Disseminating Your Educational Work to get Promoted

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• “When teaching moves beyond intuition and personal experience to incorporate best available evidence, it can be referred to as scholarly”
What is Educational Scholarship?

• making digital slide presentations with lots of animations and sound effects?
• holding conferences using new technology?
• making a website for students?
• teaching a course with high ratings by students?
What is Education Scholarship?

- should be structured in a way that is analogous to other types of research
  - hypothesis driven
  - measurable outcomes
  - demonstration of improvement
EM does annual review of education research publications

- excludes purely descriptive papers, 6th year
- for 2013, 43 met criteria for inclusion (of 251)
- 37 were quantitative and 6 qualitative
- 9 were experimental, 28 were observational
- 7 (16%) were exemplary in design

MedEdPortal

• venue for peer-reviewed submission of educational projects for dissemination
• www.medeporal.org
Peer Reviewed Publications

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Healthcare Disparities
This course is designed to increase awareness about racial and ethnic disparities across the spectrum of healthcare services, and examine the use of patient-centered communication skills to minimize these disparities.
other venues

- Academic Medicine
- Advances in Health Sciences Educational Theory and Practice
- BMC Medical Education
- Journal of Graduate Medical Education
- Medical Education
- Medical Teacher
- Teaching and Learning in Medicine
Beyond description

• EXPERIMENTAL educational research
• more challenging to design and complete than traditional research
• commonest design is pre-text/post-test
• MANY limitations—incapability to blind, contamination of control groups, lack of baseline data, poor testing methods, lack of long-term followup
levels of evaluation

- reaction (how much does learner like the approach)
- knowledge (how much did they learn immediately)
- application (do they use what they have learned)
- outcomes (does their learning affect patient care)
special issues in EDUCATION research

• lack of truly meaningful outcomes
  – long-term knowledge should be evaluated rather than short-term memorization
  – ability to apply knowledge is more important than fact regurgitation
  – ultimate outcomes are more difficult to assess and may involve job success, clinical effectiveness (patient outcomes!)
Other forms of Educational Scholarship

• websites
  – consider including in CV, if used outside BMC/BUSM
  – provide data for extent of dissemination: hit rates, reviews, listing of who is using
Other forms of Educational Scholarship

• Educational guidelines
  – shows national reputation
  – push to publish, or disseminate via national organizations
  – need to document IMPACT
Other forms of Educational Scholarship

• Curricula
  – must be used outside home institution
  – similar to website, document who is using, reviews or comments from teachers or learners
Other forms of Educational Scholarship

• Question writing for national tests
  – must be used outside home institution
  – similar to website, document who is using, extent of involvement
How to best display your Educational Scholarship in your CV

• BE CREATIVE!
  – Start with CV template
  – Add new categories as needed
  – Add tables, other ways to organize and document
‘Innovation Table’

• If you are doing innovative teaching, consider emphasizing it by adding an Innovation Table

• Put in whichever section makes the most sense for your particular situation
  
  – Consider columns like ‘type of learner’, ‘number of participants’, ‘description of innovation’, ‘reviews/comments’
BUSM does not use a Teaching Portfolio

• However many schools do, and there are many examples online
• Consider looking at them for ideas of other types of educational information to include
• Try to summarize and keep it short, so it does not make your CV too long or confusing
• excellent and VERY complete examples:
Think about what you are MOST PROUD of...

- make sure this is emphasized in your CV
Conclusions

• Educational scholarship takes many forms
• Use the BUSM CV template as an initial framework
• Think about what you consider your most significant educational contributions outside BUSM, and be sure they are emphasized
• For non PubMed types of scholarship, be sure to include as much data in support of impact as you can
References


• Evaluating and writing education papers compared with noneducation papers. AM Kelly, *Acad Radiol* 2012;19:1100.
BMC Faculty Development and Diversity Seminar

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Some Lessons Learned

December 6, 2016

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Director, Clinical Addiction Research and Education Unit, BMC
Some Strategies That Helped Me Get Started...

• Go to national meetings/conferences
• Join interest groups, task forces, list serves
  – Collaborate with other doing education projects
  – Volunteer to lead a workshop, an update, a precourse
  – Evaluate the educational program (pre-post)
  – Present the evaluation as an abstract at a national meeting
  – Submit the education program description and evaluation as a manuscript
• Identify a mentor who can give you feedback on your curricula, evaluation tools, abstracts, papers
Make it Count More Than Twice...

**TEACHING EXPERIENCE AND RESPONSIBILITIES:**
- *Course Director and Faculty,* Chief Resident Immersion Training (CRIT) Program Addiction Medicine: Improving Clinical and Teaching Skills for Generalists Clinical Addiction Research and Education (CARE) Program, Section of General Internal Medicine

**CURRICULUM DEVELOPED:**
- *Addiction Medicine: Improving Clinical and Teaching Skills for Generalists* (Course Director), Chief Resident Immersion Training (CRIT) Program, Clinical Addiction Research and Education (CARE) Program [www.bumc.bu.edu/crit](http://www.bumc.bu.edu/crit) funded by NIDA

**ABSTRACTS PEER REVIEWED:**
- Alford DP, Bridden C, Samet JH. Promoting opioid risk management among generalist physicians. *Oral Presentation* – Association for Medical Education and Research in Substance Abuse (AMERSA) Bethesda, MD November 2009

**PEER REVIEWED ARTICLES**
Some Quotes I Find Helpful
taped to my office wall

• “The secret of getting ahead is getting started” (Mark Twain)

• “The perfect is the enemy of the good” (Voltaire)

• “It will not be easier tomorrow” (me)