Information Skills and the Tier 3 Worker

GHSD 6320 FALL 2014

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Title: Short report: a placebo-controlled study of Lactobacillus GG colonization in oral sources: The American Journal of Tropical Medicine and Hygiene [0002-9637] Sheen, P

* We may have a print copy, Search the Library Catalog for availability.
Overview

- **Information Skills in the Core Competencies**
  - Analytic/Assessment
  - Communication
  - Evidence-based practice
  - Leadership and Systems-Thinking

- **Writing**
  - Importance of writing
  - Evaluating information

- **Citing**
  - Importance of citing

- **Plagiarism**
  - Definition
  - Examples
  - Solutions

- **How to locate and retrieve articles using a library**
  - Sources of information: Guides
  - Resources
  - Management: RefWorks or EndNote (web)
• **Analytic/Assessment Skills**
  - Determines data needed for assessing community health
    - 1C3
  - Ensures ethical principles
    - 1C4
  - Uses and evaluates data and information
    - 1C5, 1C6, 1C7, iC8, 1C9, 1C10
  - Makes evidence-based decisions
    - 1C14
    - 1C15
• Communication Skills
  ○ Ensures that health literacy of population is reflected in policies, programs and services
    ▪ 3C1
  ○ Conveys data and information to professionals and the public
    ▪ 3C5
Information-related
Core Competencies for Public Health Professionals
for Tier 3 Workers

- **Public Health Sciences Skills: Evidence**
  - Explains limits and ensures use of evidence, ethical conduct of research, contributes to evidence and maintains partnerships which increase use of evidence
    - 6C6, 6C7, 6C8, 6C9, 6C10

- **Leadership and Systems Thinking Skills**
  - Incorporates ethical standards of practice
    - 8C1
Importance of Writing

- **Writing:**
  - Forces you to clarify what exactly you mean and what you plan
  - Is a mechanism to persuade people to take action
  - Demonstrates your professionalism
Evaluating information

- Is it peer reviewed?
- Is it the primary source?
- Who is sponsoring the research?
- What is the credibility of the organization?
- Have other researchers cited this source?
Citing
Importance of Citing

• Health decisions should be based on **facts and data**, not just opinions
• Finding and citing **primary** references forces you to correct your assumptions and demonstrates the importance of data-based decisions to others
• Neglecting to properly cite references is considered plagiarism
Format a document with citation management software

Install WriteNCite

Insert citation in document

Create bibliography

In the spirit of One Health, a strong U.S. public health capacity of HINARI-eligible institutions in low- and middle-income countries ensures the protection of population and individual health through the implementation of integrated approaches.

Plagiarism
What is plagiarism?

- Plagiarism is using another person’s writing as your own. It is a serious breach of ethics and the SPHTM Code of Academic Conduct.

- Plagiarism usually happens as a result of carelessness but sometimes is a result of intent. Most professors, journals, and organizations don’t try to differentiate.
Why is addressing plagiarism important?

- Plagiarism (using words or ideas of others) reflects badly on you and on the profession.
- It is easy to do inadvertently.
- Most of our professors use web-based programs to scan papers for plagiarism.
Common Pitfalls

- Direct quote with no quotation marks or references
- Paraphrase with no quotation marks or references
- Borrowed concept with no reference
The health of mothers during pregnancy depends on their health throughout all of life before their first pregnancy, and that will vary according to their social and family circumstances, which in turn will affect not only their diet, smoking, exercise, and alcohol consumption, but also their mental well-being and coping skills.

Wadsworth, 1999 (pp.46-47)
• According to Wadsworth, “the health of mothers during pregnancy depends on their health throughout all of life” (Wadsworth, 1999. p. 49). – Direct quote
• Wadsworth points out that events that take place all the way through a woman’s life prior to pregnancy have an impact on her diet and substance use, and through these, on her health during pregnancy (Wadsworth, 1999). – Paraphrase
• Wadsworth, in reviewing the determinants of health during pregnancy, pointed out the importance of the entire life course (Wadsworth, 1999). - Summary
Using Quotations

- Use quotation marks for all direct quotes
- Indent long quotations
- Use quotations to support what you say, not to present thesis and main points
Students use Wikipedia and don’t cite, thinking the information is “common knowledge”

Rutgers University Study
- 40% of 14,000 undergraduates admitted to copying a few sentences in written assignments
- % of students who believe copying from the Web constitutes “serious cheating” has dropped from 34% to 29%

Information in cyberspace with no author— still needs to be cited!
In the Age of the Internet

- Bottom Line—same rules apply
- Sources should be cited regardless of their medium or author status
  - Print, electronic, etc.
  - Listed author, multiple authors, agency, anonymous, etc.
Rules for Avoiding Plagiarism

• **Always cite:**
  - An original idea derived from a source
    - quoted or paraphrased
  - Your summary of original ideas by a source
  - Factual information
  - Any exact wording copied from a source

• **Questions to ask yourself:**
  - Did you get your idea from or refine your idea because of a source?
  - Did you use the words of that source?
When is it ok not to cite?

- Personal experiences
- Explanation of your values
- Reflections

Beware of assuming something is “common knowledge”
Solutions
Using the Library to avoid plagiarism
Sources of Health Information

- Books
- Databases
  - Research Papers in peer-reviewed scientific journals
- Encyclopedias and Dictionaries
- Journals
- Websites
  - The academic web
  - Government Agencies
  - Non-Profits in the Public Sector
How to locate and retrieve journal articles

1. Locate: search on line for Oberhelman and Peru
   • GS = 750, PubMed = 22

2. Retrieve: use TU link or order
   • If online access, select vendor and observe similar articles
   • If no online access, you will be directed to search the catalog for its physical location before requesting it via Interlibrary loan

OR use ILL
3. Cite: save results and turn into citations
   - Create a MyNCBI account
   - Export to RefWorks
   - Create references in RefWorks using WriteNCite4
   - In Tools, download WriteNCite4 which installs ProQuest for Word
   - Format a document

More about citing bibliographic information

- Avoid plagiarism: use RefWorks
  - Use PubMed to RefWorks handout
  - Make an appointment with a librarian
  - Attend a noon workshop
    - Tuesday September 23, 12-12:45
    Introduction to EndNote/EndNote Web (Keith Pickett)
- Use a tutorial
  - http://libguides.tulane.edu/citemanagement
  - http://libguides.tulane.edu/matasonlinetutorials
Thank you!

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