

Library Guide

Chemistry 109: Edible Chemicals

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 = Scholarly scientific articles!

Finding Books in ELIZA

Use **ELIZA** to find *what Wallace Library owns*.

>> **Access** from [Library Home Page](#) or at <http://library.wheatoncollege.edu/>

Use **keyword searching** to identify material:

- Link **keywords** as needed with *Boolean Operators* (and, or, not).
- *Truncate* with a * (*nutri** finds *nutrient, nutrients, nutrition, nutritional, etc.*)
- Remember to look for & exploit relevant *Subject Headings* (ELIZA uses the official Library of Congress Subject Headings.)

You can also browse ELIZA Subject Headings directly via a **subject search**.

Here are some **sample Subject Headings** to try in ELIZA (or any other library catalog):

- Crops – Genetic Engineering
- Food – Additives
- Food – Analysis
- Food – Industry and Trade
- Nutrition
- Vitamins

Reference Materials for Background Information (and Topic Selection)

- *Columbia Encyclopedia of Nutrition*, 1988
Ref QP141 .C69 1988b
Brief introductory articles on nutritional topics. From Columbia Institute of Human Nutrition.
- *Complete Guide to Vitamins: Minerals & Supplements*, 1988
Ref QP771 .G75 1988
- *CRC Handbook of Food Additives*, 1975
Ref TX553.A3 C2 1975
- *Food Chemistry*, 1987
Ref TX545 .B3513 1987
- *Foods & Nutrition Encyclopedia*, 2 vols., 1983
Ref RA784 .F6 1983
- *Source Book for Food Scientists*, 1978
Ref TX349 .O3
Definitions, tables for composition, properties, and general data, structures.

Indexes/Databases for Finding Articles on the Chemistry of Food

“[Find] *at least three relevant articles*...not from a web site....Newspaper and magazine articles are acceptable, but *at least one must come from a scientific journal.*” — Prof. Pastra-Landis

>> **Access databases** through *Wallace Library Electronic Resources* page:
<http://www.wheatoncollege.edu/library/resources/electronic>



InfoTrac Expanded Academic, 1980-

>> choose *Expanded Academic* after first click to *InfoTrac*

Indexes articles from a variety of magazines, journals and news sources in the sciences, social sciences and humanities. Many full-text articles are included. See also InfoTrac's *Health Reference Center* for reference information.

TIPS:

- Use “Subject Guide” link on left to *find subject headings* under which relevant articles might be categorized.
- To get only *scholarly publications (including scientific journals)*, check “Limit...to refereed publications” box before searching.
- If the article sounds perfect for your research but isn't included in full-text, *Search ELIZA catalog for this title* to see whether we have the right journal/issue.

LexisNexis Academic, dates of coverage vary (as early as the 1980s)

Primarily a news database. Includes the (mostly) full-text of articles drawn from sources all over the world.

TIPS:

- Use *Guided News Search* to search back to the 1980s, in specific categories of news (*General | Major Papers* recommended), or for greater precision (being able to search for your term(s) in the headline, etc.).
- Click on *Medical* link on left to search Medical News and (a very small selection) of Medical and Health Journals.
- Type your search term(s) in the supplied box(es), selecting *Headline, Headline/Lead Paragraph, Full Text, Caption, or Author*. Choose the appropriate *Boolean operator(s)* [choices are *AND, OR, NOT* and proximity operators] if you are typing in more than one box.
- You can *truncate* with a ! (*nutri!* finds *nutrient, nutrients, nutrition, nutritional, etc.*) to get more results



MEDLINE, 1966-

Indexes the literature of medicine.

TIPS:

- Keep *Map Term to Subject Heading* box checked while doing keyword search—this brings you to thesaurus (a browsable index of standardized subject headings)
- *Truncate* with a \$: *nutri\$* finds *nutriment, nutriments, nutrition, nutritional, etc.*
- You can combine your search sets with *Boolean Operators* on the Main Search Page. Refer to sets by number. *Example: 1 AND 2*
- Use the “Library Catalog Holdings” link to see if Wheaton subscribes to the journal.
- To order items via interlibrary loan, mark your records and click on “Order” in the Citation Manager.

Indexes/Databases for Finding Articles on the Chemistry of Food (cont'd)



Wilson General Science Index, 1984-

Indexes articles from journals in physical, life and health sciences.

TIPS:

- When you find a relevant record, “harvest” its subject headings. Clicking on the subject headings will bring up all records categorized under that subject. (You may want to further refine this set or combine it with others.)
- *Truncate* with a \$: *nutri\$* finds *nutriment, nutriments, nutrition, nutritional*, etc.
- You can combine your search sets with Boolean Operators on the Main Search Page. Refer to sets by number. *Example: 1 AND 2*
- Ovid databases treat 2+ words typed into the search box as a phrase. *Example: fat replacement* finds items where *fat* and *replacement* appear next to each other, in that order, with no interceding words
- Use Boolean Operators (AND or OR) to combine words if retrieving **only** phrases is not your intent.
- Use “Check Library Catalog” links to check whether Wallace Library subscribes to the journal.
- To order items via interlibrary loan, mark your records and click on “Order” in the Citation Manager.

Recommended Web Gateways & a Scientific Search Engine

“Additional information from web sites can be used, but you must be sure to document the source of your information.” — Prof. Pastra-Landis

Remember that you must find a minimum of three articles (see **Indexes/Databases** above)—you should not rely solely on web sites for your presentation.

InfoMine

<http://infomine.ucr.edu>

Giant directory of scholarly Internet sources in all subjects. Spearheaded by the libraries at the U. of California. Use *Advanced Search* and select “Free Resources” from the *Access* pulldown menu to avoid sites that are only available to University of California users.

Librarians' Index to the Internet

<http://www.lii.org>

Directory of high-quality Internet sources (although not all are intended for an academic audience). From the California public library system.

Scirus.com

<http://www.scirus.com>

Search engine focusing on scientific content. Many useful searching features. From the publisher Elsevier. **CAREFUL:** Not every site will be relevant or of high quality! As always on the Web, be critical of what you find.

Selected Web Sites on Food Additives & Nutrition

Food & Nutrition Center, National Agricultural Library (FNIC), US Dept. of Agriculture
<http://www.nal.usda.gov/fnic>

Food Ingredients & Packaging, Center for Food Safety & Applied Nutrition, US Food & Drug Administration
<http://vm.cfsan.fda.gov/~lrd/foodadd.html>

Nutrition Navigator: A Rating Guide to Nutrition Web Sites, from Friedman School of Nutrition Science & Policy
<http://navigator.tufts.edu>

Nutrition.Gov
<http://www.nutrition.gov>

Nutrient Statements at Nutrition.Org, American Society for Nutritional Sciences
<http://www.nutrition.org/nutinfo>

NutritionData.Com
<http://nutritiondata.com>

Help with Citing Sources

Guides to Citing Sources from Wallace Library
<http://www.wheatoncollege.edu/Library/HelpGuides/citing.html>

List of citation guides in Wallace Library and links to online citation information for answers to quick questions.

Questions about Your Library Research?

Please don't hesitate to contact Shana Gass, Reference/Instruction Librarian: sgass@wheatonma.edu; x3736.

Shana's Schedule:

Monday-Friday	9am-5pm	[general schedule]
Tuesday OR Wednesday	2-10pm	[most weeks I work one "late shift"]
Sunday	2-10pm	[a couple weeks during the semester]

Contact Shana to make an appointment or ask a question, or just drop by the Reference Offices (behind the Reference Desk in the Library Atrium).

Not sure whether you've succeeded in finding an article from a scientific journal?
Either Shana or Prof. Pastra-Landis would be happy to take a look at what you've found.