

Science Libraries Information Guide for Biomedical Engineering/Surgery for Engineers

Current Research help page:

http://search.library.cmu.edu/rooms/portal/page/21336_Biomedical_Engineering

Current Library Homepage: <http://search.library.cmu.edu>

Collections:

At the *Engineering & Science Library* (4400 Wean Hall) you will find materials in the engineering fields of Biomedical, Chemical, Civil and Environmental, Electrical and Mechanical. In the sciences: Computer Science, Materials Science, Mathematics, Physics, and Robotics, as well as general science and engineering.

Biology and Chemistry materials are held: *Mellon Institute Library* (4400 Fifth Ave., 4th fl.).

Library Services:

→ **Printing**

Swipe your Carnegie Mellon ID at the printer release station to release your job to the printer.

→ **Photocopiers** (\$.10/page) **and Scanners** (free) – Available at all libraries

→ **Journals** – can be checked out for 24 hrs.

→ **Book Loan Period**

Undergraduates: 30 days - 50 books - 1 renewal per book
(a book may be recalled after 1 week).

→ **Renew your book**

“[My Library Account](#)” to renew items

→ **Interlibrary Loan** - “[Library Services](#)”

Need materials that Carnegie Mellon does not own?

- ILLiad: Request Items; track your requests; renew your loans
- EZ-Borrow: Search online & get *books*

→ **Local libraries you can borrow from (in person)**

[The Carnegie Library of Pittsburgh](#)

- With your Carnegie Mellon ID and proof of local residence, go to Main Branch (Oakland) for a library card.

[The University of Pittsburgh Library System](#)

- With your Carnegie Mellon ID and proof of current registration, go to the Hillman Library Lending Desk, lower level for a library card.

At Hillman Library, you can also use the University of Pittsburgh’s electronic databases and journals ONLY when you ask for a guest account at their Reference/Information desk. This allows for in-person access to their public computers, including access to Health Sciences Library System journals.

Hint: Take a flash drive—no printing.

→ **Databases of Interest**

Under [Articles & Databases](#):

[MetaLib](#) (multiple database search)

- **Academic OneFile** 35 million peer-reviewed full-text articles— with listening capability—have the article read TO you!
- **Compendex** (Engineering Index) can also search with **Inspec** database
The most comprehensive interdisciplinary engineering database in the world – goes back to 1884!
- **Knovel** - Includes over 1800 full-text reference texts, manuals, & handbooks (Titles A-Z) such as: *Medical Imaging Systems Technology*.
- **Materials Research Database with METADEX**
Content on materials science, metallurgy, ceramics, polymers, and composites used in engineering application.
- **PubMed** - free search engine to biomedical literature/MEDLINE
- **SciFinder Scholar** – Chemical Abstracts
Search by research topic, author name, structure/substructure, chemical name/CAS Registry No & reaction query.
- **Web of Science** - Science Citation Index Expanded 1899 to the present featuring: *Cited Reference Search*
Under **ISI Web of Knowledge**, you can also access *Journal Citation Reports*

HINT: Track new articles in your subject as they are published via **RSS Feeds**.

Off-Campus/Wireless Access ... see link on Library's home page

→ **Try these search engines**

- **Scirus** www.scirus.com
- **Clusty** <http://clusty.com/>
- **OmniMedicalSearch.com** <http://omnimedicalsearch.com/>

ASK a LIBRARIAN:

<http://search.library.cmu.edu/rooms/portal/page/22863> **Ask Andy**

*****NEW feature for spring 2010 semester: Can now IM or send us a text message!**

Donna Beck
Engineering Librarian

Phone: 412-268-7213
donnab@andrew.cmu.edu