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## NLM Database Central: The First place to look for your PHSR research data

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# *NLM Database Central: The First Place to Look for Your PHSR Research Data*

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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 a database for PHSR in conjunction with the NLM and sponsorship from the Robert Wood Johnson Foundation, which will strengthen the capacity to conduct research in the field.

# Project Objectives

1. To identify and create descriptive records of public health data sets and instruments for inclusion in the PHSR database to be maintained by the NLM
2. To disseminate information about the new NLM PHSR database to the research community

# Project Phase 1: Completed

- Conducted a comprehensive review of the existing web listings on Health Services Research Resources (HSRR) and HSRProj to identify “low hanging” data sets and collection instruments in the existing HSRR database that have utility for PHSR

# Project Phase 1: Progress Report

- Approximately 25 databases already existing on the NLM HSRR were identified as PHSR
  - These databases should be considered ancillary data sets for use by PHSR researchers
- The following types of data sets were “tagged” as PHSR on the NLM website:
  - state specific public health statistics
  - health behavior related data sets
  - hospital and ambulatory care
  - dental health
  - access and delivery of public health services

# Project Phase 2: Ongoing

- Detailed and thorough searches for potential sources of information from public health organizations and agencies that should be included on the HSRR site:
- These sources include, but are not limited to:
  - Centers for Disease Control and Prevention,
    - National Public Health Performance Standards Program data
  - National Association of City and County Health Officials (NACCHO),
    - Profile of Local Health Departments
  - Association of State and Territorial Health Officials (ASTHO)
    - Salary Survey
  - Public Health Foundation (PHF)
    - Data from [Train.org](http://Train.org) system

# Project Phase 2: Progress Report

- Data sets that have been identified and have been and/or will be described and available in the near future
  - NACCHO Profile of Local Health Departments (latest version and previous versions)\*\*
  - NPHPSP data
  - ASTHO salary survey
  - Public health expenditures data from PHF
  - Workforce data from [www.train.org](http://www.train.org) system (PHF)
  - Community Health Status Indicators (PHF)
  - Consolidated Federal Funds Report (US Census Bureau)
  - Data from Centers for Medicaid & Medicare Services\*\*
  - Data elements identified from review of HP2010 Focus Area 23—Public Health Infrastructure
  - Various data sources found on [www.communityPHIND.net](http://www.communityPHIND.net)
- \*\*A total of 5 datasets have been added to the PHSR subset on HSRR



# The Place to Look!

- To find PHSR data, go to NLM Database Central
- [http://www.nlm.nih.gov/nichsr/hsrr\\_search/](http://www.nlm.nih.gov/nichsr/hsrr_search/)
- Click “Browse”
- Click “PHSR” under topic subset

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### Search:

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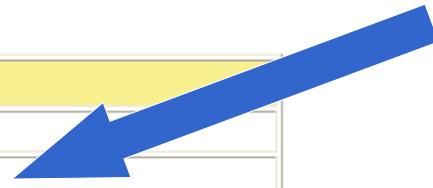
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Browse PHSR Titles	
1	<a href="#">1996-7 National Profile of Local Health Departments</a>
2	<a href="#">2005 National Profile of Local Health Departments</a>
3	<a href="#">American Legacy Longitudinal Tobacco Use Reduction Study</a>
4	<a href="#">American Stop Smoking Intervention Study</a>
5	<a href="#">Behavior and Symptom Identification Scale</a>
6	<a href="#">Child Health and Illness Profile--Adolescent Edition (CHIP-AE)</a>
7	<a href="#">Coronary Artery Risk Development in Young Adults</a>
8	<a href="#">Dental Sealant Grant Database</a>
9	<a href="#">Fluoridation Census</a>
10	<a href="#">Global Youth Tobacco Survey</a>
11	<a href="#">Global Youth Tobacco Survey Datasets</a>



### 2005 National Profile of Local Health Departments

Record Type	DataSet
Topic Subset	PHSR
Source	NACCHO
Source URL	<a href="http://www.naccho.org">www.naccho.org</a>
Purpose	To characterize local governmental public health infrastructure and practice in the U.S.
Description	The National Profile of LHDs is the only comprehensive survey administered to every LHD in the U.S. It collects a wide variety of data related to LHD infrastructure and practices.
Data Format	Stata
Restrictions	Expected to be available in August 2006; Data use policy available on NACCHO Web site.
Price Information	Cost ranges from \$200 - \$2,000, depending on type of data requested. NACCHO has a process for requesting a fee waiver for researchers without grant support. See Profile Web site ( <a href="http://www.naccho.org/topics/infrastructure/2005Profile.cfm">http://www.naccho.org/topics/infrastructure/2005Profile.cfm</a> )
Method/Technique	Web-based survey directed to primary NACCHO contact. Self-reported data.
Sample Design	Every LHD in the U.S. received the core questionnaire. Random samples of approximately 520 LHDs (stratified by size) received each of the three modules
Sample Size	Study population = 2844; number of responses = 2300
Years of Availability	2005
Population	All local health departments in the U.S. See study report for specifics on inclusions & exclusions
Geographic Region	Entire U.S.
Unit of Analysis	Local health department
Validity	Not tested for validity
Keywords	Public Health Systems Research
Date Revised	20-Jun-2006

# Information Available from NLM Database Central

- Title
- Source:
- Source URL
- Purpose & Description
- Restrictions and/or Special notes
- Data format
- Method/Technique
- Sample design
- Sample size
- Sampling fraction
- Number of observations
- Validity & Reliability
- Population
- Unit of observation
- Geographic region
- Years of Availability
- Variables
- Price information
- Dates created, collection, &/or revised

**\*\*See handout for further explanation and process for creating the description\*\***

# Project Phase 3: Ongoing

- Identify potential PHSR researchers with data sets which are public and would be available to new researchers
- Work with NLM to complete a search of literature, using PHSR keywords to identify researchers who have published in the refereed literature and may have developed data sets
- Review Health People 2010 Focus Area 23—Public Health Infrastructure—to locate possible data sets

# Project Phase 4: Ongoing

- Dissemination

- NLM to use existing mechanisms for dissemination
- NLM to provide materials at national conferences likely to be attended by PHSR researchers such as AcademyHealth and APHA
- UK to make presentations at conferences sponsored by organizations such as AcademyHealth, APHA, ASTHO and NAACHO

- Mini-grants to promote use of PHSR data—COMING SOON!!



# Mini-grant Program

- Mini-grants will be given to support small research projects (secondary data analysis) which use a dataset or instrument contained in the NLM PHSR database
- Grant amount: ~ \$5000
- # of grants: ~10
- Targeted date to release RFP—August 2006

**\*\*See handouts**

(Note: Information presented is preliminary and is subject to change.)

# Mini-grant Program: Eligibility & Selection Criteria

- Post-docs or junior faculty within 3 years of terminal degree
- Must have a mentor at an institution with PHSR experience and capacity to support PHSR
- Proposed project must use a database found in the NLM PHSR database
- Proposed projects must address research needs related to public health organization and structure, finance, workforce, or technology, data, and methods as set forth in the following document:  
<http://www.phf.org/Link/phsr/agendas.pdf>

(Note: Information presented is preliminary and is subject to change.)

# Mini-grant Program: Use of Grant Funds

- Funds may be used for data related costs such as research assistant time, data processing, data analysis, meetings, supplies, project-related travel and other direct project expenses
- Funds may not be used to pay the applicant's salary and may not be used to pay indirect costs

(Note: Information presented is preliminary and is subject to change.)

# Mini-grant Program: Proposal

- Principle objectives
- Research methodology
- How findings complement existing PHSR and how it would advance the field of PHSR
- Dissemination plans
- Timetable
- Budget and narrative
- Qualifications of applicant and other project staff

(Note: Information presented is preliminary and is subject to change.)

# Mini-grant Program: Timeline & Reporting Requirements

- Projects must be completed within a one-year time period
- RFP released: August 2006
- Proposal deadline: October 1, 2006
- Notification of award: November 2006
- Grant will begin January 2007 and work must be completed by January 2008
- Report in the form of a manuscript ready to be published in a peer reviewed journal

(Note: Information presented is preliminary and is subject to change.)

# How can you help?

- 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:
  - Allison Amrhein, MPH  
[Allison.Amrhein@uky.edu](mailto:Allison.Amrhein@uky.edu)  
859-257-5678 ext. 82024
  - Michelyn Bhandari, DrPH  
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(859) 622-1145
  - F. Douglas Scutchfield, M.D.  
[scutch@email.uky.edu](mailto:scutch@email.uky.edu)  
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Questions??