Evidence Based Medicine Integration into Medicine Curriculum


Introduction:
Physicians must have the ability to find relevant information quickly and to critically assess the clinical relevance and validity of the biomedical literature. Librarians work with College of Medicine faculty to provide students the skills and knowledge for their future careers as physicians.

Themes of Librarian Involvement:
- Teaching – Librarians teaching within courses within the curriculum or acting as evaluators for student presentations
- Library Resources – Librarians linking students to information resources by creating library tutorials, embedding links within the course management system, and creating library guides focused on curricular topics or courses
- Curriculum Development – Librarians participating in course management, organizing curricular information, participating in curriculum committees
- Coaching – Librarians helping individual students with literature searches, proper citation of resources, and literature evaluation

Year 1: Introducing Evidence
- Teaching
- Prologue
- EBM I
- EBM II
- Community Experience
- Library Resources
- EBM I
- EBM II
- Community Experience
- Curriculum Development
- EBM I
- EBM II
- Coaching
- EBM I
- EBM II

Year 2: Building the Evidence Base
- Library Resources
  - Primary Ambulatory Care Experience
  - Interprofessional Group Project
- Coaching
  - Primary Ambulatory Care Experience
  - Interprofessional Group Project

Year 3 – Putting Evidence into Practice
- Teaching
  - Boot Camp (Clinical Prologue)
  - Family Medicine Clerkship
  - Coaching
    - Other clerkships

Year 4 – Preparing for Residency
- Library Resources
- Capstone
- Coaching
  - Family Medicine Research Elective

Residency
- Curriculum Development
  - EBM Workshop (R2)
  - Resident Research Day (R2 or R3)
- Coaching
  - Master Teacher Guild Chief Resident Workshop (R2)

Conclusions:
Faculty and librarians work together to effectively integrate EBM within the curriculum in ways that allow students to develop as critical thinkers and life-long learners. At NEOMED, librarians oversee the complex topic of evidence based medicine within the longitudinal curriculum by incorporating EBM topics in lectures, classroom activities, and assignments.