

Announcements

- ❖ Check class announcements daily
- ❖ You must implement programming projects by yourself

Technologies for Research

- ❖ Library Catalogs

- ❖ Lower Shore Library Consortium

- ❖ <http://heron.wico.lib.md.us/>

- ❖ Searching is possible by keyword, title, author, subject

- ❖ UMD Libraries

- ❖ <http://www.lib.umd.edu/>

- ❖ <http://umaryland.worldcat.org/> → Allows you to search libraries worldwide, UMD & partners, UMCP

- ❖ <http://researchport.umd.edu/func=databases> → Allows you to search by subject category and by database name

- ❖ <http://www.lib.umd.edu/digital/> → Digitized materials from the collections of the University of Maryland

Technologies for Research

❖ Scientific Databases

- ❖ <http://www.scicentral.com/Y-databa.html>
- ❖ <http://www.nist.gov/srd/index.htm>
- ❖ <http://www.sc.edu/library/science/scisdbdb.html>

❖ Book Searches

- ❖ <http://books.google.com/>
- ❖ <http://www.abebooks.com/>
- ❖ Amazon's Search Inside books
- ❖ Safari Books Online - <http://proquest.safaribooksonline.com/>
- ❖ The Online Books Page
 - ❖ <http://onlinebooks.library.upenn.edu/lists.html>
- ❖ Project Gutenberg
 - ❖ http://www.gutenberg.org/wiki/Main_Page
- ❖ Other
 - ❖ http://educhoices.org/articles/Online_Libraries_-_25_Places_to_Read_Free_Books_Online.html

Technologies for Research

- ❖ Yellow/White Pages

- ❖ <http://www.switchboard.com/>

- ❖ People/Events

- ❖ <http://www.whowhere.com>

- ❖ Classmates

- ❖ <http://www.classmates.com/>

- ❖ Sounds

- ❖ <http://www.findsounds.com/types.html>

Google Search

- ❖ From <http://www.google.com/help>
- ❖ Returns pages with all the specified terms (no need for “and”)
- ❖ Use OR to include either of two terms
 - ❖ E.g. vpn OR salsa
- ❖ Not case sensitive
- ❖ Common words (e.g., how and where) are automatically excluded
 - ❖ Add a “+” if you need the word
- ❖ “I’m Feeling Lucky” button – returns most relevant site
 - ❖ E.g. University of Maryland
- ❖ For exact phrases use quotation marks (e.g., “Summer Party”)

Google Search

- ❖ Advance operators (query words with special meaning)
 - ❖ **link** → Lists web pages with links to specified site
 - ❖ Example: link:www.cs.umd.edu
 - ❖ **info** → provides some information google keeps about a site
 - ❖ Example: info:www.cs.umd.edu
 - ❖ **define** → provides definitions
 - ❖ Example: define:atom
 - ❖ **allintitle** → all words must appear in the title
 - ❖ Example: allintitle:teaching science
 - ❖ **site** → search is limited to specified site
 - ❖ Example: Nelson Padua-Perez site: www.cs.umd.edu