2011

MPH Principles of Public Health: Screening Assessment for Matriculating MPH Students

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SCREENING ASSESSMENT
New MPH Program Students 2011
Med 2 Classroom

Name _____   Date/Time: August 19, 2011 10:30-1:00pm

UNM email _____ @salud.unm.edu

Other email_____

These exercises are designed to assess your library/informatics skills so we can tailor our training sessions to meet your needs as a new student in the MPH Program. You will need approximately **110 minutes** to complete these exercises. This assessment should be completed inside the UNM Health Sciences Library and Informatics Center (HSLIC) and the Med 2 Classroom *without any assistance* from anyone else.

You are not expected to know how to perform every skill asked of you on this assessment. Some questions are intentionally difficult since these questions help us to assess your existing skills. We have included a box to check next to the phrase "Do Not Know" for you to indicate that you do not know how to perform the stated skill. Normally, we favor collaboration, but on this *one* assessment we must ask you to refrain from working with others. HSLIC employees have been alerted to not assist you, this one time.

Why is this Important?

The Public Health Oath includes several references to these essential skills:

I will rely on evidence to support my decisions and actions, and translate that evidence into policies and programs that improve health for all.

I will add to the body of research and knowledge and share my discoveries freely.

I will continuously seek new information and be open to ideas that can better protect and promote the health of populations.

Reference: The Public Health Oath. Mailman School of Public Health. Columbia University:
<http://www.mailman.columbia.edu/about-us/school-mission/public-health-oath>

Section I. Identify and Locate Relevant Information Resources

Access the UNM Health Sciences Library and Informatics Center (HSLIC) website's home page at http://hsc.unm.edu/library/ to complete many of the questions below.

1. Using the "All Databases" link, find the following textbook within *Access Medicine*:

Bodenheimer & Grumbach. *Understanding Health Policy*. Fifth Edition.

Who holds the copyright for this text? _____

Print the home page with an image of the physical textbook with the table of contents and attach it to this packet.

☐ Do not know

2. Also, in *Access Medicine* find and open to the home page of *Harrison's Online*. What is the title of Part 8?

_____ ☐ Do not know

3. In *Access Medicine*, perform a full-text advanced search of all books on "neoplasm incidence" and list the <u>book title</u> that contains the topic titled "Incidence Rate" below:

_____

☐ Do not know

4. Now, return to the HSLIC home page. Using the "Find Journals" link, find the most recent issue of *American Journal of Public Health* and provide the following information: The first seven (7) words from the title of an article of individual interest to you in the "Research & Practice" section:

_____

Date _____ First Author _____

☐ Do not know

5. From the HSLIC home page, use the Catalog to find using the title search function the latest print edition owned by HSLIC of one of the title listed next to the *first* letter of your *first* name:

A-B   *Silent Victories: the History and Practice of Public Health in Twentieth Century…*

C-E   *Social and Behavioral Foundations of Public Health.*

F-G   *Essentials of Public Health*

H-J   *101 Careers in Public Health*

K-L   *Essentials of Public Health Communication*

M-P   *National Incident Management System*

Q-S   *Evidence Based Public Health*

T-Z   *Textbook of International Health: Global Health in a Dynamic World.*

List the call number here:

Last name of the first author/editor:

Color(s) of book on shelf:

Location in HSLIC:

Please do not remove book from its correct place on the shelf.   ☐ Do not know

6. Find the reserve module for the Public Health 502 course taught by Dr. Tollestrup. Does it have items on reserve?   Yes   No   (circle one)

☐ Do not know

7. Find a bound print volume of *American Journal of Public Health*.

What is the color of the binding? _____

What volume did you view on the shelf? _____   What year? _____ ☐   ☐ Do not know

8. In the Catalog, again, use a keyword search for "diabetes" and indicate the number of entries _____. Modify this search involving diabetes to only books published since 2008. How many items did you retrieve? _____

☐ Do not know

9. Now, return to the HSLIC home page. Using the Databases link, find the following resources and carefully read each description or associated help sheet, if available.

- Cochrane Library

- Latin American Social Medicine Database

- MedlinePlus

- Native Health History and Research Databases

- PubMed

Check off the <u>one</u> (1) database that you think will be most valuable to you during your MPH Program experience:

In about 50 words, explain why:

☐ Do not know

10. From the HSLIC home page, click on the PubMed database.

Approximately how many references can you access via PubMed? _____million

☐ Do not know

11. Using the MeSH Database, one MeSH subheading, and appropriate limits in PubMed answer the following questions:

- What are the most effective strategies for preventing teen pregnancy in the US?

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

- What is the psychological effect of obesity, as published in the journal literature within the past five years?

☐ Do not know

12. While the final set of references are displayed, please click on the "History" tab. **Print** the search history. Be sure to label it with your name and attach it to this screening assessment.

4

☐ Do not know

13. From the HSLIC homepage, access the Interlibrary Loan service through the link. Click on the links "Fees" and "Frequently Asked Questions" to answer the following questions:

How much, if anything, does it cost HSC students to obtain articles from other libraries? _____

How many days turn-around time occurs for article delivery, on average? _____

Section II. Evaluate Information

1. Access the following website using the Internet Explorer web browser: http://www.health.state.nm.us

☐ Do not know

2. Find information about "skin cancer" at this same site. How many links specific to the NM Department of Health site did you find among the first ten (10) listed websites? _____. In about 30 words, evaluate the navigatibility of the DoH site.

☐ Do not know

3. Access the following website: http://www.sjwinfo.org

4. Evaluate below, in about a 50 word summary, the accuracy of the information at this site, as if you were asked to perform this evaluation as part of a concise class presentation:

☐ Do not know

5. Find a website that provides a relevant and accurate answer to the question "What is the prevalence of diabetes mellitus in New Mexico?"

6. List the URL of the best site _____

7. What search engine other than Google did you use (AltaVista, Bing, Dogpile, Excite, etc) _

_____

8. Critically appraise the quality of the information found on this (#6) website:

Strengths:

Weaknesses:

☐ Do not know

9. List two (2) strengths and two (2) weaknesses of each type of information source:

Websites

Strength 1.

Strength 2.

Weakness 1.

Weakness 2.

Journal Articles
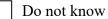
Strength 1.

Strength 2.

Weakness 1.

Weakness 2.

Books:

Strength 1.

Strength 2.

Weakness 1.

Weakness 2.

☐ Do not know

9. What is the highest level of evidence involving a single research study for an intervention form of Evidence-Based Public Health question?

☐ Do not know

10. Define in 50-60 words the core characteristics of "Editorial Peer Review"

☐ Do not know

11. If your client, patient, community partner or colleague asked you for the name and URL of a reliable health information website for someone without much background in the health sciences, what website would you recommend?

Sponsoring organization: _____

URL: _____

In at least 40 words, please explain why:

☐ Do not know

Section III. Use and Communicate Information

Using PowerPoint, perform the requested task for questions 1-2 below:

1. Create a new slide show using one of the following Design Themes in Powerpoint:

Opulent
Solstice
Verve

☐ Do not know

2. Using your selected PowerPoint template, create a three slide show that briefly outlines: (1) who you are, (2) your background, (3) why you want to become a public health practitioner, and (4) what one library/informatics skill would you like to learn this fall. Feel free to insert any copyright-compliance images with attributions.

7

Print this four-slide slideshow as a one-page handout and attach it to this screening assessment

☐   Do not know

QUESTIONS 3-7: There are two (2) major forms of referencing in public health. 1. International Committee of Medical Journal Editors Uniform Requirements for Manuscripts Submitted to Biomedical Journals ("Vancouver Convention"); and, 2.The American Psychological Association (APA) style. Most of questions 3-7 relate to these styles.

3. Review the APA reference below:

Vartanian, L.R., Schwartz, M.B., & Brownell, K.D. Effects of soft drink consumption on nutrition and health. (2007). *American Journal of Public Health*, 97, 667-672.

What is the journal title? _____

What is the volume number? _____   Last name of second author? _____

4. Review the Vancouver Convention ("Uniform Requirements") reference below:

Eldredge JD. How good is the evidence base? In: *Evidence Based Practice for information professionals*. Booth A, Brice A, Eds. London: Facet Publishing, 2004; 36-48.

Who is the author? _____

What kind of publication is this? Circle one: Book   Book Chapter   Journal Article   Other

☐   Do not know

5. Write as complete sentences at least two (2) major reasons that you should cite references when reporting on your learning issues in Problem-Based learning (PBL) tutorials or when writing a paper/report:

Reason #1

Reason #2   ☐   Do not know

6. In 40-60 words, explain when you should cite a source (including images) in a paper or report.

☐ Do not know

7. Access the NLM citation page at: http://www.nlm.nih.gov/bsd/uniform_requirements.html
Use the following information to create an appropriate journal article citation according to the "International Committee of Medical Journal Editors Uniform Requirements for Manuscripts Submitted to Biomedical Journals" ("Vancouver Convention") format:

Date: July 2006   Number: 3   Volume: 7

Article Title: Using community-based participatory research to address health disparities.

Author: Nina B. Wallerstein and Bonnie Duran

Journal Title: Health Promotion Practice

Pages: 312-323

Write your citation here using advice on the NLM website above:

☐ Do not know

8. What is your HSC NetID (aka GroupWise login, not your password, please!)? If you don't know your HSC NetID, you can locate it with the HSC directory at:
http://myportal.health.unm.edu

My NetID is_____
My email address is_____   When done, circle   YES

☐ Do not know

9. For those with new accounts: Have you changed your temporary password for your HSC NetID? Your temporary password is HSC + last 4 numbers of your Social Security number and your last name initial, example: HSC3898js. (Please note this is case sensitive). If not, go to https://mypw.health.unm.edu and change your password. When done, circle   YES

☐ Do not know

10. Have you input a Password Challenge Response at https://mypw.health.unm.edu? This tool is particularly helpful. When done, circle   YES

☐☐ Do not know

11. Access your GroupWise account by clicking the GroupWise icon in the lower left-hand corner of the screen. When done, circle   YES

12. Reply to an email from jeldredge or Jonathan Eldredge in your mailbox.

☐ Do not know

10. Reply again to the same email, but this time, please attach a Word document (you can make a fake one) or a PDF file.

☐ Do not know

11. Block off the following dates and times with the words "MPH Informatics Training" in your own calendar:

Thursday October 13, 2011 6:00-7:00pm   HSLIC 226 Classroom

Thursday October 27, 2011   6:00-7:00pm   HSLIC 226 Classroom

Dr. Eldredge will notify you via email as to what dates/times you will need to attend.

☐ Do not know

Be sure to attach the requested printouts for questions I-1, I-12, and III-2

Please return this screening assessment to Dr Eldredge within 110 minutes.