

## HST 721 Electronic Resources

### **PubMed** <http://www.ncbi.nlm.nih.gov/PubMed/>

You should become familiar with the PubMed information system provided by the National Library of Medicine. This is a fundamental tool for anyone studying or working in biomedical science. PubMed allows free searching and downloading of bibliographic data on biomedical publications dating back to 1966 (often including abstracts of papers). It also provides:

- systematic categorization of the topics of papers ("MESH," for "Medical Subject Headings")
- sophisticated filtering and selection of publications by author, date, journal, type of publication
- links to background reading on topics of articles (on-line selections from "The Molecular Biology of the Cell" by Alberts et al!)
- links to on-line electronic journals
- automatically generated links to related papers
- links to sequences and 3-D structures of related nucleic acids and proteins
- links to genetic maps and genome databases

Learn to use the "Preview/Index" search mode in PubMed: you will be able to select a manageable number of references (from the 11 million available) a lot more quickly than with simple searches.

### **Virtual 3-D Model of the Auditory Periphery:**

<http://epl.meei.harvard.edu/~hwang/3Dviewer/3Dviewer.html>

Created by EPL personnel, this rotatable, 3-D model with controllable transparency of a variety of structures within the external, middle and inner ears is a good way to learn the overall structure of the peripheral auditory system. Downloadable files include applet for viewing of the model on MacOS, Windows or Linux platforms.

### **Virtual Anatomy Tours**

<http://www.iurc.montp.inserm.fr/cric/audition/english/start.htm>

<http://www.vimm.it/cochlea/index.htm>

<http://library.gallaudet.edu/dr/faq-etiol.html>

<http://oto.wustl.edu/cochlea/>

<http://www.neurophys.wisc.edu/aud/>

### **ARO:** <http://www.aro.org>

The Association for Research in Otolaryngology is the professional organization most closely associated with basic research in hearing. This site links to the electronic versions of the official journal of the Association, the JARO, and to abstracts of presentations made at the annual meetings of the Association.