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MPH Principles of Public Health: EBPH Informatics: PubMed Peer Assessment

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MPH Principles of Public Health
**Evidence-Based Public Health (EBPH) Informatics: PubMed Peer
 Assessment**

Individual Student Number _____

Session One August 27, 2015. 5:30-7:00pm. Med 2 Classroom

Directions:

When asked by the instructor, volunteer to search and then individually check-off one of the following subjects in *PubMed* using the EBPH searching techniques for:

- Epidemiology
- Prevention & Control
- Risk Factors

| | |
|-----------------------|-------------------------------------|
| Subject | Leukemia |
| Alcoholism | Lung Neoplasms |
| Asthma | Lymphoma |
| Bacterial Pneumonia | Melanoma |
| Bipolar Disorder | Myocardial Ischemia |
| Breast Cancer | Prostate Cancer |
| Cardiac Arrhythmias | Schizophrenia |
| Colon Neoplasms | Sexual Violence |
| Depression | Tuberculosis |
| Hantavirus Infections | Instructor-Approved Student Choice: |
| Heart Failure | |
| Hepatitis C | |
| HIV Infection | |

Directions: Complete your separate searches using the (1) epidemiology, (2) prevention & control, and (3) risk factors forms of EBPH technique. Access your history via the Advanced Search link while viewing your PubMed search results. Copy and paste your single best search for each category into a Word document with *only your secret student number* and topic on top. Email your Word document to Dr. Eldredge at: <jeldredge@salud.unm.edu>. Do not identify yourself in this document, but do identify yourself in the email. Finally, print your Word document and hand it in to Dr. Eldredge. Later, you will receive another student's searches and be asked to apply the rubrics below to evaluate the student's searches.

Epidemiology Question:

| Activity | Correct? |
|---|-----------------|
| Began with and correctly used the MeSH Database | Y |
| Selected a single appropriate MeSH term, based on definition (example: diabetes mellitus) | 4 |
| Selected the one (1) most appropriate subheading | 3 |
| Restricted to major heading if using a largely-researched topic | Y |
| Applied search strategy to PubMed | Y |
| Filtered by Human | Y |
| Filtered by English-language | Y |

| | |
|--|---|
| Filtered by only one (1) appropriate Article Type (indicate): | Y |
| If appropriate, applied other filter (list): | Y |
| Did not filter by: | |
| • Male or Female gender | Y |
| • Anything in Subjects, PubMed Commons, or Journal Categories | Y |
| • Links to Free Full Text | Y |
| Pasted-in the Word document only the single best search strategy from the PubMed History | 3 |

Score (one point per “yes”) = _____ (20 possible points)

Suggestions for Improvement:

Prevention & Control Question:

| Activity | Correct? |
|--|----------|
| Began with the MeSH Database | Y |
| Selected appropriate MeSH term, based on definition | 3 |
| Selected the one (1) most appropriate subheading (print term): | 2 |
| Restricted to major heading if using a largely-researched topic | Y |
| Filtered by Human and English-language | Y |
| Filtered by only one (1) appropriate Type of Article (indicate): | Y |
| If appropriate, applied other filter (list): | Y |
| Did not filter by: | |
| • Male or Female gender | Y |
| • Anything in Subjects, PubMed Commons, or Journal Categories | Y |
| • Links to Free Full Text | Y |
| Pasted-in the Word document only the single best search strategy from the PubMed History | 2 |

Score (one point per “yes”) = _____ (15 possible points)

Suggestions for Improvement:

Risk Factors Question:

| Activity | Correct? |
|--|----------|
| Selected appropriate MeSH term, based on definition; restricted to major heading, if appropriate | Y |
| Selected the most appropriate second MeSH term (Risk Factors; or print term): | 3 |
| Did not restrict Risk Factors (or similar term) to major heading | 2 |
| Filtered by Human and English-language | Y |
| Filtered by only one (1) appropriate Type of Article (indicate): | Y |
| If appropriate, applied other filter (list): | Y |
| Did not filter by: | |
| • Male or Female gender | Y |
| • Anything in Subjects or Journal Categories | Y |
| • Links to Free Full Text | Y |
| Pasted-in the Word document only the single best search strategy from the PubMed History | 3 |

Score (one point per “yes”) = _____ (15 possible points)

Suggestions for Improvement:

Student Assessor’s Total Score for Fellow Student: _____

Student Number of Student Assessing other Student _____

Instructor Assessment: Score for Student Searcher _____ Score for Student Assessor _____