University of New Mexico

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Theory and Practice Seminars 2001-2009   MPH

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MPH Theory & Practice Course Semester B

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Library & Informatics Literacy MPH Theory and Practice Course

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Introduction

Monday, September 27, 2004

Competencies

The Public Health Faculty/Agency Forum: Linking Graduate Education and Practice. Final Report:

"...a set of universal competencies appropriate to all public health students, faculty, and professionals."

Competencies

Analytic Skills :

- Defining a problem

- Evaluating the integrity and comparability of data....

- Understanding basic research designs used in public health

Competencies

Policy Development/Program Planning Skills

- **Collecting and summarizing data relevant to an issue**

  - Bureau of Health Professions, Centers for Disease Control, 1990

Group Discussion of MEDLINE Assignment

❑ What have we learned?

❑ Where did we run into problems?

❑ How will we do it better next time?

❑ "History" in PubMed or Main Search Page in Ovid

Avoiding Bias

" An implicit goal of the scientific method is to minimize bias, for therein lie some of the greatest sources of experimental blunder."

Neil de Grass Tyson

Quality Filters

- Editorial Peer Review
- MEDLINE Limits by Publication type
- MEDLINE Clinical Queries
- Other Databases?
  - PsychINFO
  - Social Sciences databases

Quality Filters: Editorial Peer Review

1. Extent of Editorial Peer Review

2. Decision Points in the Process

3. Blinding

4. Acceptance Rates

5. Guidelines for Reviewers

Quality Filters: MEDLINE

Limit by:

Publication Type

Quality Filters: MEDLINE

Clinical Queries

Quality Filters: Other Databases?

- PsychINFO

- Social Sciences databases

- Others?

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