



Library Meetings

August 22 (W) and August 23 (Th)

Location:

Meet in normal laboratory location, then walk over to
Sciences Library

Times:

Meet at regular time



Literature Assignment

- **Part 1: Chemical Table**
 - you will be provided with a list of three chemicals
 - obtain information and organize into table (see Course Pack)
 - sources: handbooks + ChemFinder
- **Part 2: Author Search and Summary**
 - search UI chemistry professor (according to your last name)
 - include at least one chemical structure or reaction sequence
 - provide one page summary (see Course Pack)
 - sources: *SciFinder* + journals (not chemical abstracts)
 - note: only need to cite paper *
- **Part 3: Review/Popular Article Summary**
 - summarize a review article of choice (see Course Pack)
 - staple the *first page* to the end of your assignment
 - sources: *SciFinder* + review article journals



Literature and the Virtual Library

Primary Sources:

- Journals: data and first observations from experiments

Secondary Sources

- Handbooks
 - *The Handbook of Chemistry and Physics*
 - *The Merck Index of Chemicals and Drugs*
 - Aldrich Catalog
- Review articles
 - *Accounts of Chemical Research*
 - *Chemical Reviews*
 - *Discover Magazine*
 - *Scientific American*
- Internet
 - Chemfinder: <http://www.chemfinder.camsoft.com>



Literature Citations

Reference: *The ACS Style Guide: A Manual for Authors and Editors*, J.S. Dodd, ed., American Chemical Society: Washington, DC, 1986; pp 106-114

- In-text reference -- use superscript or parentheses
 - The boiling point of compound A was reported by Smith.¹⁶
 - Examples of behaviorism are described by Jones. (18)
- How to cite a book: author(s), title (italics), edition (if relevant), editors (if relevant), publisher, city, year, page numbers (omitted if whole book)
 - Zubrick, J.W. *The Organic Chem Lab Survival Manual*, 6th ed., John Wiley & Sons: New York, 2004, pp 101-3.
- How to cite a journal: author(s), journal, year, volume, page(s)
 - Dauben, W.G.; Thiessen, W.E.; Resnick, P.R. *J. Am. Chem. Soc.*, **1962**, *84*, 2015.
- How to cite a thesis: author, school, year, page(s)
 - Bravo, J. Ph.D. Dissertation, University of Iowa, 1992
- How to cite the 4:141 Lab Manual
 - MacGillivray, L. Organic Chemistry Laboratory, Department of Chemistry, University of Iowa, Fall 2003.
- How to cite something from the Internet
 - American Psychological Association. How to Cite Information from the Internet. Retrieved May 30, 2004: <http://www.apa.org/journals/webref.html>



SciFinder Author Search

- you will need access to the Chemical Abstracts database. This requires that you register for SciFinder, which is the software used to search the database via your internet browser.
- Please go to the following link and follow the instructions to register:
<http://guides.lib.uiowa.edu/chem>