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## **MPH Principles of Public Health: Student Peer Assessment**

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University of New Mexico  
MPH Principles of Public Health  
**EBPH Informatics Homework Part Two: PubMed Searches for Peer Assessment**

Jon Eldredge, PhD  
September 3, 2015

**Directions:**

Find your secret number below on the left-hand column titled “Reviewer Number” and match it on the same row with the secret number of “Searcher Number” in the right-hand column.

Reviewer Number	Searcher Number
0323	2105
0408	2427
0602	2992
0623	3272
0633	3545
1008	5147
1019	6416
1234	8156
1414	8622
1618	0323
2105	0408
2427	0602
2992	0623
3272	0633
3545	1008
5147	1019
6416	1234
8156	1414
8622	1618

Next, find your assigned searcher’s searches below in numeric order from lowest to highest four-digit number. Copy and paste these searches into a new Word document.

Using the following rubrics, assess the searcher’s adherence to the guidelines in the rubrics. Complete the rubric and add any comments. Copy and paste the completed rubrics into the aforementioned new Word document. Email it to Dr. Eldredge via Outlook to: Jonathan Eldredge or <jeldredge@salud.unm.edu>. by Wednesday September 9<sup>th</sup> at 7pm. Dr. Eldredge will grade the original searches and your accuracy with the rubrics.

**Individual Student Searcher Number \_\_\_\_\_**

**Epidemiology Question:**

<b>Activity</b>	<b>Correct?</b>
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 <b>NOT</b> 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:**

<b>Activity</b>	<b>Correct?</b>
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 <b>NOT</b> 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:**

<b>Activity</b>	<b>Correct?</b>
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 <b>not</b> 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 <b>NOT</b> 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 Searcher: \_\_\_\_\_

Number of Student Reviewer Assessing other Student’s Searches \_\_\_\_\_

**Instructor Assessment:**

Score for Student Searcher \_\_\_\_\_

Score for Student Reviewer \_\_\_\_\_

## Student Searches by Four-Digit Numbers:

### 0323

0323 – Sexual Violence

#### Epidemiology

Search "**Sex Offenses/epidemiology**"[Mesh] Filters: **Systematic Reviews; Humans; English 6**  
References

#### Prevention & Control

Search "**Sex Offenses/prevention and control**"[Mesh] Filters: **Clinical Trial; Humans; English 78**  
References

#### Risk Factors

Search ("**Sex Offenses**"[Mesh]) AND "**Risk Factors**"[Mesh] Filters: **Systematic Reviews; Humans; English 67** References

### 0408

Schizophrenia (0408)

#### Epidemiology

Search "**Schizophrenia/epidemiology**"[Majr] Filters: **Clinical Trial; Full text; published** [41](#)

**in the last 10 years; Humans; English; Child: birth-18 years**

Prevention and Control

Search "**Schizophrenia/prevention and control**"[Mesh] Filters: **Clinical Trial; Humans; English; Child: birth-18 years** [30](#)

Risk Factors

Search **schizophrenic/risk factors** Filters: **Clinical Trial; published in the last 5 years; Humans; English** [30](#)

**0602**

## **Schizophrenia**

Student # 0602

### **Epidemiology**

Search "Schizophrenia/epidemiology"[Majr] Filters: Systematic Reviews; published in the last 5 years; Humans; English

Results: 58 items

### **Prevention and Control**

Search "Schizophrenia/prevention and control"[Majr] Filters: published in the last 5 years; Humans; English

Results: 39 items

### **Risk Factors**

Search ("Schizophrenia"[Mesh]) AND "Risk Factors"[Mesh] Filters: Systematic Reviews; published in the last 5 years; Humans; English

Results: 74 items

**0623**

### EPIDEMIOLOGY

Search "**Tuberculosis/epidemiology**"[Majr] Filters: **Systematic Reviews; published in the last 5 years; Humans; English**

This resulted in **78 references**.

## PREVENTION AND CONTROL

Search **"Tuberculosis/prevention and control"[Majr]** Filters: **Systematic Reviews; published in the last 5 years; Humans; English**

This resulted in **51 references**.

## RISK FACTORS

Search **"Tuberculosis"[Majr] AND "Risk Factors"[Mesh]** Filters: **Systematic Reviews; published in the last 5 years; Humans; English**

This resulted in **60 references**.

## **0633**

### EPIDEMIOLOGY:

Search **"Alcohol Drinking/epidemiology"[Majr]** Filters: **Systematic Reviews; Full text; Humans; English; Adult: 19+ years** (40 results)

### PREVENTION & CONTROL:

Search **"Alcohol Drinking/prevention and control"[Mesh]** Filters: **Systematic Reviews; Humans; Adult: 19+ years** (43 results)

### RISK FACTORS:

Search ( **"Alcohol Drinking/etiology"[MeSH] OR "Alcohol Drinking/psychology"[Majr] OR "Alcohol Drinking/rehabilitation"[Mesh]** ) Filters: **Systematic Reviews; Humans; English; Adult: 19+ years** (33 results)

## Bipolar Disorder

## **1008**

### 1) Epidemiology

**"Bipolar Disorder/epidemiology"[Majr]** Filters: **Systematic Reviews; Humans; English**

### 2) Prevention and Control

**"Bipolar Disorder/prevention and control"[Majr]** Filters: **Clinical Trial; Humans; English**

### 3) Risk Factors

**"Bipolar Disorder/chemically induced"[Mesh]** Filters: **Clinical Trial; Humans; English**

1019

PubMed Exercise – Student Number 1019

**Schizophrenia**

Epidemiology – 48 results

Search "**Schizophrenia/epidemiology**"[Majr] Filters: **Case Reports; Humans; English**

Prevention and Control – 32 results

Search "**Schizophrenia/prevention and control**"[Majr] Filters: **Comparative Study; Humans; English**

Risk Factors – 81 results

Search ("**Schizophrenia**"[Majr]) AND "**Risk Factors**"[Mesh] Filters: **Case Reports; Humans; English**

1234

**Hepatitis C**

Search "**Hepatitis C/epidemiology**"[Majr] Filters: **Systematic Reviews; Humans; Adult: 19+ years, 56 items found**

Search "**Hepatitis C/prevention and control**"[Majr] Filters: **Systematic Reviews; Humans; Adult: 19+ years, 6 items found**

Search "**Hepatitis C/transmission**"[Majr] Filters: **Systematic Reviews; Humans; Adult: 19+ years, 7 items found**

1414

**Bipolar Disorder**

Search "**Bipolar Disorder/epidemiology**"[Majr] Filters: **Systematic Reviews; Humans; English; Aged: 65+ years**

Search "**Bipolar Disorder/prevention and control**"[Majr] Filters: **Systematic Reviews; Humans; English; Adult: 19-44 years**

Search ("**Bipolar Disorder**"[Majr]) AND "**Risk Factors**"[Mesh] Filters: **Systematic Reviews; Humans; English; Aged: 65+ years**

**1618**

Search Term: Cardiac Arrhythmias

EPIDEMIOLOGY:

Search "**Arrhythmias, Cardiac/epidemiology**"[Majr] Filters: **Meta-Analysis; Randomized Controlled Trial; Clinical Trial; Humans; English; Child: birth-18 years**

PREVENTION & CONTROL:

Search "**Arrhythmias, Cardiac/prevention and control**"[Majr] Filters: **Meta-Analysis; Randomized Controlled Trial; Clinical Trial; Humans; English; Child: birth-18 years**

RISK FACTORS:

Search ("**Arrhythmias, Cardiac**"[Majr]) **AND risk factors** Filters: **Clinical Trial; published in the last 5 years; Humans; English; Child: birth-18 years**

**2105**

Epidemiology

Search "**Tuberculosis/epidemiology**"[Majr] Filters: **Systematic Reviews; published in the last 10 years; Humans; English; Child: birth-18 years** 12 references

**Prevention & Control**

Search "**Tuberculosis/prevention and control**"[Majr] Filters: **Systematic Reviews; published in the last 10 years; Humans; English; Child: birth-18 years** 20 references

**Risk Factor**

Search ("**Tuberculosis**"[Majr]) **AND "Risk Factors"**[Mesh] Filters: **Systematic Reviews; published in the last 10 years; Humans; English; Child: birth-18 years** 20 references

**2427**

Topic: Hepatitis C

- **Epidemiology** Additional Filters-→ Review→Last 5 years  
Search "**Hepatitis C**"[Majr] Filters: **Review; published in the last 5 years; Humans; English**[1515](#)



- **Prevention & Control** Additional Filters-→ Review→Last 5 years  
Search "**Hepatitis C/prevention and control**"[Majr] Filters: **Review; published in the last 5 years; Humans; English 60**
- **Risk Factors** Additional Filters-→ Review→Last 5 years  
Search ("**Hepatitis C**"[Majr]) AND "**Risk Factors**"[Mesh] Filters: **Review; published in the last 5 years; Humans; English 196**

**2992**

**1**-"**HIV Infections/epidemiology**"[Majr] Filters: **Systematic Reviews; published in the last 5 years; Humans; English; Adult: 19-44 years, 66 references.**

**2**- Search "**HIV Infections/prevention and control**"[Majr] Filters: **Systematic Reviews; published in the last 5 years; Humans; English; Adult: 19-44 years, 74 references.**

**3**- Search ("**HIV Infections**"[Mesh]) AND "**Risk Factors**"[Mesh] Filters: **Systematic Reviews; published in the last 5 years; Humans; English; Adult: 19-44 years, 45 references.**

**3272**

- 1) Search "**Hepatitis C/epidemiology**"[Majr] Filters: **Systematic Reviews; Humans; English; Adult: 19-44 years 73 references**
- 2) Search "**Hepatitis C/prevention and control**"[Majr] Filters: **Systematic Reviews; published in the last 5 years; Humans; English 16 references**
- 3) Search ("**Hepatitis C**"[Majr]) AND "**Risk Factors**"[Mesh] Filters: **Systematic Reviews; published in the last 5 years; Humans; English 71 references**

**3545**

### **Bacterial pneumonia**

#### **Search 1:**

"**Pneumonia, Bacterial/epidemiology**"[Majr] Filters: **Systematic Reviews; Humans; English 22 references**

#### **Search 2:**

"**Pneumonia, Bacterial/prevention and control**"[Majr] Filters: **Systematic Reviews; Humans; English 43 references**

#### **Search 3**

("**Pneumonia, Bacterial**"[Mesh]) AND "**Risk Factors**"[Mesh] Filters: **Systematic Reviews; Humans; English 37 references**

5147

**Epidemiology:**

Search ("Lymphoma/epidemiology"[Mesh]) AND  
"Lymphoma/epidemiology"[Majr] Filters: **Systematic Reviews; Humans; English**

**Prevention and Control:**

Search "Lymphoma/prevention and control"[Mesh] Filters: **Systematic Reviews; Humans; English**

**Risk Factors:**

Search ("Lymphoma"[Majr]) AND "Risk Factors"[Mesh] Filters: **Systematic Reviews; Humans; English**

6416

Topic: Asthma

Search "Asthma/epidemiology"[Majr] Filters: Systematic Reviews; Humans; English 158

Search "Asthma/prevention and control"[Majr] Filters: Systematic Reviews; Humans; English 132

Search ("Asthma"[Majr]) AND "Risk Factors"[Mesh] Filters: Systematic Reviews; Humans; English 166

8156

Alcoholism

Epidemiology:

**"Alcoholism/epidemiology"[Majr] Filters: Comparative Study; Full text; published in the last 5 years; Humans; English; Adult: 19+ years**

**59**

Prevention and Control:

**"Alcoholism/prevention and control"[Majr] Filters: Clinical Trial; Comparative Study; Full text; published in the last 5 years; Humans; English; Adult: 19+ years**

**48**

Risk Factors:

**"Alcoholism/risk factors"[Majr] Filters: Case Reports; Full text; published in the last 5 years; Humans; English; Adult: 19+ years 33**

**8622**

## **Epidemiology**

Search "Sex Offenses/epidemiology"[Majr] Filters: **Case Reports; Humans; English 10 references**

## **Prevention & Control**

Search "Sex Offenses/prevention and control"[Majr] Filters: **Comparative Study; Full text; Humans; English 38 references**

## **Risk Factors**

Search ( "Sex Offenses/economics"[Majr] OR "Sex Offenses/mortality"[Majr] ) Filters: **Full text; Humans; English 16 references**