## Learning Outcomes

<table>
<thead>
<tr>
<th>Participants will:</th>
<th>In order to:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Locate Medical Subject Headings (MeSH)</td>
<td>Efficiently locate relevant peer-reviewed literature</td>
</tr>
<tr>
<td>Build a search by combining MeSH and keywords</td>
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</tbody>
</table>

*7/25/2018*
# Information Competencies for Public Health Professionals

## Analytical/Assessment Skills

<table>
<thead>
<tr>
<th>Tier 1</th>
<th>Tier 2</th>
<th>Tier 3</th>
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</thead>
<tbody>
<tr>
<td>1A2. Identifies quantitative and qualitative data and information</td>
<td>1B3. Applies ethical principles in accessing, collecting, analyzing, using, maintaining, and disseminating data and information</td>
<td>1C3. Ensures ethical principles are applied in accessing, collecting, analyzing, using, maintaining, and disseminating data and information</td>
</tr>
<tr>
<td>1A3. Applies ethical principles in accessing, collecting, analyzing, using, maintaining, and disseminating data and information</td>
<td>1B4. Uses information technology in accessing, collecting, analyzing, using, maintaining, and disseminating data and information</td>
<td>1C4. Uses information technology in accessing, collecting, analyzing, using, maintaining, and disseminating data and information</td>
</tr>
<tr>
<td>1A4. Uses information technology in accessing, collecting, analyzing, using, maintaining, and disseminating data and information</td>
<td>1B14. Makes evidence-based decisions</td>
<td>1C14. Makes evidence-based decisions</td>
</tr>
<tr>
<td>1A14. Describes how evidence is used in decision making</td>
<td>1B15. Advocates for the use of evidence in decision making that affects the health of a community</td>
<td>1C15. Advocates for the use of evidence in decision making that affects the health of a community</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tulane Institutional Competencies (AAMC Physician Competency Reference Set)</th>
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<tbody>
<tr>
<td><strong>PC = Patient Care</strong></td>
</tr>
<tr>
<td>1.5 Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, <em>up-to-date scientific evidence</em>, and clinical judgment</td>
</tr>
<tr>
<td><strong>KP = Knowledge for Practice</strong></td>
</tr>
<tr>
<td>2.6 <em>Contribute to the creation</em>, dissemination, application, and translation of <em>new health care knowledge</em> and practices</td>
</tr>
<tr>
<td><strong>PBL = Practice—Based Learning and Improvement</strong></td>
</tr>
<tr>
<td>3.3 <em>Identify and perform learning activities that address one’s gaps in knowledge, skills, and/or attitudes</em></td>
</tr>
<tr>
<td>3.6 <em>Locate, appraise, and assimilate evidence from scientific studies</em> related to patients’ health problems</td>
</tr>
<tr>
<td>3.7 <em>Use information technology</em> to optimize learning</td>
</tr>
<tr>
<td>3.9 <em>Obtain and utilize information</em> about individual patients, populations of patients, or communities from which patients are drawn to improve care.</td>
</tr>
</tbody>
</table>
Part 1

Locating information
Check out the new and improved Rudolph Matas Library website
http://matas.tulane.edu
The Literature Search Process

January, 2015

1. Topic and Concepts
   1a. State your topic
   1b. Identify main concepts
   1c. Translate concepts into a question

2. Databases
   2a. Locate controlled vocabulary for each concept

3. Formulate query
   3a. Create a list of subject headings, synonyms, alternate spellings and related terms
   3b. Group similar terms with OR to create a set of similar terms
   3c. Combine sets with AND

4. Perform search

5. Evaluate results: are articles relevant to your question?
   If NO
   Contact a librarian
   Examine keywords and types of resources retrieved and improve searches
   Perform new search

6. Select articles and save to citation manager
   If YES
Key Databases for public health investigations

Search the A-Z list for each database individually or use CrossSearch to search across key databases for a variety of perspectives and types of literature on any topic.

**Academic Search Complete**: Health promotion, GLBT, Latin American, Middle East, and South Asian studies, women's studies

**Biological Abstracts**: Biomedicine, genetics, pharmacology

**Biological Sciences**: Aquatic life, biochemistry, entomology, plant and safety science, toxicology, virology, water

**CINAHL**: AIDS & HIV, chronic diseases, dietetics, environmental health, GLBT studies, health policy, health promotion, maternal and child health, medicinal plants, minority health, nutrition, rural health

**Cochrane Library**: Systematic reviews and meta-analyses

**EMBASE**: alternative & complementary medicine, environmental health, genetics, health policy, health services, infectious disease, occupational health, pharmacology, pollution, immunology, toxicology

**Environmental Science & Pollution Management**: Environmental biotechnology and engineering, industrial hygiene, pollution, toxicology, U.S. environmental impact statements, waste management

**Global Health**: Biostatistics, epidemiology, food sciences, health promotion, health systems, infectious diseases, public health emergencies, tropical and international health

**Health & Sciences Safety Abstracts**: Emergency management, environmental health, epidemiology, injury, natural disasters, occupational health, pesticides, toxicology, trauma

**PubMed@TU**: biomedical journal articles (MEDLINE)

**Risk Abstracts**: Biological, environmental, industrial, and labor risks. Ecological, environmental, industrial, and occupational safety

**Tropical Diseases Bulletin**: Infectious diseases, nutrition, parasitology, medical zoology/entomology, reproductive health, traditional medicine, travel medicine
Search databases directly

Resources

Find Articles
- A-Z Database List
- Academic Search Complete
- Biological Abstracts
- CINAHL
- EBSCOhost
- Henry Stewart Talks
- JoVE
- Procedures Consult
- ProQuest (includes dissertations & theses)
- Psycinfo
- PsychiatryOnline
- SearchAll @ Matas

eBooks & More

Point of Care

Key Subject Databases

Guides & Tools

Mobile Apps
Part 2

The process
The Literature Search Process

January, 2015

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   If NO
      Contact a librarian
      Perform new search
      Examine keywords and types of resources retrieved and improve searches
      Contact a librarian
   If YES
      6. Select articles and save to citation manager
Part 3

Save and organize search results
The Literature Search Process
January, 2015

1. Topic and Concepts
   1a. State your topic
   1b. Identify main concepts
   1c. Translate concepts into a question

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   2a. Locate controlled vocabulary for each concept

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   3a. Create a list of subject headings, synonyms, alternate spellings and related terms
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4. Perform search

5. Evaluate results: are articles relevant to question?
   If NO
      5a. Examine keywords and types of resources retrieved and improve searches
      5b. Contact a librarian
   If YES
      6. Select articles and save to citation manager
Select articles and save to citation manager program to format Word documents

– Export bibliographic information to RefWorks
– Create references in a Word doc using WriteNCite 4.5
  • In Tools, download WriteNCite4 which installs ProQuest for Word
In the spirit of One Health, a strong U.S. public health policy recognizes the capacity of HINARI-eligible institutions in low-income countries to protect population and individual health through the integration of human, animal, and environmental health.

Part 4

For more information
Using the Course Guide

Locate readings, e-books, e-journals, databases, grey literature and websites

http://libguides.tulane.edu/MGMT7170
Library privileges at other libraries

Howard Tilton Memorial Library

LSUHSC Ische Library

.5 mi or 10 minutes walk down Tulane Ave under I-10.
Turn left at Bolivar St.

http://www.lsuhsc.edu/no/library/
Reference Librarians: 8 a -8 p
Contact Us

• Reference
  • medref@tulane.edu | 988.5155
    – 988-5155
• Circulation
  • medcirc@tulane.edu | 988.2403
• Interlibrary Loan
  • medlib@tulane.edu | 988.2413
• Elaine Hicks
  • ehicks2@tulane.edu | 988-2785
THANK YOU
AND
HAVE A GREAT SEMESTER

Please complete a short survey to help us improve our instruction

http://tulane.libsurveys.com/LibraryInstructionPostWorkshop