



10 Things for Physical Sciences and Engineering Grad Students to Know

Science & Engineering Library: <http://scilib.ucsd.edu>

1. How to search the literature – which Article Databases are best for journal articles and conference papers in your field? Find the databases below at <http://scilib.ucsd.edu/goto/sedatabases.html> .

Physics	Search Inspec, Web of Science, SPIN, SLAC/SPIRES, Astrophysics Data System
Bioengineering	Search PubMed, Biosis, Inspec, Web of Science, SciFinder Scholar
Engineering	Search Web of Science, Inspec, Compendex, Metadex, EMA, EEA, SciFinder Scholar, PubMed, ACM Digital Library, IEEE Explore, AST-Full Text, Biosis, MathSciNet and many more
Chemistry/Biochemistry	Search SciFinder Scholar, Web of Science, PubMed, Beilstein, Compendex, Inspec, etc.
Materials Science	Search SciFinder Scholar, Web of Science, Compendex, PubMed, Inspec, Gmelin, etc.

2. How to find papers that cite a key reference
Use **Web of Science** to do a cited reference search
3. How to keep current with newly published research
Set up **alerts** in Article Databases to have new citations emailed to you automatically
<http://scilib.ucsd.edu/refshelf/ealert.html>
4. How to locate e-journals
Click on **E-Journals by Title and Subject** on the S&E website
5. How to locate books, journals & conference proceedings
Use **Melvyl** or **Roger** to locate materials
Create a **PIN** to check the status and renew books on the web:
<http://roger.ucsd.edu/patroninfo~S9>
6. How to get books and articles the Library doesn't own
Find out about **Interlibrary Loan, Avanti** <http://libraries.ucsd.edu/services/ill-dds/>
UC-eLinks <http://libraries.ucsd.edu/services/getstarted/articles4.html>
and **Circuit** <http://circuit.sdsu.edu/>
7. How to access the Library's electronic resources when you're off campus
Use the **UCSD Web Proxy Server**:
<http://www-no.ucsd.edu/documentation/squid/index.html>
8. How to keep track of the references you've located
Use bibliographic management software such as **EndNote** or **RefWorks** to manage and automatically format references for papers and theses
<http://libraries.ucsd.edu/services/bibsoftware/>
9. How to find out about **workshops** at the Library
Find a list at: <http://scilib.ucsd.edu/howto/class.html>
10. How to get **help**
phone: 858-534-3258 Ask a Librarian : <http://scilib.ucsd.edu/forms/eref.html>