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

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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.).

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**
>> Undergrad students: 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 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) can also search with Inspec database
  The most comprehensive interdisciplinary engineering
  database in the world – goes back to 1884!

- **Knovel** - Includes over 1500 full-text reference titles, manuals,
  handbooks, and texts such as: The Merck Index

- **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   -** includes *Science Citation Index*,
  literature of the sciences going back to 1945,
  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**.

<u>Off Campus/Wireless Access</u>
see link on Library's home page

→ Recommended search engines
· **Scirus** www.scirus.com   · **Clusty** http://clusty.com/
· **OmniMedicalSearch.com** http://omnimedicalsearch.com/

<u>ASK a LIBRARIAN</u>:
http://search.library.cmu.edu/rooms/portal/page/22863_Ask_Andy

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