# Development, Dissemination, and Utilization of Public Health Systems Research and Resources

F. Douglas Scutchfield<sup>1</sup>, M.D., Michelyn W. Bhandari<sup>2</sup>, Dr.P.H., Nikki Lawhorn<sup>1</sup>, MPP, Ashley McCarty<sup>1</sup>, BS, and Rick Ingram<sup>1</sup>, M.Ed., Laura Racster<sup>1</sup>, BA

<sup>1</sup>University of Kentucky, College of Public Health <sup>2</sup>Eastern Kentucky University

Funded by the Robert Wood Johnson Foundation & the National Library of Medicine

#### Background

- Public health systems research (PHSR) has been hampered by the lack of a systematic resource that responds to the information needs of researchers in this developing field
- The University of Kentucky proposed the development of an inventory of research resources appropriate for PHSR in conjunction with the NLM and sponsored by the Robert Wood Johnson Foundation

#### Project Objectives

- To identify and create descriptive records of public health datasets and instruments to be catalogued in the HSRR database as having utility for PHSR
- To disseminate information about the new NLM PHSR topic subset of the Health Services Research Resources (HSRR) database to the research community
- Promote the use of these resources

# Project Phases 1 & 2: Completed

- Conducted a comprehensive review of the existing HSRR listings to identify datasets/collection instruments in the existing HSRR database that have utility for PHSR
- Conducted detailed and thorough searches for potential sources of information from public health organizations and agencies
- 125 databases identified and tagged on NLM website; 7 new records are in the process of being added
  - See <a href="http://www.nlm.nih.gov/nichsr/hsrr\_search/">http://www.nlm.nih.gov/nichsr/hsrr\_search/</a> to browse list of currently tagged datasets

- Identify potential PHSR researchers with datasets that are public and would be available to new researchers
  - Complete a literature review using PHSR keywords to identify articles (published and grey literature) that will help us identify additional projects, datasets, and data collection instruments to be added to the PHSR subset of HSRR

- Search relevant literature, through commonly used search tools such as PubMed
- o Key PubMed search terms:

Public Health Systems, Infrastructure, Performance, Assessment, Standards, Workforce, Utilization, Surveillance, and Capacity

- Journal categories and number of journals searched after consultation with public health librarian:
  - Health care policy- 6
  - o Health care management- 3
  - o Medicine- 1
  - o Public health management- 2
  - Health promotion and education- 4
  - o Public health- 9

- An initial PubMed search of relevant journals going back to 2005: 1641 articles found, 7 new datasets found for inclusion
- Weekly journal surveillance has been set up using PubMed automatic updates

#### Dissemination

- Present at national conferences such as AcademyHealth, APHA, and Regional Medical Librarians Annual Conference
- 2) Faculty and dissertation mini-grants to promote use of PHSR data
- 3) Journal Supplement in journal to be named
- 4) First Annual Keeneland PHSR Conference
- 5) Develop on line community to disseminate monthly updates about new PHSR resources identified

Send any suggestions on how to improve our dissemination efforts to Rick Ingram at rcingr2@email.uky.edu

#### Public Health Librarians

- Public health librarians are an excellent research resource
- If you would like to know more information about how public health librarians can assist your PHSR efforts, contact Rick Brewer, Medical Center Librarian, at rick.brewer@uky.edu

#### Mini-Grant Program

- Increase use of PHSR resources through supporting small research projects
  - 1) Five grants of \$10,000.00 each will be awarded to post-docs or junior faculty within 3 years of terminal degree, we have awarded 7 minigrants through two rounds already
  - 2) Five grants of \$10,000.00 each will be awarded to doctoral students who have completed all qualifying examinations and are prepared to start on a dissertation or its equivalent
  - 3) Grantees must have a mentor at an institution with PHSR experience and capacity to support PHSR
  - 4) If interested in applying for these funding opportunities, go to www.keenelandconference.org

#### Mini-Grant Program Continued

- Projects should address research needs as set forth by the Council on Linkages between Academia and Public Health Practice document, "Public Health Systems Research: Summary of Research Needs"
- Projects will preferably (but not necessarily) use a dataset or instrument tagged PHSR in the NLM HSRR database

# 1<sup>st</sup> Annual Keeneland Conference

- April 9<sup>th</sup> 11<sup>th,</sup> 2007 Lexington, Kentucky
- o Purpose
  - 1) Presentation by senior PHSR researchers
  - 2) Presentation and discussion of the research done by PHSR mini-grant recipients
  - 3) Networking forum for junior and senior faculty with PHSR researchers
- Visit <u>www.keenelandconference.org</u> for more information
- Sponsored by the Robert Wood Johnson Foundation

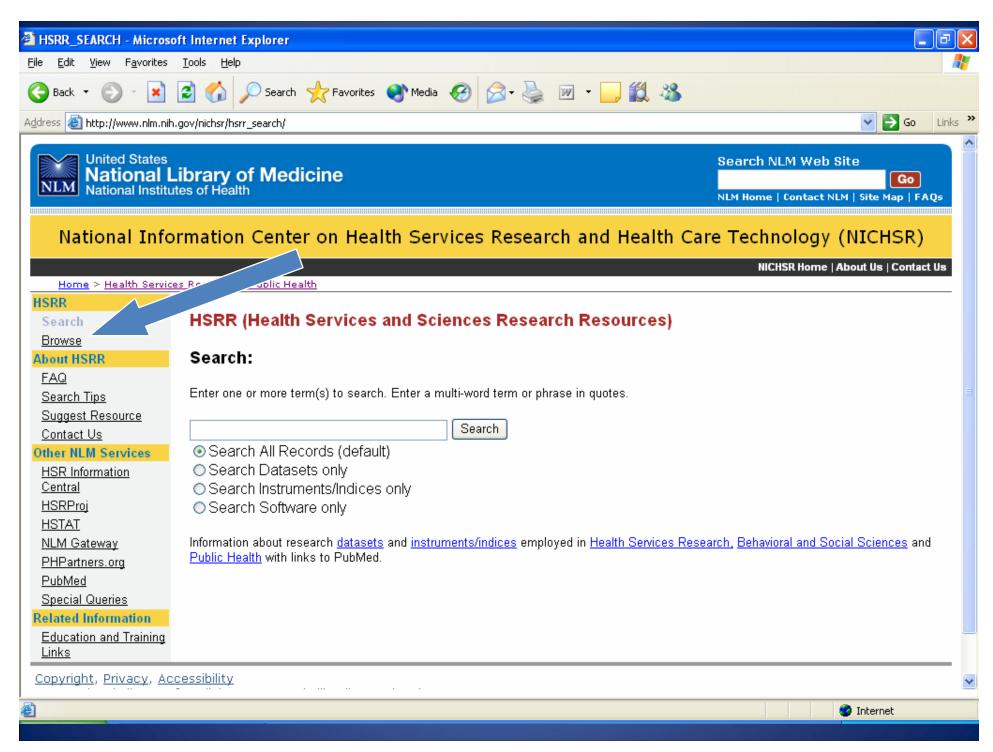


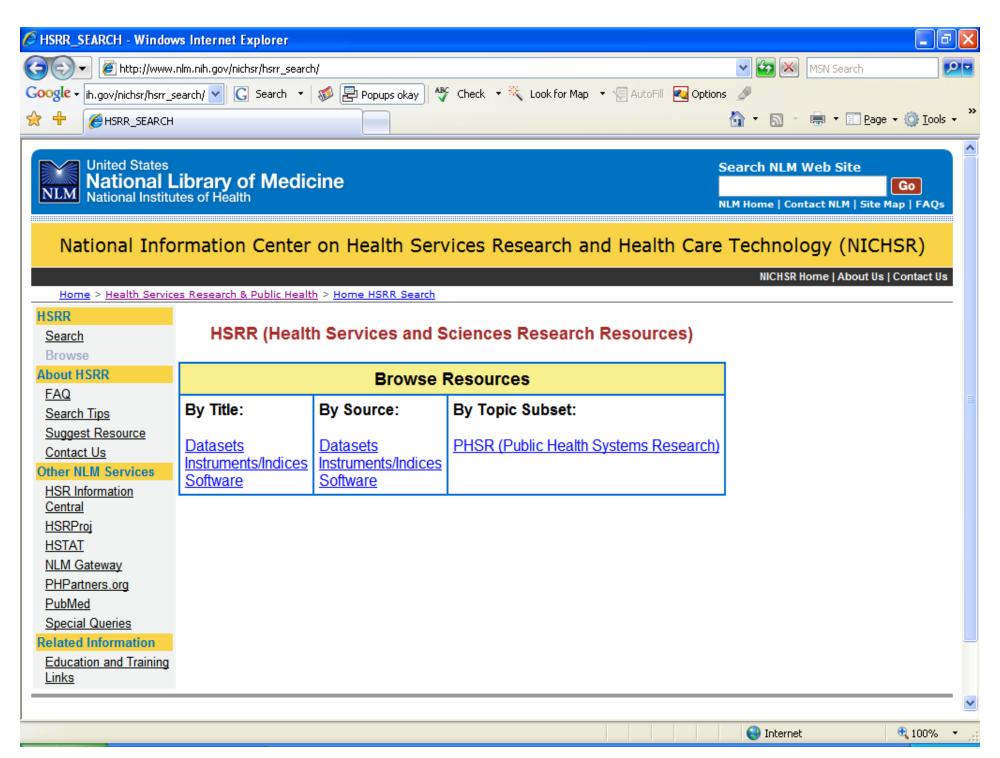
#### The Place to Look

 To find PHSR data, go to NLM Database Central <a href="http://www.nlm.nih.gov/nichsr/hsrr\_search/">http://www.nlm.nih.gov/nichsr/hsrr\_search/</a>

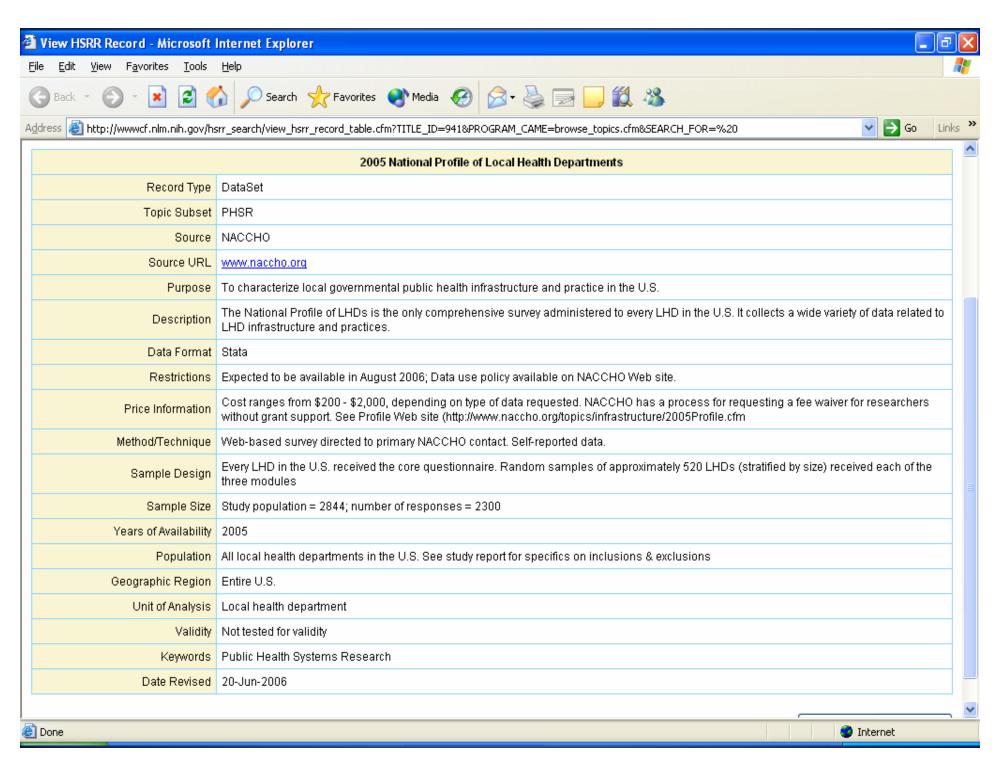
o Click "Browse"

Click "PHSR" under topic subset









#### How You Can Help

- o If you have a data set or instrument that could be included in the PHSR subset of the National Library of Medicine's HSRR website, or for more information please contact:
  - Rick Ingram, M.Ed.rcingr2@email.uky.edu859-218-2020