

UNIVERSITY OF FLORIDA HEALTH SCIENCE CENTER/JACKSONVILLE
Office of Educational Affairs

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THE VIRTUAL LIBRARY LEARNING CENTER
UNIVERSITY OF FLORIDA HEALTH SCIENCE CENTER, JACKSONVILLE

The Virtual Library Learning Center is a computer-teaching lab located in proximity to the Residents' Call Quarters. It has been designed as a location to teach effective use of electronic resources available through the Internet. This includes bibliographic databases, electronic journals and textbooks that can be accessed from clinical settings and other locations remote from the traditional library.

The Borland Library professional staff will use this teaching lab to instruct residents, faculty and other staff in information literacy skills needed to make the best use of these electronic resources.

VIRTUAL LIBRARY TRAINING

As part of its ongoing efforts to support the Programs in meeting ACGME competencies requirements, the Institution in conjunction with the Borland Library, have established a Virtual Library Training curriculum. This curriculum provides hands-on instructions for the electronic resources available, in addition to PubMed features and advanced search capabilities.

Virtual Library Training consists of two courses that all new Residents and Fellows must complete within 18 months: Electronic Databases and PubMed. Upper level Residents and Fellows are encouraged to take refresher courses during their residency as systems, technology and resources do change.

Programs must schedule all Virtual Library Training sessions through the Borland Library by contacting Sandra Canham at 244-3240.

Program Directors are responsible for insuring that all new Residents and Fellows receive, at a minimum, the mandatory two courses. The Office of Educational Affairs will monitor for compliance.

If a Program accomplishes this training through sources other than the Borland Library, the topics and dates of the sessions must be forwarded to the Office of Educational Affairs, along with attendance rosters.

CURRICULUM

1. Electronic Resources Class

This is an introductory class into the electronic resources available to University of Florida faculty, staff, and students. This course is considered a pre-requisite to all other classes.

- Demonstrate the ability to access electronic resources on and off campus (i.e. proxy)
- Retrieve full-text online journals using the online catalog, electronic journal web page, and the Linkout feature of PubMed
- Identify specific health related databases
- Discover how to find systematic reviews using the Cochrane Library, which includes the Cochrane Database of Systematic Reviews, the ACP Journal Club and the Database of Abstracts of Reviews of Effectiveness

2. PubMed

This is the National Library of Medicine's primary interface with NLM databases, and links to many full-text journals. It is available on the Internet, without a password and therefore an excellent tool for use in clinical settings and at home.

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We will emphasize this means of searching MEDLINE. It is highly recommended for all residents and faculty, since it has many unique features and broad subject coverage.

Students will be introduced to the basics of PubMed with emphasis on:

- Proper use of Medical Subject Heading (MeSH) terms along with corresponding subheadings
- Learn about research methodology filters that will assist you in locating high quality articles on diagnosis, therapy, etiology, and prognosis as well as how to find systematic review articles in the Clinical Queries feature of PubMed
- Citation Matcher, which enables you to quickly verify citations with missing/incorrect information
- Journal Database, which provides the full title of a journal or a MEDLINE journal title abbreviation

3. Other subject specific classes are available upon request. They include

- **Alternative Resources**
Information on complementary and alternative therapies in MEDLINE and top Internet resources in the field
- **Current Contents Connect**
Indexes articles and tables of contents from journals and books
- **Genetics Resources for Clinicians**
(Dr. Michele Tennant, a UFHSC librarian, is available to teach class materials, which include NCBI's Information Hubs: Entrez (including GenBank), RefSeq & LocusLink and NCBI Structure)
- **Journal Citation Reports**
Learn search strategies to JCR Web, which provides easy access to data that helps you, evaluate and compare scholarly journals.
- **Searching the NLM Gateway**
A single Web interface that searches multiple NLM retrieval systems
- **Statistical Resources**
Covers databases such as Statistical Universe, TableBase and FactSearch and introduces several print sources available from the library.
- **Web of Science**
Determine what sources were used in writing a given article and what subsequent publications cited that particular article. Find related articles that cite several of the same references in their bibliographies.