Learning Outcomes

By the end of today’s session, you will be able to:

• Search the Electronic Journals for a journal title (recap)

• Formulate and execute a search strategy in USearch using truncation, phrase searching and other search tools

• Formulate and execute a scaffold search in MedLine using truncation and phrases

• Have an awareness of other relevant databases

• Export citations to RefWorks
Article full-text
Verifying your institutional permissions

Search for *Ulster* in the organisation field to authenticate…
Article full-text

Logging in to subscribed content

... then enter your Ulster email address and Network Password on this screen

Please use your Ulster email address and network password, e.g. bloggs.j@ulster.ac.uk and your Portal/IT workstation password.

j.bloggs@ulster.ac.uk

your Portal/IT workstation password.

Sign in

Click to view a video of this step
Article search
NUT506 Dissertation preparation
Searching for a journal article using a reference


*Note: Referenced in LHS Harvard Referencing Style*
Journal finder list
Use this when you have a complete reference or journal title

• Login to Portal and click on the Library tile
• This launches the Library homepage
• Click **Subject Guides** under the **Quick Links** area
• Go to the **Food Sciences** guide
• Click on the **Journals and Articles** tab
• Select **Electronic Journals** link
Searching for a journal or specific article


- Enter the **journal title** in the search box
- The Results page displays details of the Library holdings
- Click a provider link to access the journal homepage
- Navigate to the **volume** and **issue** you require

Click to view a video of this step
Scoping searches in USearch

Preparing for your search

Before you start it is important to find out what is already written on your topic

Carrying out a broad scoping search of the literature will:

- give you an overview of the current body of research
- help identify appropriate study types
- identify key authors
- identify key interventions/tools/models etc.
- identify any gaps in the research.

All of which will help to focus your research topic into a research question.
The effect of vitamins on infection in the elderly
Define your topic
What are the key concepts?

The effect of mineral or vitamin supplements on infection in the elderly
Analyse your statement

Remember Americanisms
Spelling variations and terminology

• Tumor or tumour

• Behaviour or behavior

• Physical therapy or physiotherapy

• Psychobiology or biopsychology
Are there alternative ways to describe your keywords?

**Infection**
- pathogen(s)
- disease(s)

**Elderly**
- aged
- old(er) people

**Vitamin/Mineral**
- supplementation
- supplements
- supplementation
- supplementing
- supplemented
- vitamins
- vitamin-enriched
- vitamin-rich
- minerals
Combining search concepts

Using AND and OR

Use OR to search for alternative ways to describe your search concept:

  e.g. vitamin OR supplement

This will INCREASE the number of results found
Combining search concepts

Using AND and OR

Use **AND** to combine all of your search concepts in your results:

e.g.  *elderly* **AND** *supplements*

This will **DECREASE** the number of results found
Search terms explained
Truncation and phrase searching

Use an *asterisk* * to find different endings for a word root
e.g. * will find all the variants of vitamin from the stem

Vitamin* will find vitamin, vitamins, vitamin D₃, vitamin-
mineral etc.

Use **double quotation marks** “ ” to find results where
your terms appear together
e.g. “vitamin supplement”
Search terms explained
Parentheses (brackets)

Use parentheses ( ) to define a relationship between two terms

  e.g. **supplement** and (mineral* or vitamin*)

Will find results containing **supplement**
  
  *plus either mineral or vitamin*
  
  e.g. **supplements** in relation to **minerals or vitamins**
  
  mineral supplements
  
  vitamin supplements etc
Access USearch from the Portal

- Login to Portal and click on the Library tile
- Click **Subject Guides** under **Quick Links**
- Go to the **Food Sciences** guide
- Click on the **Databases** tab
- Click on **USearch** link
**USearch**

**Some tips**

**USearch** searches and links to Library e-resources

Good starting point to find out what is available on a subject

Not all full text – look for a Full Text link or **U Find it**

For complex searches you must still use individual databases

Not everything the Library holds is covered
Add your search concepts
Use Advanced Search

(mineral* or vitamin*) and supplement*

AND
infection

AND
elderly

Click Search
Refine your results
Use the Refine panel to get the most relevant results

You could try…

• Limiting to Full Text
• Specifying a date range
• Academic journals
• Review articles
• English language

Click to view a video of this step

(includes abstract) Thomas CF; Evidence Based Nursing, 2006 Jan; 9 (1): 24. (journal article - abstract, commentary, tables/charts) ISSN: 1367-6539 PMID: 16437807, Database: CINAHL Plus
Review: multivitamins and mineral supplements do not reduce infections in elderly people.

Authors: Thomas CF

Affiliation: McMaster University, Hamilton, Ontario, Canada

Source: Evidence Based Nursing (EVID BASED NURS), 2006 Jan; 9 (1): 24. (3 ref)


Publication Type: journal article - abstract, commentary, tables/charts

Language: English

Major Subjects: Dietary Supplements -- Therapeutic Use -- In Old Age; Infection -- Prevention and Control -- In Old Age; Minerals -- Therapeutic Use -- In Old Age; Vitamins -- Therapeutic Use -- In Old Age

Minor Subjects: Aged; Clinical Trials; Meta Analysis; Systematic Review

Abstract: In elderly people, do multivitamins and mineral supplements reduce the risk of infections more than placebo? METHODS: Data sources: AMED, Biological Abstracts, Science and Social Science Citation Indexes, Cumulative Database of Systematic Reviews, Database of Abstracts of Reviews of Effects, EBM reviews,
An abstract is a summary of the article.
Article full-text
Ensure pop-ups are enabled on your device

- Click U Find it to check the Library’s e-journal holdings for a subscription
- If we have a subscription, the full-text will load in a separate window

If you encounter problems at this step, please contact your librarian: science@library.ulster.ac.uk
Keep a record of appropriate articles
Export references to RefWorks for use in your assignments

• Open RefWorks from the A-Z Databases list
• Select the references you wish to keep using the folder icon
• Go to My Folder
• Select all and click the Export icon
• Select RefWorks and click Save
• Select RefWorks
• Always save your references to a folder

Click to view a video of this step
USearch
Live demonstration
ulster.ac.uk
Define your topic

What are the key concepts?

Search for Journal Articles from 2009 onwards on:

The effect of mineral supplements or vitamins on infection in the elderly
Are there alternative ways to describe your keywords?

**Infection**
- pathogen(s)
- disease(s)

**Elderly**
- aged
- old(er) people

**Vitamin/ mineral supplementation**
- supplements
- supplementation
- supplementing
- supplemented
- vitamins
- vitamin-enriched
- vitamin-rich
- minerals
Access Medline from the Portal

- Login to Portal and click on the Library tile
- Click **Subject Guides** under **Quick Links**
- Go to the **Food Sciences** guide
- Click on the **Databases** tab
MEDLINE (Ovid)

Some tips

Covers approx. 5,400 journals

Not all articles are available in full-text – look for the button to check Ulster holdings

Coverage includes allied health, biology, dentistry, healthcare, nursing, pharmaceutical sciences and veterinary medicine

Coverage goes back to 1946 and it is updated weekly

Can be accessed off-campus

****To get the best usage from the database set up a personal account to save articles and searches
Add your search concepts

Use advance search

- Ensure the box ‘Map to Subject Heading’ is **unticked**
- Add your first search and it’s associated terminology and click search
- We use a scaffold approach to doing the search, building up one concept at a time
- Look at **Search History** to see the scaffold build up

Click to view a video of this step
## Search History

### Scaffold Search

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<tr>
<th>#</th>
<th>Searches</th>
<th>Results</th>
<th>Type</th>
<th>Actions</th>
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<td>47246</td>
<td>Advanced</td>
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<td>2</td>
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<td>Display Results</td>
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Combine your searches with AND

- Search for each concept individually
- Tick each line that we want to merge into our search
- Combine all searches with an AND
Evaluating what you find

Too little information
- use broader search terms
- think of synonyms and alternative keywords
- try different combinations of your keywords use the OR connector

Too much information
- think about your terms - are they too broad
- think about the topic; can you narrow it to specifics
- add in limits e.g. population group, publication years
Filter your results

- Filter results as before: by date, publication type etc.
MedLine can also be searched using MeSH terms

- MeSH terms are the database’s preferred medical terms for your concepts
- For total coverage use both keyword search and MeSH
- Ensure the ‘Map to Subject Heading‘ box is **ticked**
- Search for one concept using your preferred term only
- The database will direct you to their preferred term
- For example their preferred term for Elderly is Aged
- Check the scope note to ensure that their term includes your concept
- If it does tick the Select box and continue, including all subheadings

[Click to view a video of this step](#)
Export to RefWorks

Select the articles required by ticking them and select Export from the tools on the top right hand side.
At the Export Manager, change the **Format** to RefWorks and export.
4. □ Restoration of antioxidant enzymes in the therapeutic use of selenium in septic patients.

   Janka V; Ladislav K; Jozef F; Ladislav V.

   [Journal Article. Observational Study. Research Support, Non-U.S. Gov't]

   UI: 23644928

   Authors Full Name
   Janka, Vaskova; Ladislav, Kocan; Jozef, Firment; Ladislav, Vasko.
   ▶ View Abstract
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<tr>
<td>Institution</td>
<td>Janka, Vaskova. Institute of Medical and Clinical Biochemistry, Faculty of Medicine, Pavol Jozef Safarik University in Kosice, Kosice, Slovak Republic.</td>
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<tr>
<td>Title</td>
<td>Restoration of antioxidant enzymes in the therapeutic use of selenium in septic patients.</td>
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<td></td>
<td>*Oxidoreductases / me [Metabolism]</td>
</tr>
</tbody>
</table>
An abstract is a summary of the article
Article full-text
Ensure pop-ups are enabled on your device

• Click **U Find it** to check the Library’s e-journal holdings for a subscription
• If we have a subscription, the full-text will load in a separate window

If you encounter problems at this step, please contact your librarian:
science@library.ulster.ac.uk
Read each paper you find
Assess and judge the relevancy and currency

Ask:
• What is this paper about?
• Do I trust it?
• What did they find?
• Is it relevant to me?
Save what you find!
Record complete details of all useful references

Various ways to do this
- write them down
- print the reference
- save them within the databases (create a personal account)
- use an online bibliographic management program such as [RefWorks](https://refworks.com)
Useful Resources Recap

- Food Sciences Subject Guide:  
  https://guides.library.ulster.ac.uk/food

- Life & Health Sciences Referencing Guide with suite of helpful videos  
  https://guides.library.ulster.ac.uk/lhsharvard

- Advance Searching Tips:  
  https://guides.library.ulster.ac.uk/c.php?g=613921&p=4819932

- Off campus access help:  
  https://guides.library.ulster.ac.uk/c.php?g=613921&p=4268005
Any questions?
Contact your Librarians for help and advice

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