

Library Research Guide for Core Science 208 “Science on Your Plate”

1/21/09

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UI Library Website: www.lib.uidaho.edu

Codes for general usefulness

C = food processing company information

F = food product or ingredient information

Both = Could be useful for either topic choice

Reference Books (shelved on the 1st floor of the library)

Also browse the Ref TP (Chemical Engineering) and TX (Nutrition) for possible additional books

1001 Chemicals in Everyday Products (F) Ref TP200.L49

The Business of Food: Encyclopedia of the Food and Drink Industries (C) Ref HD9000.5.B875
2007

Cambridge World History of Food (F) Ref TX353.C255 2000

Encyclopedia of American Food and Drink (F) Ref TX349.M266

Encyclopedia of Consumer Brands Vol. 1, Consumable Products (Both) Ref HF5415.3.E527

Encyclopedia of Food Sciences and Nutrition (F) Ref TP368.2.E63 2003 (TIP: use the index in the last volume)

Food Additives Databook (F) Ref TX553.A3F573

Food Encyclopedia (F) Ref TX349.R564 2006

Handbook of Food Science, Technology and Engineering (F) Ref TP370.4.H38 2006

How Products are Made (F) Ref TS146.H67 (use the index in vol. 7, especially the list under the entry “food”, web version can be searched at <http://www.madehow.com>)

International Directory of Company Histories (C) Ref HD2721.I63 (only long established companies, not recent information or recent mergers) (TIP: use the index in the last volume to find the sections on your company)

The Oxford Book of Health Foods (F) Ref TX 369.V38 2003 (includes illustrations of plants)

Oxford Companion to Food (F) Ref TX349.D36 2006

Oxford Encyclopedia of Food and Drink in America (both) Ref TX349.E45 2004

Books

Search the **UI Library catalog** from the link on the main page of the library’s website. Note that books in the UI library have the location “UI Library Main Stacks” (for books you can check out). NIC and LCSC books must be ordered. Be sure to try different searches with different terms, broadening or narrowing as needed, to find books. Books generally cover broad topics compared to articles and are generally less current than the newest articles.

Some books I found: *Common Fragrance and Flavor Materials* TP418.B38 2001 (3rd floor)

Movable Feasts: the History, Science and Lore of Food TX353.M395 2007

Databases (found by clicking on the **Find Articles** link on the library web site, then clicking on the appropriate letter in the “Databases by Title” list)

Factual Databases – give full data and information rather than magazine and journal articles

- **Standard and Poor’s Market Insight:** (C) Company and industry information – profiles, financials, peer groups, Excel analytics, online access to Standard and Poor’s Stock Reports, Standard and Poor’s Industry Surveys, country reports, news and commentary
- **Business Source Premier** (from Ebsco): (C) Provides country economic reports from Global Insight, as well as detailed company and industry profiles provided by Datamonitor. Can also be used to find articles (see article databases section).
- **Hoover’s Company Records:** (C) Gives information such as an overview of the company, a brief history, it’s main personnel and its competitors.
- **LexisNexis:** (C) Click on “business” tab for company information

Article databases: Provides citations and usually abstracts of magazine and journal articles on your topic, with possible links to the full text of the article or other ways to obtain it. Generally you can use articles to update books and reference sources. If you are not finding the information you need, change the terms, then the database. **Often you need to try different databases to get the information you will need. The list below is not complete. Use the subject lists for more databases.**

NOTE: **Refereed journal articles** are articles that are scholarly and have a list of references. However, in addition, the articles have been chosen through a process of “peer review” or “refereeing” in which other experts in the field have read the article and judged its quality. Sometimes it is only possible to determine if the article is truly from a refereed journal by looking at the journal’s instructions for authors who wish to submit an article and seeing if the process includes sending submitted articles to reviewers. An article may be scholarly, but not strictly peer reviewed. TIP: You may need to change databases or adjust your search to a more academic question to find refereed articles related to your topic.

- **ABI/INFORM:** (both) Best known business database. Contains news and analysis as well as more scholarly articles than the other business databases.
- **Agricola (Ebsco version):** (both) articles relating to agriculture, family and consumer sciences, food science. Most are professional, but only some are refereed.
- **Applied Science and Technology Index:** (both) Citations to articles on chemistry, engineering, applied math, computing science and energy.
- **Biological and Agricultural Index:** (both) Citations to articles on agriculture, botany, biochemistry, biology, ecology, environmental science and forestry.
- **Business Source Premier** (from Ebsco): (both) default search provides articles in academic journals, magazines and trade publications
- **EbscoSearch (combination of databases):** (both) Articles on a wide variety of topics, in magazines and scholarly (some refereed) journals. This is a good starting place and

you can search many other Ebsco databases at once. Doesn't cover all the business sources though.

- **Proquest Newspapers** (and Proquest Central): (both) Choose **Proquest Central** on the **databases pulldown** to broaden your search beyond newspapers to all subjects and many different kinds of popular and academic sources. This is similar to Ebscosearch.
- **(Interdisciplinary) Research Library**: (both) Start at **Proquest Newspapers** and choose this database from the pulldown. This covers many subjects and the results are primarily academic, scholarly sources.
- **LexisNexis**: (both) Search newspapers (international, national and regional) and magazines/trade publications using a variety of search options.

Websites

Website evaluation help: The CRAAP test

<http://www.csuchico.edu/lins/handouts/evalsites.html>

Evaluating a Wikipedia page

http://people.lib.ucdavis.edu/psa/How_to_evaluate_a_Wikipedia_article.pdf

- Food additives safety list (from Center for Science in the Public Interest) : (F) <http://www.cspinet.org/reports/chemcuisine.htm>
- Food Additive Status List (Food and Drug Administration) : (F) <http://www.cfsan.fda.gov/~dms/opa-appa.html>
- FoodInfoQuest: (both) A guide and overview with Links to a variety of food science information, some of it commercial <http://www.foodinfoquest.com/>
- How Products are Made: (F) <http://www.madehow.com>
- MedlinePlus: (consumer health information): (F) <http://medlineplus.gov/>
- [Nutrition.gov](http://www.nutrition.gov) (F) (food, nutrient and consumer information)
- Toxnet and other toxicology and environmental health databases: (F) <http://sis.nlm.nih.gov/enviro.html> (High quality scientific databases of detailed information of human health effects of many chemicals, compounds and products)
- USDA Crop production information http://www.usda.gov/wps/portal/!ut/p/_s.7_o_A/7_o_1OB?navid=CROP_PRODUCTION&parentnav=AGRICULTURE&navtype=RT
- USDA Nutrient Database: (F) <http://www.nal.usda.gov/fnic/foodcomp/search/>