

Science Libraries Information Guide for Biomedical Engineering Graduate Students

Current Research help page:

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

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

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.).

Survival Basics:

→ **Printing**

Use your valid campus ID or purchase a Plaid Ca\$h debit card. Swipe your card at the printer release station to release your job to the printer.

→ **Photocopiers and Scanners** – Available at all libraries

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

→ **Book Loan Period**

Grad students: 90 days - 100 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 I.D. card and proof of local residence, go to Main Branch (Oakland) for a library card.

[The University of Pittsburgh Library System](#)

- With your Carnegie Mellon I.D., 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 University of Pittsburgh’s electronic databases and journals ONLY when you ask for a guest account at their reference desk. This allows in person access to their public computers.

→ **Databases of Interest**

Under [Articles & Databases](#)

Databases by Name

http://search.library.cmu.edu/rooms/portal/page/22922_Databases_A_Z

Databases by Subject

http://search.library.cmu.edu/rooms/portal/page/22923_Databases_by_Subject

- **Compendex** (Engineering Index)
The most comprehensive interdisciplinary engineering database in the world – goes back to 1884!
- **PubMed**
PubMed is a service of the U.S. National Library of Medicine & the National Institutes of Health that includes MEDLINE citations and other life science journals for biomedical articles back to the 1950s.
PubMed includes links to many full text articles and other related resources.
For open access to biomedical journal literature:
 - **PubMed Central**
<http://www.pubmedcentral.nih.gov/>
 - **BioMed Central**
<http://www.biomedcentral.com/>
- **SciFinder Scholar**
Interface to scientific information from Chemical Abstracts. Allows you to search by research topic, author name, structure and substructure, chemical name or CAS Registry Number, company/name organization, browse the table of contents in journals, and reaction query.
- **Web of Science** 1945- to the present
A multidisciplinary database, with searchable author abstracts, covering the literature of the sciences, social sciences and the arts & humanities, featuring Cited Reference searching.
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**. Create feeds based on searches in Web of Science, EI Compendex, and PubMed.

→ **Recommended search engines**

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