Urban and Community Health and Global Health Pathways:

Introduction to Library Research

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User Education/Reference Librarian
What You’ll Learn

• Broad overview of library resources/services
• General principles of literature searching and demo in PubMed and Scopus
• Introduction to citation management using RefWorks
• Where to get help
How can we help you?

• Database expertise
  – Not sure which resource to use? Ask us!

• Get access to information
  – Can’t find it in the library? We can get it for you!

• Technical support
  – RefWorks & Write-N-Cite
  – PubMed, Ovid MEDLINE, Scopus, etc.

MCW Libraries
The Literature Research Process

Step 1: Define your research topic or question

Step 2: Describe your topic using keywords

Step 3: Perform searches in article database(s): PubMed, Ovid Medline, PsycINFO, Scopus, etc.

Step 4: Evaluate search results

Step 5: Locate resources: [Get It From MCW Libraries]

Step 6: Cite articles in your papers with RefWorks
Step 2  Describe your topic using keywords

- Related terms
  - Narrower
  - Broader
- Synonyms
- Controlled vocabulary (Medline uses MeSH)
• **What is MeSH?**
  – Controlled vocabulary used by PubMed/MEDLINE
  – Provides a consistent way to describe topics
    • [Ambulatory Care Facilities](#)
  – MeSH terms are applied by subject specialists (people!) who scan each article
Are text-messaging programs effective at helping teenagers to manage their diabetes?

<table>
<thead>
<tr>
<th>P</th>
<th>Teenagers</th>
<th>Youth, <strong>young adult, adolescent, teenager</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Text-messages</td>
<td><strong>Text Messaging, texts, texting, mobile phone, smart phone</strong></td>
</tr>
<tr>
<td>C</td>
<td>Diabetes management</td>
<td><strong>Diabetes management, self care</strong></td>
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</tbody>
</table>
## Boolean Operators

- Used to define the relationship between words or groups of words

<table>
<thead>
<tr>
<th>Operator</th>
<th>Expression</th>
<th>Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AND</strong></td>
<td>Vaccinations AND Measles</td>
<td><img src="image" alt="AND Diagram" /></td>
</tr>
<tr>
<td><strong>OR</strong></td>
<td>Cervical OR Uterine</td>
<td><img src="image" alt="OR Diagram" /></td>
</tr>
<tr>
<td><strong>NOT</strong></td>
<td>Mouse NOT Rabbits</td>
<td><img src="image" alt="NOT Diagram" /></td>
</tr>
<tr>
<td><strong>()</strong></td>
<td>Vaccinations AND (Measles OR Rubella)</td>
<td><img src="image" alt="Parentheses Diagram" /></td>
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**Step 3**
Perform searches in article database(s): PubMed, Ovid MEDLINE, Scopus, etc.

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**Preliminary search**

**Advanced search**
Step 3: Perform searches in article database(s): PubMed, Ovid MEDLINE, Scopus, etc.

Example search in Scopus:
- Search term: "text AND (message OR messaging)"
- Date range: All years to Present
- Subject Areas: Life Sciences, Physical Sciences, Social Sciences & Humanities
Questions? Ask a librarian!

asklib@mcw.edu
414.955.8302

Google MCW Libraries Ask