# Introducing Hardin Library for the Health Sciences

May 24, 2013

8:15am – 9:15am

## Objectives

By the end of the session students will:

* Use the Hardin Library web site and understand library services
* Find general medical information in electronic or print books
* Find clinical information using DynaMed, UptoDate and VisualDx

## Class Outline

### Hardin Library Web Site

* Connects you with e-books, e-journals, journal article databases and more…
  + Find the best resources to answer your questions
  + Get your questions answered by our reference department
  + Use Interlibrary Loan to request books or articles not owned at Iowa

### Finding Books

* Print
  + Learn to search the University of Iowa library catalog (InfoHawk) or SmartSearch for books
* Electronic Book Packages
  + AccessMedicine (for example)
    - Browse or Search to find content
    - Also includes Differential Diagnosis, Drugs, Images and Diagnostic Tests
  + Ebook Page <http://www.lib.uiowa.edu/hardin/ebooks>

**Hands-on Time/Discussion**

### Use an online medical dictionary to find the definition of *hemoptysis*.

* Find a book at Hardin Library about malnutrition.
* What are the most common side effects of Adderall? (try to find a drug monograph)
* Find an infectious disease textbook. What are some of the diagnostic features of the measles?

**Hands-on Time/Discussion**

### Use an online medical dictionary to find the definition of *hemoptysis*.

* Find the section in Harrison’s Principles of Internal Medicine discussing malnutrition. During assessment, what are two symptoms indicative of a high-risk patient?
* What is the brand name of the drug *sildenafil*? What is it used for?
* What are two established causes of cataracts in infants? Find your answer in either a pediatrics or ophthalmology textbook.

### Clinical Tools

* UpToDate
  + Offers summaries of current medical topics
  + Easy-to-read and navigate, but may not be best evidence for treatment
* DynaMed
  + Offers the best evidence for use at the point-of-care
  + Find evidence-based summaries of medical articles
  + Available for PDA
* VisualDx
  + Differential diagnosis tool
  + Includes over 900 conditions with visible presentations
  + More 16,000 images show variation in skin tone, severity and body location

**Hands-on Time/Discussion**

* A 57 y.o. man comes into the ER complaining of a chest pain. Use UptoDate to find a differential diagnosis. What different systems of the body may be responsible for chest pain? How likely is a musculoskeletal diagnosis in an emergency room visit versus a nonemergency visit?
  + What are some findings that indicate it might be an aortic dissection?
* You are seeing a 3 y.o. boy with an uncomplicated ear infection (acute otitis media) in Pediatrics clinic. He has had symptoms for three days. He is currently on no medications. Use Dynamed to answer the following questions.
  + - Should antibiotics be started? If so, which one?
    - What common pain medications are effective?
    - Would antihistamines or decongestants help?
* An 85 y.o. women comes into the office complaining of a “pus-filled bumps” (flaccid bullae) on her arms and legs. She complains of fever and is hypertensive. According to VisualDx, which diagnosis most closely matches her symptoms?

**Hands-on Time/Discussion**

* A 57 y.o. man comes into the ER complaining of a chest pain. Use UptoDate to find a differential diagnosis. What systems of the body may be responsible for chest pain? How likely is a musculoskeletal diagnosis?
* When giving the same patient a physical examination, you see a difference in blood pressures between the two arms. What diagnosis might that indicate?
* You are seeing a 3 y.o. boy with an uncomplicated ear infection in Pediatrics clinic. He has had symptoms for three days. He is currently on no medications.
  + - Should antibiotics be started? If so, which one?
    - What common pain medications are effective?
    - Would antihistamines or decongestants help?
* An 85 y.o. women comes into the office complaining of a “pus-filled bumps” on her arms and legs. She complains of fever and has a history of hypertension. According to VisualDx, which diagnosis most closely matches her symptoms?

### Questions?