Literature Searching

Information Skills Librarians
askalibrarian@lsbu.ac.uk

Become what you want to be
What we are covering

New stuff!!!

• Finding information

• Journal articles by citation on the catalogue and Discovery Too.

• Journal articles via the databases, e.g. CINAHL

• Searching Google and Websites

Become what you want to be
Borrowing

<table>
<thead>
<tr>
<th>Type of Student</th>
<th>Books</th>
<th>DVDs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate (BA, BSc)</td>
<td>15</td>
<td>5</td>
</tr>
<tr>
<td>Postgraduate (PG Dip, CPE, MA, MSc, LLM)</td>
<td>20</td>
<td>5</td>
</tr>
</tbody>
</table>

Laptops—10 hour loan period.

Fines!
For late return when overdue items are on hold:
- £2 per day per item (up to a maximum of £20 per item)
- 2 day grace period

Become what you want to be
Auto-renewals

All items will automatically be renewed, UNLESS:

• The item is reserved by another borrower.

• There is another issue with your library account (eg outstanding charges, or your account has expired.)
Auto-renewal email

The following items have been automatically renewed. Please see below for the new due date(s):

C++ for everyone
Horstmann, Cay S.,
005.133 HOR  Barcode: 30102009189760
Due date: Wednesday 26 June 2019  RENEWED

These items could not be renewed and are due on 19 June 2019:

Designing media
Moggridge, Bill.
006.7 MOG  Barcode: 30102009669407
Due date: Wednesday 19 June 2019

The following items have been automatically renewed. Please see below for the new due date(s):

Nonobject
Lukić, Branko.
745.5 LUK  Barcode: 30102009698281
Due date: Wednesday 26 June 2019  RENEWED

Gamestorming: a playbook for innovators, rulebreakers, and changemakers
Gray, David,
658.4022 GRA  Barcode: 30102009698398
Due date: Wednesday 26 June 2019  RENEWED

Fiber-optic communication systems
Agrawal, G. P.
621.38275 AGR  Barcode: 30102009672914
Due date: Wednesday 26 June 2019  RENEWED
Nursing Libguide

https://libguides.lsbu.ac.uk/nursing

Library catalogues
Journal databases
Training and Support
Health resources
Referencing

Become what you want to be
 Searching for Journal articles

Ways of searching:
• By citation- journals tab
• By keyword / topic searching or by article title

Citation searching:

Exercise 1: Finding an article

Database searching

Formulate a search strategy

1. Identify your **keywords**
2. Identify any alternative keywords
Effectiveness of vaccinations in children

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Alternative / related words</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EXAMPLE</strong>: news</td>
<td><strong>EXAMPLE</strong>: media or television</td>
</tr>
<tr>
<td>KEYWORD 1:</td>
<td>OR</td>
</tr>
<tr>
<td>children</td>
<td>Infants OR toddlers</td>
</tr>
<tr>
<td><strong>AND</strong></td>
<td></td>
</tr>
<tr>
<td>KEYWORD 2:</td>
<td>OR</td>
</tr>
<tr>
<td>vaccinations</td>
<td>Immunisation OR immunization OR Vaccine</td>
</tr>
<tr>
<td><strong>AND</strong></td>
<td></td>
</tr>
<tr>
<td>KEYWORD 3:</td>
<td>OR</td>
</tr>
<tr>
<td>effectiveness</td>
<td>efficacy</td>
</tr>
</tbody>
</table>
Database searching
Search Tips

Truncation * e.g. child* will find child, children, childhood etc.
Phrase searching “” e.g. “young children”

OR for alternative terms (synonyms) e.g. child OR toddler - > increases the number of results

AND to connect words with different meanings, e.g. child* AND vaccination -> decreases the number of results
Effectiveness of vaccinations in children

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<tbody>
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<td><strong>KEYWORD 1:</strong></td>
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<tr>
<td>Child*</td>
<td><strong>OR</strong></td>
</tr>
<tr>
<td><strong>KEYWORD 2:</strong></td>
<td><strong>OR</strong></td>
</tr>
<tr>
<td>Vaccin*</td>
<td><strong>OR</strong></td>
</tr>
<tr>
<td><strong>KEYWORD 3:</strong></td>
<td><strong>OR</strong></td>
</tr>
<tr>
<td>effectiveness</td>
<td><strong>OR</strong></td>
</tr>
</tbody>
</table>

**AND**

Infants OR toddlers

Immuni*

efficacy
PICO (TT)

For an intervention/therapy:
• In _______(P), what is the effect of _______(I) on ______(O) compared with _______(C) within ________(T)?

For etiology:
• Are ____ (P) who have _______ (I) at ___ (increased/decreased) risk for/of_______ (O) compared with ______ (P) with/without ______ (C) over _____ (T)?

Diagnosis or diagnostic test:
• Are (is) __________ (I) more accurate in diagnosing __________ (P) compared with ______ (C) for _________ (O)?

Prevention:
• For __________ (P) does the use of ______ (I) reduce the future risk of _________ (O) compared with __________ (C)?

Prognosis/Predictions
• Does __________ (I) influence __________ (O) in patients who have _______ (P) over ______ (T)?

Meaning
• How do _________ (P) diagnosed with ________ (I) perceive ______ (O) during _____ (T)?
Databases

From the Find Journal Articles tab you can find:

Cinahl
Medline
Science Direct
PsycArticles
PsycInfo
Academic Search Complete

Can be searched together!
Exercise 2: Database Searching

Have a go!

Become what you want to be
Saving your search

Search History/Alerts

Search Terms: food additives AND indigestion OR (IBS or Irritable Bowel Syndrome) AND men

Limiters - Available in Library Collection
Expanders - Also search within the full text of the articles; Search for Similar Subjects
Search modes - Find all my search terms

Become what you want to be
Using Google

Become what you want to be
Google searches here...
The DEEP web

- Intranets (internal internet sites)
- Academic databases
- Unlinked sites which haven't told Google they exist, or have asked to remain unlisted
- Basically, anything that needs a password
Alternatives to Google

**Bing** [https://www.bing.com/](https://www.bing.com/)
the world’s second most popular search engine, run by Microsoft
Fewer ads

**DuckDuckGo** [https://duckduckgo.com/](https://duckduckgo.com/)
Doesn’t retain your data or manipulate results

**Dogpile** [http://www.dogpile.com/](http://www.dogpile.com/)
Metasearch engine – Google, Yahoo, Yandex
Systematic Reviews

Critically appraised topics [evidence synthesis]

Critically appraised individual articles [article synopsis]

Randomised controlled trials

cohort studies

case-controlled studies case serise/reports

background information/expert opinion

Hierarchy of Evidence (Ingham-Broomfield, 2016)

Become what you want to be
Original articles published in journals. CINAHL, PubMed, Medline, Science Direct

Secondary Sources
- Epistemonikos, DARE/PROSPERO
- NICE Guidelines

Primary Sources
- Studies (case report, case series, case-control, cohort, randomized trial)
- Synopsis of single studies
- Synopses of synthesis
- Systematic Reviews (Cochrane Reviews)
- Summaries
- Computerised Decision Support Systems

Become what you want to be
The Research Process

1. Identify research topic
2. Formulate searchable query
3. Design search strategy and identify appropriate resources
4. Collect Evidence
5. Evaluate and appraise evidence
6. Apply new knowledge

Become what you want to be
Evaluating research

https://libguides.lsbu.ac.uk/nursing/criticalappraisal

Nursing: Critical Appraisal

Useful Books - Evidence Based Practice

A Beginner’s Guide to Evidence-Based Practice in Health and Social Care by Helen Aveyard; Pam Snap
Call Number: 351.941 AVE
ISBN: 9780335246724
Publication Date: 2013-04-01

Making Sense of Research in Nursing, Health and Social Care by Pam Moule
Call Number: 362.072 MOU
ISBN: 9781473907522

Critical Evaluation Tools

In Evidence Based Practice, you critically analyse research to evaluate the design of a study and its findings. These tools are used to help you to systematically work through different kinds of research papers step-by-step, assessing their quality and results.

- CASP Critical Appraisal Checklists
- McMaster’s Research Evaluation Practice Tools
- Understanding Health Research
1:1 support

Book a 1:1 with an Information Skills Librarian
go.lsbu.ac.uk/askalibrarian
• Database Searching e.g. Journal articles
• Referencing
• Using RefWorks

Email queries: askalibrarian@lsbu.ac.uk

Research Helpdesk
3 Bridge
Mon-Fri 12.00-4pm

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Any questions?

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