Career Path Resources for Medical Educators

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Roles of the Medical Educator

- Teaching
- Research
- Patient care
- Administration
- Service

Roles of the Medical Educator


Definition of Teaching

“Teaching is the design and implementation of activities to promote learning.”


Scholarly Teaching

1. Collect feedback data about teaching
   - From peers & learners
   - Include opinions and outcomes

2. Use feedback to improve teaching

3. Consult literature to design instruction
   - Content literature
   - Educational literature

4. Apply intervention designed to enhance learning

Scholarship of Teaching\(^4\)

Definition: Turning your teaching into a tangible product that can be:

1. Peer reviewed
2. Publically disseminated for others to learn from and build upon
3. Used to advance the field


Teaching, Scholarly Teaching or Scholarship of Teaching

Case 1: Isaiah Procter, MD: Teaches physical examination and diagnosis (PE&D) portion of the required Med 3 Internal Medicine Clerkship.

Case 2: Kelley Bronson, PhD: Teaches renal and respiratory physiology to medical students.

Case 3: Reza D. Rufe, MD: Course director for a selective clerkship on chronic care.

Case 4: Martin Krampf, DDS: Teaches a course to senior dental students.

Case 5: Alex Reinker, PhD: Teaches basic science concepts to medical students about the cardiovascular system.

Case 6: Lillian Biscotti, MD: Teaches orthopaedic residents.
Resources for Scholarly Teaching

**Library Search Engines**

- Education Literature-Articles:
  - ERIC
  - Education Research Complete,
  - PsycInfo
- Education Assessment:
  - Mental Measurement Yearbook
  - Tests in Print

3 http://library.ohio-state.edu/search/m?SEARCH=Education

Resources for Scholarly Teaching

**Association for Medical Education in Europe**


- Teachers and Learners can join just the MedEdWorld portion of AMEE which provides access to many on-line education learning materials. Cost for individual is about $31 per year. http://www.medworld.org/

**BEME**

Best Evidence Medical Education Guides
- Meta-Analytic Summaries of the literature on various medical education topics. Cost per guide varies. http://www2.warwick.ac.uk/fac/med/beme/

**MedEdPORTAL**
- Repository for educational materials. Cost is free. https://www.mededportal.org/

**MERLOT**

Resources for Scholarship of Teaching

**Organizations**

- GEA: Group on Educational Affairs
  - Regions: Central GEA
  - Sections: UGME, GME, CME and RME

- American Educational Research Association
  - SIGs: Special Interest Groups
  - Divisions A-L: (I is Education in the Professions)
  - Regional: Mid-Western Educational Research Association

Resources for Scholarship of Teaching

**Print Journals**

- *Academic Medicine* (AAMC, IF=2.60)
- *Medical Education* (ASME, IF=2.50)
- *Teaching & Learning in Medicine* (US, IF=0.70)
- *The Clinical Teacher* (ASME)
- *Medical Teacher* (AMEE, IF=1.23)

**On-Line Journals**

- International Journal of Medical Education
  - http://www.jme.net/
- Medical Education On-Line
  - http://med-ed-online.net
- Advances in Medical Education & Practice
- Journal of the International Association of Medical Educators (JIAME)

3 http://library.ohio-state.edu/search/m?SEARCH=Education
Resources for Scholarship of Teaching

Professional Development

• Certificate programs
  – Faculty Teaching Scholars Certificate Program
  – Harvard Macy
  – CGEA MERC Program

• Masters Degree in Education
  – University of Illinois-Chicago
  – University of Cincinnati Children’s Hospital