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/](http://heron.wico.lib.md.us/)
    - Searching is possible by keyword, title, author, subject
  - UMD Libraries
    - [http://www.lib.umd.edu/](http://www.lib.umd.edu/)
    - [http://umaryland.worldcat.org/](http://umaryland.worldcat.org/) → Allows you to search libraries worldwide, UMD & partners, UMCP
    - [http://researchport.umd.edu/func=databases](http://researchport.umd.edu/func=databases) → Allows you to search by subject category and by database name
    - [http://www.lib.umd.edu/digital/](http://www.lib.umd.edu/digital/) → Digitized materials from the collections of the University of Maryland
Technologies for Research

- Scientific Databases

- Book Searches
  - http://books.google.com/
  - http://www.abebooks.com/
  - Amazon’s Search Inside books
  - The Online Books Page
    - http://onlinebooks.library.upenn.edu/lists.html
  - Project Gutenberg
    - http://www.gutenberg.org/wiki/Main_Page

- Other
Technologies for Research

- Yellow/White Pages
  - http://www.switchboard.com/
- People/Events
  - http://www.whowhere.com
- Classmates
  - http://www.classmates.com/
- Sounds
Google Search

- From [http://www.google.com/help](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`