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NEWS FROM THE SCIENCE INFORMATION CENTER
HEALTH SCIENCES EDITION

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Health Education Assets Library: A Useful New Tool for Biology and Biochemistry Education

The Health Education Assets Library (HEAL) National Digital Collection is a collaboration among medical schools and health sciences libraries that provides freely available digital content that can be used for educational purposes under the Creative Commons license. It has been funded jointly by the National Science Foundation and the National Library of Medicine. Though its primary focus is on medical education, many of the resources contained within the database could be useful to biology or biochemistry students. Its mission is stated as "to provide free digital resources of the highest quality that meet the needs of today's health sciences educators and learners. HEAL promotes the preservation and exchange of useful educational assets while respecting ownership and privacy."

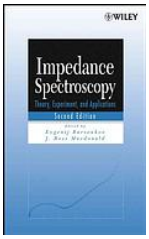
Formats of these resources include video clips, images, presentations, pdf documents and more. Some require the use of Flash. A relatively small percentage of the resources have been peer-reviewed, but the review process is ongoing, and the status of review is clearly stated with each resource. Searching by keyword and browsing of resources by MeSH terms or affiliate collection are offered.

Registration is required for use, but it is free. Information about HEAL is available from the Web site at **http://www.healcentral.org/**, with a brief overview available at their HEAL at-a-glance page at **http://www.healcentral.org/about/HEAL_at_a_Glance.pdf**.

Examples of resources that look promising for biology/biochemistry courses:

*Transcription
*Sympathetic preganglionic and postganglionic synapse
*Role of calcium in muscle contraction
*Nucleotide structure
*Compartmentalization and regulation
*Steroid synthesis
*Acetyl CoA metabolism
*Many histological and hematology slides and images of manifestations of infection.

New Science Books at Helmke Library



Barsoukov, Evgenij. **Impedance spectroscopy : theory, experiment, and applications.** Wiley-Interscience, 2005. (Stacks QD116.I57 I47 2005)

New edition of the 1987 classic text *Impedance Spectroscopy: Emphasizing Solid Materials and Systems*.

Balci, Metin. **Basic ^{1}H- and ^{13}C-NMR spectroscopy.** Elsevier, 2005. (Stacks QD96 .N8 B35 2005)

The author of this book aims to write at a level that can be understood by undergraduates but still useful to graduate level researchers. Also includes many spectra and illustrations to aid comprehension.

Stephanie Schulte, Reference & Information Services Librarian
Liaison to Biology, Chemistry, Nursing, Dental Education and Consumer & Family Sciences
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