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MPH Theory & Practice Seminar Assignment Three: Public Health Informatics

Jonathan Eldredge

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Assignment Three: Public Health Informatics

Jon Eldredge, PhD

Number _____

OBJECTIVE:

This project will require you to perform literature searches on assigned subjects in prescribed databases to demonstrate the searching skills learned in this seminar.

METHODS:

You will be assigned one (1) search topic to search in PubMed from each of the following roster of subjects for both Basic and Advanced categories. For each search topic you should complete a table and write a narrative description of how you conducted your search so the search could be replicated. Document specifically by: 1. Indicating the number of references found; 2. Table summarizing steps; 3. One-page narrative text for each of the two searches describing your searches in enough detail for another to replicate, including the "Search History" pasted into the text document.

PubMed Basic Searches

This PubMed search should be limited to English-language, full text, Human, published within the past five years, plus any other limits appropriate for answering the question. You might need to use the "Restrict search to major topic headings only" option.

What are the methods for implementing school health services?

What is the epidemiology of Chlamydia infections among the aged (65+ years-old)?

What is the psychological impact on preschool children (ages 2-5 years-old) who have diabetes mellitus?

What are the economic effects of diabetes mellitus on adults aged 19-44 years-old?

What are the ethnological dimensions to adolescent suicide (ages 13-18 years-old)?

What are the economic consequences of alcoholism for adults aged 19-44 years-old?

What is the epidemiology of suicide among adolescents (ages 13-18 years-old)?

Can you locate review articles on the epidemiology of obesity among 2-5 year-olds?

What's the mortality rate for septic shock?

What methods are effective for tobacco use cessation?

What are the economic effects on society of alcoholism among adolescents?

What is the incidence of systemic lupus erythematosus in 19-44 year-olds, as reported in narrative review articles?

What is the emotional (psychological) impact of having Asperger Syndrome, as published in the journal literature within the past five years?

PubMed Advanced Searches

This PubMed search should be limited to English-language, full-text and Human, plus any other limits appropriate for answering the question. Do not use subheadings in this search. You might need to use the “Restrict search to major topic headings only” option.

- What are the socioeconomic factors associated with obesity, according to articles published within the past year?
- What’s the connection between rural health services and oral health?
- How does telemedicine affect rural health services, as reported in articles published within the past 3 years?
- What’s the quality of life for a spouse abuse victim?
- Can you find any articles published within the past 10 years on program evaluation of harm reduction efforts?
- What risk factors have been identified for sexually transmitted diseases?
- Does dietary fat increase the probability of developing colon cancer in adults (19-44 years-old), as reported in narrative reviews?
- What’s the relationship between fructose and obesity?
- What’s the prevalence of HIV infections in the Arab population?
- What is the psychological situation for a child of impaired parents, involving alcoholism, as discussed in narrative review articles?
- Can you find any randomized controlled trials on the primary prevention of sexually transmitted diseases published within the past 3 years?
- Are socioeconomic factors related to (sexual) impotence?
- What harm reduction efforts have been pioneered for helping people with HIV infections?
- Do adolescents (13-18 years-old) have socioeconomic factors associated with gonorrhea?
- Does eating yogurt affect one’s bacterial vaginosis?
- What is the incidence of systemic lupus erythematosus in the Hispanic population?
- What’s the relationship of caffeine to breast cancer?

PsycINFO Searches:

Find and insert within the brackets [] the number of references to the 2008 English-language publications in PsycINFO on all subjects on the following list. For one (1) topic unique to you, and selected in conjunction with the instructor, write a one-page narrative text describing your search in enough detail for another to replicate, including the PsychINFO “Search History” pasted into the text document.

- Adolescent fathers []
- Alcoholism []
- Asperger Syndrome []
- Beck Depression Inventory []
- Child neglect []
- Cognitive bias []
- Developmental disabilities []
- Diabetes Mellitus []

Fetal Alcohol Syndrome []
 Health care policy []
 Motivational Interviewing []
 Obesity []
 Partner Abuse []
 Racial and ethnic groups []
 Rural environments []
 Sexually transmitted disease []
 Suicide []

RESULTS:

Your deadline for the complete project, including the detailed de-identified (assigned number only) text and tables for each search subject, will be **6:00pm** Mountain Time on **Wednesday September 10th**. You will lose half a letter grade on your completed project for each successive four hours late. Email your assignment to Dr. Eldredge at jeldredge@salud.unm.edu in order for him to assess your skills prior to class on Thursday September 11th.

Your project will consist of this completed worksheet plus a one-page limit narrative text, *per search*, that concisely describes your searches in sufficient detail and clarity that another class member could replicate your search exactly. The narrative text should include the exact search strategies that you utilized, as copied and pasted directly from the “History” function page in the database. Second, your narrative text must be accompanied by the prescribed table that summarizes your successive search attempts so the exact same search can be replicated on the basis of the information you provide in the table.

CONCLUSION:

You will be graded in a two-step process. Dr. Eldredge will review and assess your documented searches. At least one of your classmates will anonymously provide a peer assessment of your project. Therefore, bring two (2) printed copies of your project to class on Thursday September 11th. Both Dr. Eldredge’s and your classmates’ assessments will adhere to the following assessment rubric, based on their efforts to replicate the searches:

30%	Replicability of the searches on the basis of the narrative	1	2	3	4	5
30%	Replicability of the searches on the basis of the table	1	2	3	4	5
10%	Completeness: is there anything important left out?	1	2	3	4	5
10%	Conciseness: is there unnecessary detail?	1	2	3	4	5
20%	Do the methods reflect techniques learned in class?	1	2	3	4	5
--	Overall Quality of Searches	1	2	3	4	5

Legend: 1 = Lowest; 5 = Highest adherence to standards

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