

1. **Reference Books for Chemistry.** Shelves in QD in the Reference area: A few examples:
  - a. A dictionary of chemistry. 2008.
  - b. Van Nostrand's encyclopedia of chemistry. 2005.
  - c. The Facts on File dictionary of organic chemistry. 2004.
  - d. Lange's handbook of chemistry. 2005.
  - e. Hawley's condensed chemical dictionary. 2007.
2. **Circulating books for Organic Chemistry** (3 week loan): Shelves in QD241-441 and QD415-436 on the 3<sup>rd</sup> floor. SCC has ~ 62 circulating books; district-wide, there are ~ 120.
  - a. Use [LOIS](#) (library catalog) to find specific call numbers. Keyword search e.g. <organic chemistry> or <chemistry polymer\*> Note asterisk\* for truncation.
  - b. Request books from other campuses (ARC, CRC, EDC, FLC).
  - c. Textbooks are listed in LOIS, generally available for 2 hour loan.
3. **Media:** Shelves in the Media Center on the 1st floor. some media available for loan.
  - a. Use [LOIS](#) to find call numbers. Media keyword search <chemistry>.
4. **Articles** from magazines, journals, and newspapers.
  - a. SCC has a few chemistry journals on the shelf in the periodicals area.
  - b. You have access to many chemistry journals through the library databases. Off campus access using W number and eservices password.
5. **[Library Databases](#) – Definitely:**
  - a. Academic Search Premier; GreenFILE are both Ebsco and use same search strategy.
    1. Keyword search:
      - organic chemistry spectroscop\* (note asterisk\*)
      - bioorganometal\* chemistry
    2. Use limiters: full text, scholarly, dates, thesaurus. Link to citation style.
    3. Advanced Search useful for additional limiters, e.g. Subject=Evaluation.
  - b. ScienceDirect: Use tabbed search for journals. Put terms in “quotes” to keep together. Apply limiters. Limit to *subscribed journals* for full text (green full-text icon). Keywords <original research article> limits to mostly research studies.
6. **[Library Databases](#) – Possibly:**
  - a. CINAHL Plus; Health Source: Nursing/Academic; Medline; Salem Health
  - b. Ebsco databases all use similar strategies.
  - c. Salem Health contains articles from Reference books.
7. **Open source science databases and individual journals:**
  - a. Directory of Open Access Journals <http://www.doaj.org/> Several journals..
  - b. Chemistry Central <http://www.chemistrycentral.com/> One journal.
  - c. Public Library of Science <http://www.plos.org/> Emphasis on biology and medicine.
  - d. Science.gov <http://www.science.gov/> U.S. government science and research. Some publications.
8. **Internet. General databases for student research:**
  - a. Internet Public Library <http://www.ipl.org/> Find additional databases and e-journals.
  - b. Infomine <http://infomine.ucr.edu/> A wealth of databases and more.

