

Basic Resources for Biomedical Engineering

CAMEO—Library's Catalog on our home page: <http://search.library.cmu.edu>

On Library homepage under Articles & Databases: "Databases A-Z" link:

- *Access Science—Encyclopedia of Science & Technology online
Research updates, Features: "Medicine" heading
 - *Credo Reference —medical dictionaries/encyclopedia entries
 - *Kirk-Othmer Encyclopedia of Chemical Technology
—"hot" topics in applied chemical science, including biotechnology
-

At the Engineering & Science Library:

- *Annual Review of Biomedical Engineering Find under this no.: R856 .A1A573
Check "Databases A-Z" link for Annual Reviews online database
 - *Critical Reviews in Biomedical Engineering Find alphabetically by title
 - *Encyclopedia of Biomaterials and Biomedical Engineering, 2nd ed.
R857 .M3E53 2008, 4 volumes, found in the Reference Books area
-

PubMed & MEDLINE

- *What's the Difference Between MEDLINE and PubMed?
http://www.nlm.nih.gov/pubs/factsheets/dif_med_pub.html
- *PubMed and Medical Subject Headings—(MeSH) tutorials
<http://www.nlm.nih.gov/bsd/disted/pubmed.html>
- *NCBI—National Center for Biotechnology Information
All Databases: <http://www.ncbi.nlm.nih.gov/sites/gquery> -- includes online books

MEDLINE access at Carnegie Mellon – Articles & Databases

- via **PubMed**
- FirstSearch** databases: "List All Databases" to combine any with MEDLINE
- ISI Web of Knowledge** databases
- Scifinder Scholar:** MEDLINE included in CA-Chemical Abstracts database
- via **MetaLib:** Use Custom search to search MEDLINE along with other databases

*Select online resources and databases
Biomedical Engineering*

BioMed Central <http://www.biomedcentral.com/>

Open access to peer-reviewed biomedical research

BioMedical Engineering Online

<http://www.biomedical-engineering-online.com/home/>

An open access, peer-reviewed, online journal

Google Scholar <http://scholar.google.com/>

Try the Advanced Scholar Search. Look for “Carnegie Mellon Links”

Health Sciences Library System – University of Pittsburgh & UPMC

<http://www.hsls.pitt.edu/> -- Quick links to medical resources

JAMA Journal of the American Medical Association

Print issues available. Most recent issues available online at 1 public computer in each library location: Engineering & Science Library, Hunt Library, and Mellon Institute Library

Mayo Clinic Clinical Trials <http://clinicaltrials.mayo.edu/>

Current studies for particular conditions/diseases

National Library of Medicine <http://www.nlm.nih.gov/biomedical.html>

Biomedical Research & Information guide

New England Journal of Medicine

Print issues available. Most recent issues available online at 1 public computer in each library location: Engineering & Science Library, Hunt Library, and Mellon Institute Library

PubMed Central <http://www.pubmedcentral.nih.gov/>

NIH free digital archive of biomedical and life sciences journal literature

Testing & Education Reference Center listed under “Databases A-Z” link

Register as a new user. Includes MCAT and other graduate online practice tests.

USPTO – United States Patent and Trademark Office: search patent databases --

Try also **Google Patents**

With the Patent Number, use <http://www.pat2pdf.org/> to get the pdf.

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