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MPH Principles of Public Health: PubMed Evidence-Based Public Health (EBPH) Informatics Training

Jonathan Eldredge

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MPH Principles of Public Health

PubMed Evidence-Based Public Health (EBPH) Informatics Training
Individual Student Number _____

Session One. September 8, 2011

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	Tuberculosis
Depression	Instructor-Approved Student Choice:
Hantavirus Infections	
Heart Failure	
Hepatitis C	
HIV Infection	

Directions: Complete your separate searches for the (1) epidemiology, (2) prevention & control, and (3) risk factors form 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 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. You will be emailed another student's search and asked to apply the rubrics below to evaluate this other 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	4
Selected the most appropriate subheading	3
Restricted to major heading	Y
Applied search strategy to PubMed	Y
Limited to Human	Y
Limited to English-language	Y

Limited to only one (1) appropriate Type of Article (indicate):	Y
If limited to systematic reviews, did not limit to a Type of Article	Y
If appropriate, applied other limits (list):	Y
Did not limit to:	
• Male or Female gender	Y
• Anything in Subsets, <i>except</i> possibly Systematic Reviews	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 most appropriate subheading (print term):	2
Restricted to major heading	Y
Limited to Human and English-language	Y
Limited to only one (1) appropriate Type of Article (indicate):	Y
If limited to systematic reviews, did not limit to a Type of Article	Y
If appropriate, applied other limits (list):	Y
Did not limit to:	
• Male or Female gender	Y
• Anything in Subsets, <i>except</i> possibly Systematic Reviews	Y
• Links to Free Full Text	Y
Pasted-in the Word document only the single best search strategy from the PubMed History	Y

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	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
Limited to Human and English-language	Y
Limited to only one (1) appropriate Type of Article (indicate):	Y
If appropriate, applied other limits (list):	Y
Did not limit to:	
• Male or Female gender	Y
• Anything in Subsets, <i>except</i> possibly Systematic Reviews	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 Number of Student Evaluating other Student _____