Eight-module Information Skills Curriculum to Support ACGME Competencies

Doreen R. Bradley, MILS, Gurpreet K. Rana, MLIS, Monica L. Lypson, M.D., Stanley J. Hamstra, Ph.D
University of Michigan Health Sciences Libraries & Medical School

OBJECTIVES

•Library instruction in graduate medical education (GME) programs is uneven or absent

•Residency programs frequently overlook resources provided by their health sciences libraries (HSL)

•ACGME competencies create multiple opportunities to leverage librarian expertise to improve residency education

METHODOLOGY

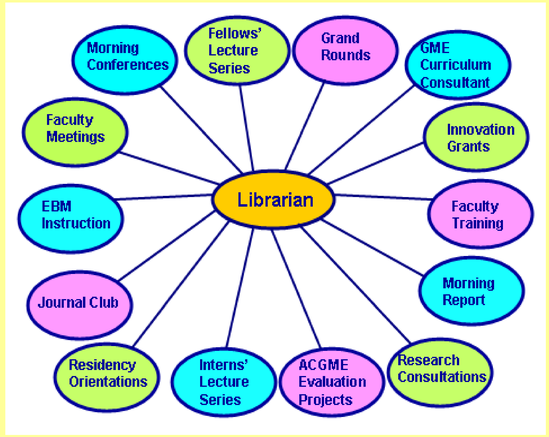
▪ HSL and the GME Office worked to develop a systematic, centralized approach to incorporate information skills

▪Develop a comprehensive 8-module information skills curriculum, constructed with the expertise of librarians and clinical faculty

▪Capitalize on each librarian's unique expertise and work in teams to develop consensus on module development

▪Map modules to specific ACGME competencies & learner level

▪Integrate librarian instruction into more programs by building upon successful existing collaborations



For further information:

Doreen R. Bradley, **dbradley@umich.edu**



EIGHT-MODULE INFORMATON SKILLS CURRICULUM

Practice-based Learning and Improvement:

Information Skills Curriculum for House Officer Education

MODULE 1: Practice-based Learning and Improvement Step 1: Essentials of Information Resources @ UM
Competencies: Practice-based Learning and Improvement, Communication, Professionalism

MODULE 2: Practice-based Learning and Improvement Step 2: Finding the Best Evidence
Competencies: Practice-based Learning and Improvement, Communication, Professionalism

MODULE 3: Practice-based Learning and Improvement: Training for the Clinical Experts
Audience: Faculty & Upper – Level Fellows (Typically Research Oriented)

MODULE 4: Managing the Fellow Research Requirement: Seeking the Information
Competencies: Practice-based Learning and Improvement, Communication, Systems-Based Practice

MODULE 5: Cultivating MEDLINE Expertise Using Practice-based Learning & Improvement
Competencies: Practice-based Learning and Improvement, Communication, Professionalism

MODULE 6: Communicating with Patients: What Information Do They Have and What Do You Need to Know?
Competencies: Practice-based Learning and Improvement, Communication, Professionalism, Systems-Based Practice

MODULE 7: Keeping Current and Getting Ahead
Competencies: Practice-based Learning and Improvement, Communication, Professionalism

MODULE 8: The Librarian as a GME Competency Consultant @ UM
Competencies: Patient Care, Practice-based Learning and Improvement, Systems Based Practice

RESULTS

FY 2007

- 526 residents and fellows exposed to librarian-led skills instruction
- 50 contact hours in 40 sessions
- Program directors buy-in for adoption in >84 programs
- Development of course evaluation tool
- Useful feedback from residents to improve the modules

RESIDENT FEEDBACK

Positive Responses:

"It was really nice to … help modify what I am already doing to improve my productivity."

"I'm a [intern]... I was wondering if you could help me with a search, since, aside from UpToDate, I'm incredibly ignorant of how to make use of the online resources available to me."

"Everyone commented to me how useful it was..."

"I hope to use some of your tips to make my research more efficient!"



NEXT STEPS

- Validate MEDLINE search assessment tool
- Conduct formal programmatic evaluation of the 8-module curriculum
- Develop tools to assess information seeking behavior
- Develop modular curricula for public health and basic sciences