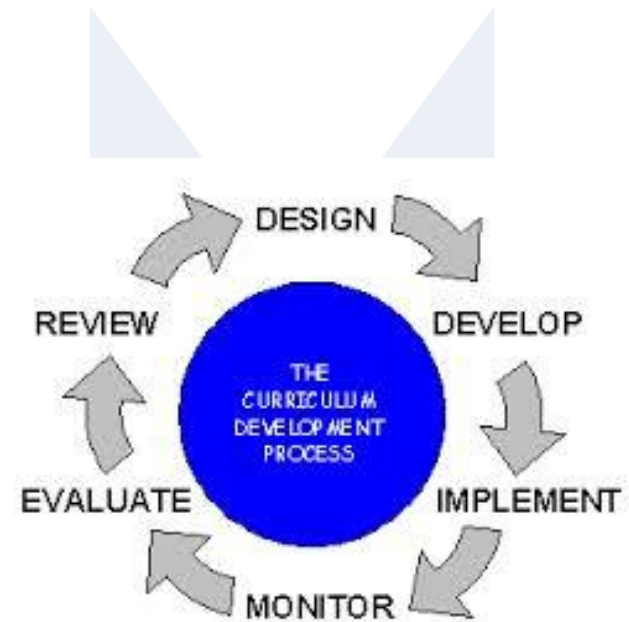
Examples of Education "Problems"

- (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!