Library Workshop for NTD 457

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Objectives

- Plan literature searching
- Search databases
- Scholarly and non-scholarly journals
- Access the A-to-Z Journal List
Plan Literature Searching

- Clearly define your search topic
- Divide the topic into concepts and choose appropriate search terms
- Determine the relevant databases to search
- Use keyword search or advanced search
- Review all the resources
- Repeat as necessary
Plan Literature Searching

Search Topic
Find articles about fat reduced ice cream
Plan Literature Searching

- Determine the concept(s)

- **Concept** reduced fat
- **Concept** ice cream
Plan Literature Searching

Boolean Operator: **AND**

![Venn Diagram](image)

**Contain both terms**

reduced fat **AND** ice cream
Plan Literature Searching

**Boolean Operator:** OR

含包含任何的术语

*fat replacer OR fat substitute*
Plan Literature Searching

Boolean Operator: **NOT**

Ice cream **NOT** soy-based ice cream

Eliminate the records you don’t want
Plan Literature Searching

- **Quotation marks:**
  - Search an exact phrase, e.g. “fat substitute”

- **Truncation:**
  - Symbols are used when searching for suffix variations. For example, replacer* retrieves replacer and replacers.

- **Search string**
  - \( (\text{fat replacer}^* \ OR \ \text{fat substitute}^*) \ \text{AND} \ \text{ice cream} \)
Database Searching

- Academic Search Complete
- Agricola
- Food Science and Technology through Dialog
- Foodline through Dialog
Academic Search Complete

- It is a multi-disciplinary database which covers more than 7,000 full-text periodicals, including more than 6,000 peer-reviewed journals.
- It contains more than 11,600 publications including monographs, reports, conference proceedings, etc.
- It includes some food science journal titles.
Agricola

- This database is developed by the U.S. Department of Agriculture's National Agricultural Library.
- It includes more than 4.6 citations dating back to 1970.
- The citations are comprised of journal articles, monographs, theses, patents, audiovisual materials, and technical reports related to agriculture, nutrition and food science.
Click on the Idaho Health Sciences Library link.
Type search terms in the Search box and start your search.

Searching: Academic Search Complete, [fat replacer or fat substitute] and ice cream
Find Online Journals

- Scholarly and non-scholarly journals
- Access the A-to-Z Journal List
- Submit an Interlibrary Loan request
Scholarly and Non-Scholarly Journals

- **Scholarly**
  - **Length**
    - Long and in-depth analysis of topics
  - **Language/Audience**
    - Full of technical jargon
    - Written for researchers, professors or students in the academic field
  - **Format/Structure**
    - Follows some specific structure: abstract, introduction, methodology, results, discussion, conclusion, references, etc

- **Non-scholarly**
  - **Length**
    - Fairly short
  - **Language/Audience**
    - Written in non-technical language for non-expert readers
  - **Format/Structure**
    - Does not follow a specific format
Scholarly and Non-Scholarly Journals

**Scholarly**

- **Authors**
  - Expert in a particular field: a scholar or researcher with noted credentials
- **Editors**
  - Articles are reviewed by members of an editorial board who are experts in the field
- **References**
  - Sources are cited with bibliographies documenting the research thoroughly
- **Advertising**
  - Limited ads, special services or products in a specific field

**Non-scholarly**

- **Authors**
  - Reporter or any writer. Name and credentials are not indicated.
- **Editors**
  - Not reviewed by experts, but by magazine staff members
- **References**
  - Not provided
- **Advertising**
  - Many general consumer ads

Source: [http://www.isu.edu/library/help/journalmaga.htm](http://www.isu.edu/library/help/journalmaga.htm)
This is the A-to-Z Journal list webpage. If you do not know the journal title, you may want to search any journal title that contains “food science” in the title. Enter “food science” in the Find box, and then click on the Search button.
This link indicates that Food Technology is available in paper version in the library. Click on the link that takes you to the Library Catalog.
The link indicates that **Food Technology and biotechnology** can be accessed online from 2000 to present. Click on the link which takes you to the full text online articles of this journal.
Login to the Library online resources off campus using ISU Email username and password.

Username: [Enter username]  
(do not include @isu.edu)  
Password: [Enter password]  
(password is case sensitive)  

Login
To submit your interlibrary loan request, click on the Request Form.
Internet Resources

- Nutrition and Health
  - Food and Nutrition Information Center
  - Nutrient Database for Standard Reference
  - NutritionData

- Food Culture & Recipes
  - All Recipes
  - The Cook's Thesaurus
  - Epicurious Recipe File
  - Food Network
Questions?