Future library space in PWB. Scheduled for 2020.
Technology-Rich Spaces

1: Button Studios (6)

Data+Visualization Lab

Innovation/Makerspace

Virtual Reality Lab

Faculty Commons
Academic & Research Support

Request a Librarian Consultation (general form or contact Dawn directly)

Request a Literature Search (general form or contact Dawn directly)

Also help with: data management, getting published, and finding grants. See University Libraries’ Researcher Support Services for more information!
Bookmark these links

HSL Website: https://hsl.lib.umn.edu/biomed

PM&R Resource Guide: https://libguides.umn.edu/pmr

Mobile apps: https://hsl.lib.umn.edu/biomed/help/mobile
Popular Library Resources

Point-of-Care Tools
- DynaMed Plus (mobile)
- VisualDX (mobile)
- ClinicalKey

E-Book Collections
- ClinicalKey

Databases
- PubMed or Ovid Medline
- SportDiscus
- CINAHL
- Embase

Medical Images
- AccessMedicine
- Anatomy.TV
- ClinicalKey
Evidence-Based Medicine Refresher
The Steps of Evidence-Based Practice

**ASSESS**
Start with the patient – is this a clinical problem or question based on the patient care?

**ASK**
Construct a well-built clinical question derived from the case.

**AQUIRE**
Find the right resources and do a search using best research.

**APPRAISE**
Ask yourself: Is the evidence valid and applicable?

**APPLY**
Talk to the patient – integrate evidence, clinical experience and patient preference and apply it.

**EVALUATE**
Reflect and evaluate your performance with this patient.

Source: Duke University Medicine

The 5 A’s of EBM
Asking the searchable question...

Example from CEBM

P = “In patients with heart failure from dilated cardiomyopathy who are in sinus rhythm …”

I = “… would adding anticoagulation with warfarin to standard heart failure therapy …”

C = “… when compared with standard therapy alone …”

O = “… lead to lower mortality or morbidity from thromboembolism. Is this enough to be worth the increased risk of bleeding?”
## Brainstorm search terms

<table>
<thead>
<tr>
<th>Question Part</th>
<th>Question Terms or Subject Headings</th>
<th>Synonyms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Problem/Population/Patient</td>
<td>(</td>
<td>OR ) AND</td>
</tr>
<tr>
<td>Intervention/Indicator</td>
<td>(</td>
<td>OR ) AND</td>
</tr>
<tr>
<td>Comparator</td>
<td>(</td>
<td>OR ) AND</td>
</tr>
<tr>
<td>Outcome</td>
<td>(</td>
<td>OR ) AND</td>
</tr>
</tbody>
</table>
Build your strategy

<table>
<thead>
<tr>
<th>P</th>
<th>I</th>
<th>O</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teenage*</td>
<td>Brief intervention*</td>
<td>Smoking cessation</td>
</tr>
<tr>
<td>or</td>
<td>or</td>
<td>or</td>
</tr>
<tr>
<td>Adolescent*</td>
<td>Brief advice</td>
<td>Stop* smoking</td>
</tr>
<tr>
<td>or</td>
<td>or</td>
<td>or</td>
</tr>
<tr>
<td>Young people</td>
<td>Brief counsel*</td>
<td>Quit* smoking</td>
</tr>
</tbody>
</table>

Set of results for P AND Set of results for I AND Set of results for O
Let’s try it!
Questions?

Bio-Med Reference Desk

https://hsl.lib.umn.edu/biomed/email

(612) 626-4045

Dawn Hackman

Medical School Liaison

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