# HSR & PH Information: NLM and Beyond

**June 3, 2007**

**Ione Auston, Catherine Selden, Lisa Sedlar, Librarians,**
**Vivian Auld, Tech Info Specialist**

**National Information Center on Health Services Research and Health Care Technology (NICHSR)**
**www.nlm.nih.gov/nichsr**

# NLM Staff Changes

- Dr. Clem McDonald - new director of Lister Hill National Center for Biomedical Communications

- Lisa Lang - new head NICHSR and Assistant Director for Health Services Research (starting June 18, 2007) coming from CMS Office of Clinical Standards and Quality

# Charting a Course for the 21st Century – NLM's Long Range Plan 2006-2016

**Plan for 2006-2016**

## NLM's Long Range Plan for 2006-2016

- Goal 1.Seamless, Uninterrupted Access to Expanding Collections of Biomedical Data, Medical Knowledge, and Health Information
- Goal 2. Trusted Information Services that Promote Health Literacy and the Reduction of Health Disparities Worldwide
- Goal 3. Integrated Biomedical, Clinical, and Public Health Information Systems that Promote Scientific Discovery and Speed the Translation of Research into Practice
- Goal 4. A Strong and Diverse Workforce for Biomedical Informatics Research, Systems Development, and Innovative Service Delivery

http://www.nlm.nih.gov/pubs/plan/lrp06/report/default.html

**Last updated:** 14 May 2007
**First published:** 14 May 2007
Metadata | Permanence level: Permanent; Stable Content

# What's new with…

- HSR & PH portal
- HSRProj, HSRR, HSTAT
- PubMed Central
- PubMed
- New Products and Projects

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http://www.nlm.nih.gov

Largest Library

Health Information
Library Catalog & Services
History of Medicine
Online Exhibitions & Digital Projects

Human Genome Resources
Biomedical Research & Informatics
Environmental Health & Toxicology
Health Services Research & Public Health
Health Information Technology

About the National Library of Medicine
Grants & Funding
Training & Outreach
Network of Medical Libraries

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Visible Proofs: Forensic Views of the

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**Especially for:**

- The Public
- Health Care Professionals
- Researchers
- Librarians
- Publishers

**Current Health News**

Daily Aspirin May Reduce Colon Cancer Risk

New Cholesterol Check Gauges Kids' Heart Risk (05/14/07)

Pool Safety Tips Keep Everyone's Head Above Water (05/14/07)

More Health News

**NLM News and Press Releases**

Marjorie Cahn Receives Ervin Award for Outstanding Contributions in Public Health (05/11/07)

New Web Resource for Accessing Information on Genetic Diseases (05/04/07)

**Search NLM Web Site**

Go

**List of NLM Databases and Resources**

PubMed®
Biomedical journal literature from MEDLINE/PubMed

MedlinePlus®
Health and drug information for patients, family and friends

DailyMed
High quality information about marketed drugs

PubMed Central
Free archive of life

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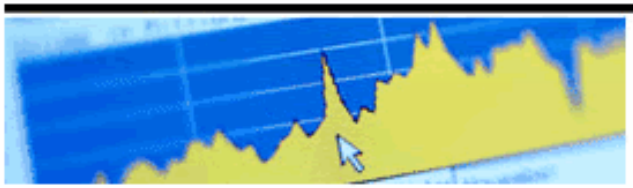
**www.nlm.nih.gov/hsrph.html**



# Health Services Research & Public Health Information Programs

Integrating Resources for Research and Practice



## Health Services Research

**Studying access, costs and quality**

## Public Health

**Promoting health for the population**

### Collaborative Projects

Health Services Research Information
A health services research portal

Partners in Information Access for the Public Health Workforce
A public health portal

### Databases

Health Services Research Projects in Progress (HSRProj)

Health Services/Sciences Research Resources (HSRR)

Health Services/Technology Assessment (Full) Texts (HSTAT)

American Indian Health

Arctic Health

Asian American Health

MIMCOM - Malaria Research Resources

Toxicology and Environmental Health

### Subject Access Projects

HSR Queries
Preformulated PubMed search filters

HP2010 Information Access Project
Preformulated PubMed search strategies and links to other resources related to Healthy People 2010

### Additional Information From

- National Information Center on Health Services Research and Health Care Technology (NICHSR)
  The NLM coordinating unit for HSR
- Specialized Information Services
  The NLM coordinating unit for Environmental Health and Toxicology
- History of Medicine
- National Network of Libraries of Medicine

### Related Products

- NCBI Bookshelf
- MEDLINE/PubMed
- NLM Gateway
- MedlinePlus®

## Outreach and Training

Finding and Using Health Statistics

Health Economics: Information Resources

Health Outcomes, Health Services Research Methodology, Health Economics and Health Policy Collection Development Lists

Health Technology Assessment 101 (HTA 101) PDF, 2.4MB; HTML version

History of HSR Initiative

NICHSR Introduction to HSR

Use and Integration of Freely Available U.S. Public Use Files to Answer Pharmacoeconomic Questions

Outreach Activities and Resources

Practical Resources for Public Health Data Organizations (PDF, 3MB)

Public Health Information and Data Tutorial

Public Health Outreach Evaluation Task Force

Toxicology Tutor

## Publications

Confidentiality of Electronic Health Data, CBM 95-10

E-text on Health Technology Assessment (HTA) Information Resources

For the Record: Protecting Electronic Health Information

Distance Education in Public Health, CBM 2003-3

Health Literacy, CBM 2000-1

Health Risk Communication, CBM 2000-7

Public Health Informatics, CBM 2001-2

Reports of the Surgeon General, 1964-2000

Understanding Health Literacy and Its Barriers, CBM 2004-1

## Informatics

Health Information Technology at NLM

- MedlinePlus®

### Related Pages

- Especially for Health Care Professionals
- Especially for Researchers

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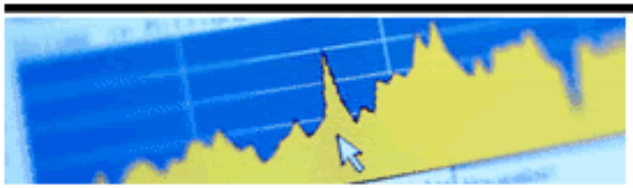

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Partners
in Information Access for
the Public Health Workforce

http://phpartners.org

*A collaboration of U.S. government agencies, public health organizations and health sciences libraries*

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## Our Mission

Helping the public health workforce find and use information effectively to improve and protect the public's health

**Public Health Topics:**

Bioterrorism Go

- Bioterrorism
- Environmental Health
- HIV/AIDS

- Health Promotion and Health Education
- Literature and Guidelines
- Health Data Tools and Statistics
- Grants and Funding
- Education and Training
- Legislation and Policy
- Conferences and Meetings
- Finding People
- Discussion and E-mail Lists
- Jobs and Careers

**What's New on PHPartners.org?**

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**Public Health Information and Data:**

Tutorial | Training Manual

**Research** is just a click away... HEALTHY PEOPLE 2010

**Resource Guide** for Public Health Preparedness

RGPHP

### Latest News

Sixtieth World Health Assembly Opens

New CDC and CSTE Online Training Course to Respond to Avian Influenza A (H5N1) Released

ASTHO 2007 Annual Meeting Call for Presentations

more news

Bioterrorism

Environmental Health

HIV/AIDS

# Environmental Health

Agencies and Associations | Children's Environmental Health | Hazardous Substances | Air | Water | Toxicology | Literature and Reports | Data Tools and Statistics | Education and Training | Legislation and Policy | Jobs and Careers

## Agencies and Associations

### Federal

- Agency for Toxic Substances and Disease Registry (ATSDR). - ATSDR is directed by congressional mandate to perform specific functions concerning the effect of hazardous substances in the environment on public health. These functions include public health assessments of waste sites, health consultations concerning specific hazardous substances, health surveillance and registries, response to emergency releases of hazardous substances, and education and training concerning hazardous substances. This site has links to numerous resources on hazardous chemicals and hazardous waste sites.
- Centers for Disease Control and Prevention (CDC) Environmental Health - Environmental Health at CDC strives to promote health and quality of life by preventing or controlling those diseases or deaths that result from interactions between people and their environment.
- Environmental Protection Agency (EPA) - The mission of the EPA is to protect human health by safeguarding the natural environment. The site has numerous consumer and technical resources on all aspects of the environment.
- National Center for Environmental Health (NCEH) - (Centers for Disease

# Partners in Information Access for the Public Health Workforce

*A collaboration of U.S. government agencies, public health organizations and health sciences libraries*

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**Our Mission**

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**Public Health Topics:**

Bioterrorism Go

**Main Topics:**

- Health Promotion and Health Education
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- Conferences and Meetings
- Finding People
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RGPHP **Resource Guide** for Public Health Preparedness

**Latest News**

CDC Reports Oral Health Improving for Most Americans, But Tooth Decay Among Preschool Children on the Rise

HHS Joins International Partners to Promote Electronic Health Records Standards

New DVD from AHRQ Will Help Train Health Care Workers To Provide Respiratory Care During Disasters

more news

**Partners:**

Agency for Healthcare Research and Quality (AHRQ) ♦ American Public Health Association (APHA) ♦ Association of Schools of Public Health (ASPH) ♦ Association of State and Territorial Health Officials (ASTHO) ♦ Centers for Disease Control and Prevention (CDC) ♦ Health Resources and Services

# Public Health Information & Data Tutorial



About This Tutorial

How to Use This Tutorial

Acknowledgements and Credits

Your Suggestions

*Public Health Information and Data Tutorial* provides instruction for members of the public health workforce on issues related to information access and management. This tutorial is based on *Public Health Information and Data: A Training Manual*. There are no copyright restrictions on the contents of this tutorial or the training manual, and users are free to adapt or duplicate any portion.

The contributors and authors of this tutorial's content represent city, county, state and federal agencies. They establish clear connections to recognized competencies in public health and provide examples representing much of the diversity inherent in the practice of public health.

***Learning objectives***:

- Stay informed of developments and events related to public health;
- Find reliable and authoritative consumer-oriented materials to support health education;
- Retrieve statistical information and access data sets relevant to public health; and
- Retrieve and evaluate information in support of evidence-based practice.

**phpartners.org/tutorial**

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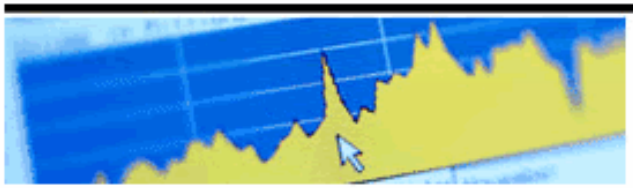
Integrating Resources for Research and Practice



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National Information Center on Health Services Research and Health Care Technology (NICHSR)

NICHSR Home | About Us | Contact Us

Home > Health Services Research & Public Health >

HSR News | About HSR Info Central | Suggest a Link

# HSR Information Central

**Serving the Information Needs of the Health Services Research Community**

- Literature and Guidelines
- Data Tools and Statistics
- Grants and Funding
- Legislation
- Training and Education
- Meetings and Conferences
- Discussion and E-mail Lists
- Alphabetic List
  All Web sites in alphabetic order
- Subject List
  Web sites by other categories including: Health Economics, Rural Health, and State Resources

**New on HSR Info Central**

What's New

RSS
What is RSS?

**HSRProj**
an NLM Sponsored Program
Health Services Research Projects in Progress

**NQMC** National Quality Measures Clearinghouse
http://www.qualitymeasures.ahrq.gov/

**HSRR** (Health Services/Sciences Research Resources)
Information about research datasets, instruments/indices, and software with links to PubMed

## Latest News

EHR projects include adding decision support, improving connectivity and developing PHRs.

eHealth Initiative Foundation Releases New Communications Tools Based on Consumer Research on Secure Electronic Health Information Exchange

HHS Joins International Partners to Promote Electronic Health Records Standards

more news

http://www.nlm.nih.gov/hsrinfo/

# HSR Information Central

Literature and Guidelines

Data Tools and Statistics

Grants and Funding

Legislation

Training and Education

Meetings and Conferences

Discussion and E-mail Lists

Alphabetic List - All Web sites in alphabetic order

Subject List - Web sites by other categories including: Health Economics, Rural Health, and State Resources

## Suggest a Link

We particularly invite suggestions for links to government and non-profit organizations that serve as gateways to information on a variety of topics related to health services research. When suggesting a new link for HSR Information Central to another site, please consider that site's enduring value and the frequency with which it is updated. HSR Information Central does not normally include links to commercial products or services. HSR Information Central acknowledges that a site with valuable information may also contain information on commercial products or services, however, acceptance of a link does not imply that HSR Information Central endorses any commercial product or service contained in the link. To submit a link for consideration please complete the following:

| | |
|---|---|
| **Site title:** | |
| **URL:** | http:// |
| **Description of the site:** | |
| **Category:** | Data Tools and Statistics |
| **Your name:** | |
| **Your Organization:** | |
| **Your E-mail:** | |

# What's next for HSR & PH Portals

- RSS Feed and ListServ this Summer
- Enhance HSR Info site
- Evaluate and market HSR Info site

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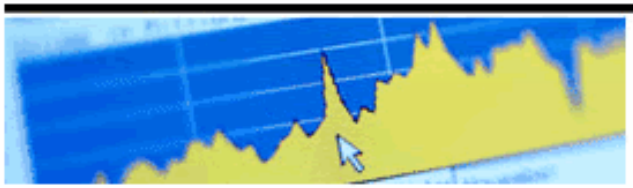
Integrating Resources for Research and Practice



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- History of Medicine
- National Network of Libraries of Medicine

### Related Products

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# National Information Center on Health Services Research and Health Care Technology (NICHSR)

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## HSRProj (Health Services Research Projects in Progress)

New Search | Limits | Details

**HSRProj**

**Search**

Browse Latest Projects

Browse Supporting Agencies

**About HSRProj**

FAQs

Fact Sheet

Search Tips

What's New

**HSRProj Partners**

AcademyHealth

Sheps Center, UNC-CH

**Other NLM Resources**

HSRR

HSTAT

NICHSR

NLM Gateway

Enter one or more search terms.

Search

- (•) Search All Fields (default)
- ( ) Search Investigator (Enter Last Name)
- ( ) Search Supporting Agency

Information about ongoing health services research and public health projects

**www.nlm.nih.gov/hsrproj**

HSRProj Search

Search by Map

Search by Map Results

# Health Services Research Projects in Progress (HSRProj)

## Information about ongoing health services research and public health projects

National Information Center on Health Services Research and Health Care Technology (NICHSR)
National Library of Medicine (NLM)
National Institutes of Health (NIH)
Health & Human Services (HHS)

NIH/NLM/OCCS/GIS: HSRProj
HSRProj Conference.psd
May 2007

# National Information Center on Health Technology (NICHSR)

http://www.nlm.nih.gov/nichsr/hsrr_search/



## HSRR (Health Services and Sciences Research Resources)

### Search:

Enter one or more term(s) to search. Enter a multi-word term or [illegible] in quotes.

smoking Search

- Search All Records (default)
- Search Datasets only
- Search Instruments/Indices only
- Search Software only
- Search PHSR Topic Subset Only (Click Browse to see all PHSR records)

Information about research datasets and instruments/indices employed in Health Services Research, Behavioral and Social Sciences and Public Health with links to PubMed.

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# National Information Center on Health Services Research and Health Care Technology (NICHSR)



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Related Information
Education and Training Links

## HSRR (Health Services and Sciences Research Resources)

**Results (smoking).**

11 Records found ( **Datasets** - 6; **Instruments** - 5; )
Displaying **1 - 11** of **11**
**Page 1**

1: American Stop Smoking Intervention Study
**DataSet;** National Cancer Institute (NCI)

2: Global Youth Tobacco Survey Datasets
**DataSet;** Centers for Disease Control and Prevention (CDC)

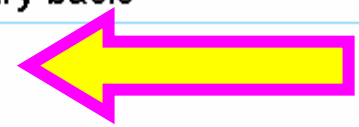
3: NHANES I (First National Health and Nutrition Examination Survey 1971-75)
**DataSet;** National Center for Health Statistics (NCHS), CDC

4: NHANES III (Third National Health and Nutrition Examination Survey 1988-94)
**DataSet;** National Center for Health Statistics (NCHS), CDC

5: Rhode Island Office of Health Statistics
**DataSet;** RHode Island Department of Health

Close This Window

| Global Youth Tobacco Survey Datasets | |
|---|---|
| Title Acronym | GTYS |
| Title URL | http://apps.nccd.cdc.gov/GYTSDataSets/ |
| Record Type | DataSet |
| Topic Subset | PHSR |
| Source | Centers for Disease Control and Prevention (CDC) |
| Source URL | http://www.cdc.gov/ |
| Purpose | The World Health Organization (WHO) and Centers for Disease Control and Prevention's (CDC) developed the Global Youth Tobacco Survey (GYTS) to track tobacco use among young people across countries using a common methodology and core questionnaire. The GYTS surveillance system is intended to enhance the capacity of countries to design, implement, and evaluate tobacco control and prevention programs. Funding for the GYTS has been provided by the Centers for Disease Control and Prevention, Canadian Public Health Association, National Cancer Institute, UNICEF, and the World Health Organization-Tobacco Free Initiative. |

| | |
|---|---|
| Description | Users select regions of interest: Pan American Health Organization (PAHO); European Region (EURO); Western Pacific Region (WPRO); African Region (AFRO); Eastern Mediterranean Region (ERMO); South-East Asia Region (SEARO). Users may then select a country from that region. |
| Media | Zip files in Microsoft Access |
| Data Format | The zip file includes the dataset you selected, a code book, and a help document.<br>To extract the files you must have unzip software, you may download a trial version of WinZip at http://www.winzip.com/.<br>Each Dataset is in Microsoft Access if you do not have Microsoft Access, you may download a free version of EPI Info in order to view the dataset. |
| Special Software | Files can be read in Microsoft Access or EpiInfo |
| Years of Availability | 1999 to the present |
| Variables | The GYTS questionnaire is composed of "core" country-approved questions designed to gather data on seven topics:<br><br>Prevalence of cigarette smoking and other tobacco use among young people<br>Knowledge and attitudes of young people towards cigarette smoking<br>Role of the media and advertising on young people's use of cigarettes<br>Access to cigarettes<br>Tobacco-related school curriculum<br>Environmental tobacco smoke (ETS)<br>Cessation of cigarette smoking |
| Geographic Region | Global information available on a country by country basis |
| MEDLINE Search Strategy | PubMed Search  |
| Related Titles | Global Youth Tobacco Survey |

# National Information Center on Health Services Research and Health Care Technology (NICHSR)



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Related Information
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## HSRR (Health Services and Sciences Research Resources)

**Results (smoking).**

37 Records found ( **Datasets** - 31; **Instruments** - 6; )

Print Friendly Format Summary Show 20 Send To go

Items **1 - 20 of 37** Next

**Page 1** 2

Coming this Summer

1: Alaska Health Profiles Online
**DataSet;** Alaska

2: American Stop Smoking Intervention Study
**DataSet;** National Cancer Institute (NCI)

3: Behavioral Risk Factor Surveillance System
**DataSet;** National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention (U.S.)

Search
Go
This book All books
PubMed

Navigation
*About this book*
AHRQ Evidence Reports, Numbers 1-60
AHRQ Evidence Reports, Numbers 61 - 119
AHRQ Evidence Report Summaries
AHRQ Technical Reviews and Summaries
AHCPR Supported Clinical Practice Guidelines
AHCPR Supported Quick Reference Guide
AHCPR Supported Consumer Guides

# Health Services/Technology Assessment Text (HSTAT)

The Health Services Technology/Assessment Texts (HSTAT) is a free, Web-based resource of full-text documents that provide health information and support health care decision making. HSTAT's audience includes health care providers, health service researchers, policy makers, payers, consumers and the information professionals who serve these groups.

All of the collections in HSTAT can be accessed in the following ways:

1. By searching the complete Bookshelf

2. By searching the HSTAT collection specifically

3. By browsing the collections form the HSTAT homepage

4. Through links from "concept phrases" in PubMed abstracts

5. From the new Entrez Global query feature

Each document within HSTAT is displayed in a series of bite-sized pieces, based on the subsection
between d

Any Book
another W

**HSTAT.nlm.nih.gov or**
**use the Books link at pubmed.gov**

AHRQ Evidence Reports, Numbers 1-60

AHRQ Evidence Reports, Numbers 61 - 119

AHRQ Evidence Report Summaries

AHRQ Technical Reviews and Summaries

AHCPR Supported Clinical Practice Guidelines

AHCPR Supported Quick Reference Guide

AHCPR Supported Consumer Guides (English)

AHCPR Supported Consumer Guides (Spanish)

AIDSInfo

Guide to Clinical Preventive Services, 3rd Ed. Recommendations

Guide to Clinical Preventive Services, 3rd Ed. Evidence Syntheses, formerly Systematic Evidence Reviews

Guide to Clinical Preventive Services, 2nd Edition, 1996

# What's next for databases …

- Link HSRProj and HSRR records, and eventually PubMed records and enhance record display
- Expand HSR in HSTAT and in Bookshelf
  - Continue partnering with NCHS & AHRQ
    - Health E-Stats
    - Comparative Effectiveness Reviews

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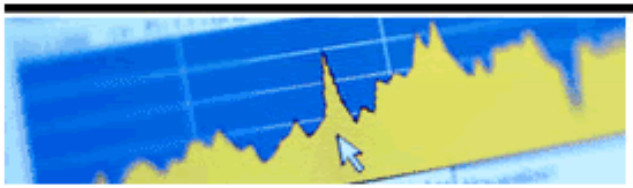

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Limits | Preview/Index | History | Clipboard | Details

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MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI (Cubby)

- Enter one or more search terms, or click Preview/Index for advanced searching.
- Enter author names as smith jc. Initials are optional.
- Enter journal titles in full or as MEDLINE abbreviations. Use the Journals Database to find journal titles.

PubMed, a service of the National Library of Medicine, includes over 15 million citations for biomedical articles back to the 1950's. These citations are from MEDLINE and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources.

## Bookshelf Additions

*Molecular Biology of the Cell, 4th Ed.* and *The Genetic Landscape of Diabetes* are now available for interactive searching on the Bookshelf.

## Action Bar Redesigned

The PubMed results action bar has been redesigned. Selections from the *Display format, Show, Sort by,* or *Send to* menus take effect automatically so the *Display* and *Send to* buttons have been removed.

# Special Queries

## Directory of Topic-Specific PubMed Queries

Return to Pubmed

### Queries Targeted for Clinicians and Health Services Researchers

| | |
|---|---|
| Clinical Queries | A search interface to find citations in the areas of:<br>• Clinical Study Categories: Find citations corresponding to a specific clinical study category.<br>• Systematic Reviews: Find citations for systematic reviews, meta-analyses, reviews of clinical trials, evidence-based medicine, consensus development conferences, and guidelines.<br>• Medical Genetics: Find citations related to various topics in medical genetics. |
| Health Services Research (HSR) Queries | A search interface to find PubMed citations relating to health care quality or to health care costs |
| Cancer Topic Searches | A search interface to retrieve PubMed citations on more than 100 major cancer topics |
| Healthy People 2010 | A search interface providing searches for published literature related to the Healthy People 2010 focus areas of the HP2010 Information Access Project. |

# PubMed Health Services Research (HSR) Queries

This page provides specialized PubMed searches on healthcare quality and costs.

After running one of these searches, you may further refine your results using PubMed's Limits feature.

Results of searches on this page are limited to specific health services research areas (see definitions). For comprehensive searches, use PubMed directly.

Additional PubMed search filters are available, including a filter for Systematic Reviews.

## Search by HSR Study Category

This search finds citations that correspond to a specific health services research study category. The search may be either broad and sensitive or narrow and specific. The search filters are based on the work of Haynes RB et al. See the filter table for details.

Search [ ] Go Clear

### Category

- (•) Appropriateness
- ( ) Process assessment
- ( ) Outcomes assessment
- ( ) Costs
- ( ) Economics

### Scope

- (•) Broad, sensitive search
- ( ) Narrow, specific search

in Information Access for the Public Health Workforce

*A collaboration of U.S. government agencies, public health organizations and health sciences libraries*

Search: go

Partners Home | Suggest Link

# HP2010 Information Access Project

Search by Focus Area | About this Project | Tips on Searching | FAQ's | Give Us Feedback | Contributors

## Search by Focus Area

This site lets you search for published literature r… the Healthy People 2010 focus areas.

- Access to Quality Health Services
- Arthritis, Osteoporosis, and Chronic Back Conditions
- Cancer
- Chronic Kidney Disease
- Diabetes
- Disability and Secondary Con
- Educational and Community-
- Environmental Health
- Family Planning
- Food Safety
- Health Communication
- Hearing Objectives
- Heart Disease and Stroke
- HIV
- Immunization and Infectious
- Injury and Violence Preventi

HEALTHY PEOPLE 2010

HP2010 IAP Home | Partners Home

# Access to Quality Health Services

Search by Focus Area | About this Project | Tips on Searching | Give Us Feedback | Contributors

Click the PubMed search button to run the search in PubMed.

Link to the complete Healthy People 2010 Chapter.

PubMed search Increase the proportion of persons with health insurance. (Objective 01-01)

PubMed search Increase the proportion of persons appropriately counseled about health behaviors, specifically smoking c… counseling (Objective 01-03a)

PubMed Increase the proportion of persons appropriately counseled about health behaviors - STD prevention cou…

## Outreach and Training

Finding and Using Health Statistics

Health Economics: Information Resources

Health Outcomes, Health Services Research Methodology, Health Economics and Health Policy Collection Development Lists

Health Technology Assessment 101 (HTA 101) PDF, 2.4MB; HTML version

History of HSR Initiative

NICHSR Introduction to HSR

Use and Integration of Freely Available U.S. Public Use Files to Answer Pharmacoeconomic Questions

Outreach Activities and Resources

Practical Resources for Public Health Data Organizations (PDF, 3MB)

Public Health Information and Data Tutorial

Public Health Outreach Evaluation Task Force

Toxicology Tutor

## Publications

Confidentiality of Electronic Health Data, CBM 95-10

E-text on Health Technology Assessment (HTA) Information Resources

For the Record: Protecting Electronic Health Information

Distance Education in Public Health, CBM 2003-3

Health Literacy, CBM 2000-1

Health Risk Communication, CBM 2000-7

Public Health Informatics, CBM 2001-2

Reports of the Surgeon General, 1964-2000

Understanding Health Literacy and

- MedlinePlus®

### Related Pages

- Especially for Health Care Professionals
- Especially for Researchers

Internet

# National Information Center on Health Services Research and Health Care Technology (NICHSR)



## HSR Information Central

**www.nlm.nih.gov/hsrinfo**

Literature and Guidelines

## Literature and Guidelines

Guidelines | HSR Core Library Recommendations | Journal Articles | Journals | Newsletters | Reports and Other Publications

### HSR Core Library Recommendations

- Health Economics Core Library Recommendations, 2003 - (National Library of Medicine, NICHSR) - Lists of journals, books and other resources recommended for a basic library collection in health economics.
- Health Outcomes Core Library Recommendations, 2004 - (National Library of Medicine, NICHSR) - An introduction answers the questions - What are health outcomes? and Why are they important? Lists of core and desired journals, books, databases, and Web sites are recommended for a basic library collection in health outcomes.
- Health Policy Core Library Recommendations, 2000 - (National Library of Medicine, NICHSR) - List of journals, books and other resources recommended for a basic library collection in health policy.
- Health Services Research Methodology Core Library Recommendations, 2007 - (National Library of Medicine, NICHSR) - The scope of methods employed by health services researchers is very wide. HSR methods encompass a variety of study frameworks, designs, and analytic techniques. These include a spectrum of methods, from understanding of various epistemological perspectives on research, to study designs including focus groups and randomized controlled trials, to specific analytic techniques such as longitudinal data analysis. These lists of core and desired books, journals, bibliographic databases, web sites, and other media in the field of health services research methods are intended to serve as guides for librarians and recent health services researchers.

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SUPPORTING MATERIAL
HELP
COURSE HOME

# THE IMPORTANCE OF HEALTH STATISTICS



Health Statistics provide key indicators that help us know about the conditions of life in a country. They are important to understanding not only individual health, but also the health of a whole nation.

## Measures of Progress

Health Statistics provide measures of progress for

- The world,
- A nation or
- A particular population.

They help us understand the well being of people and work for their betterment. As we monitor the health of a population, we enhance our understanding of strategies to promote its health.
Health statistics form an important element in several kinds of efforts to promote a healthier population.

## Indicators to Benchmark Clinical Diagnoses

These indicators provide an important source of information for clinicians because they make it possible to assess presenting cases in the context of a pattern of incidence.

Coming Summer 2007

**Last updated:** May 25, 2007
**First published:** May 15, 2007
Metadata | Permanence level : Permanance Not Guaranteed

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U.S National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894
National Institute of Health, Health & Human Services

# What's new with…

- HSR & PH portal
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- PubMed Central, PubMed
- MedlinePlus
- New Projects

**PubMed Central (PMC)** is the U.S. National Institutes of Health (NIH) free digital archive of biomedical and life sciences journal literature.

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It's about preservation and access:

The **PMC journal list** comprises journals that deposit material in PMC on a routine basis and generally make all their published articles available here. Find out how to **include your journal** in PMC.

PMC also has the **author manuscripts** of articles published by NIH-funded researchers in various non-PMC journals. Increasing free access to these articles is the goal of the **NIH Public Access** policy. Similar manuscripts from researchers funded by the Wellcome Trust are available in PMC as well.

Eligible researchers should use the **NIH Manus**
deposit

**pubmedcentral.gov**

# PubMed Central Journals — Search result

Search by part or all of a journal name.

Public Health

Journals | Show Full List

| | |
|---|---|
| **New tab** | lists journals added to PMC in the past 60 days. |
| **Title** | links to a list of **all issues** of the journal in PMC. |
| **Latest Volume** | links to the **most recent issue** available in PMC. |
| **Free Access** | says how soon after publication the journal's articles are made free. |

A-B | C-H | I-M | N-S | T-Z | New | Search result

| Search this Journal | Title | Volumes in PMC | | Free Access |
|---|---|---|---|---|
| | | Latest | First | |
| Search | American Journal of Public Health | v.95(5) May 2005 | v.61 1971 | After 24 months |
| Search | American Journal of Public Health and the Nations Health — *now published as* American Journal of Public Health | v.60(12) Dec 1970 | v.18 1928 | Immediate |
| Search | BMC Public Health | v.7 2007 | v.1 2001 | Immediate |
| Search | Bulletins of the Public Health — *now published as* Public Health Reports | v.1 1878 | v.1 1878 | Immediate |
| Search | Public Health Reports | v.120(5) Sep–Oct 2005 | v.89 1974 | After 24 months |

Show Full List **for more details about each journal or to download the list as a CSV**

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Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
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NLM Gateway
TOXNET

- To get started, enter one or more search terms.
- Search terms may be topics, authors or journals.

**Set up an automated PubMed update in less than 5 minutes.**

(1) Get a My NCBI account. (2) Save your search.

(3) Your PubMed updates can be e-mailed directly to you.

Read the My NCBI Help material to explore other options, such as automated updates of other databases, setting search filters, and highlighting search terms.

PubMed is a service of the U.S. National Library of Medicine that includes over 17 million citations from MEDLINE and other life science journals for biomedical articles back to the 1950s. PubMed includes links to full text articles and other related resources.

http://www.nlm.nih.gov/bsd/disted/pubmed.html

# PubMed® Online Training

## • PubMed Tutorial

The PubMed Tutorial is based on the NLM's one-day PubMed training course.

## • Quick Tours

The following are brief animated tutorials with audio for using PubMed. Running times are rounded to the nearest minute. Click on the link to launch the tour.

### Searching PubMed Quick Tour

- Search PubMed for an Author (3 min., June 2005)
- Searching PubMed by Author and Subject (1 min., June 2005)
- PubMed Simple Subject Search Example (1 min., June 2005)
- Search for a Journal (5 min, February 2006)
- Retrieving Citations from a Journal Issue (1 min., December 2005)

### My NCBI Quick Tour

- Getting Started with My NCBI (approx. 5 min., revised April 2006)
  How to register, sign in and out, change your password, and what to do if you've forgotten your password.
- Saving Searches (approx. 4 min., revised June 2005)
  How to save a PubMed search, to run later or to have results sent to your e-mail account.
- Filters (approx. 7 min., revised July 2005)
  How to create filters to group your search results.

http://www.nlm.nih.gov/pubs/web_based.html

# NLM® Training Manuals and Resources

Printer-friendly Version

This page includes links to the training resources used in conjunction with the classes offered by the National Training Center and Clearinghouse (NTCC).

The PubMed® Tutorial offers a just-in-time training alternative. The PubMed Tutorial is a Web-based interactive tutorial that enables anyone using a computer with Internet access to learn about PubMed. The tutorial can be reached directly from the PubMed sidebar by clicking "Tutorials." Other distance education resources for NLM products may also be of interest.

Training materials for the courses are available in the following formats:

- Materials for PubMed, NLM Gateway, and ClinicalTrials.gov classes—in Portable Document Format (PDF) and Microsoft® (MS) Word
- Materials for TOXNET® class—in PDF and as Microsoft® PowerPoint slides
- Materials for Unified Medical Language System® (UMLS®) class—as PowerPoint slides
- Materials for Molecular Biology Information Resources class—as HTML documents

These workbooks are not copyrighted. Feel free to use any part of the workbooks - you may customize parts for training programs, demonstrations, or workshops you conduct.

| Course Name | Download Formats | File Size |
|---|---|---|
| ***NLM Training: PubMed*** 1-day class | PDF | 2.3MB |

# NLM Informatics Training Sites

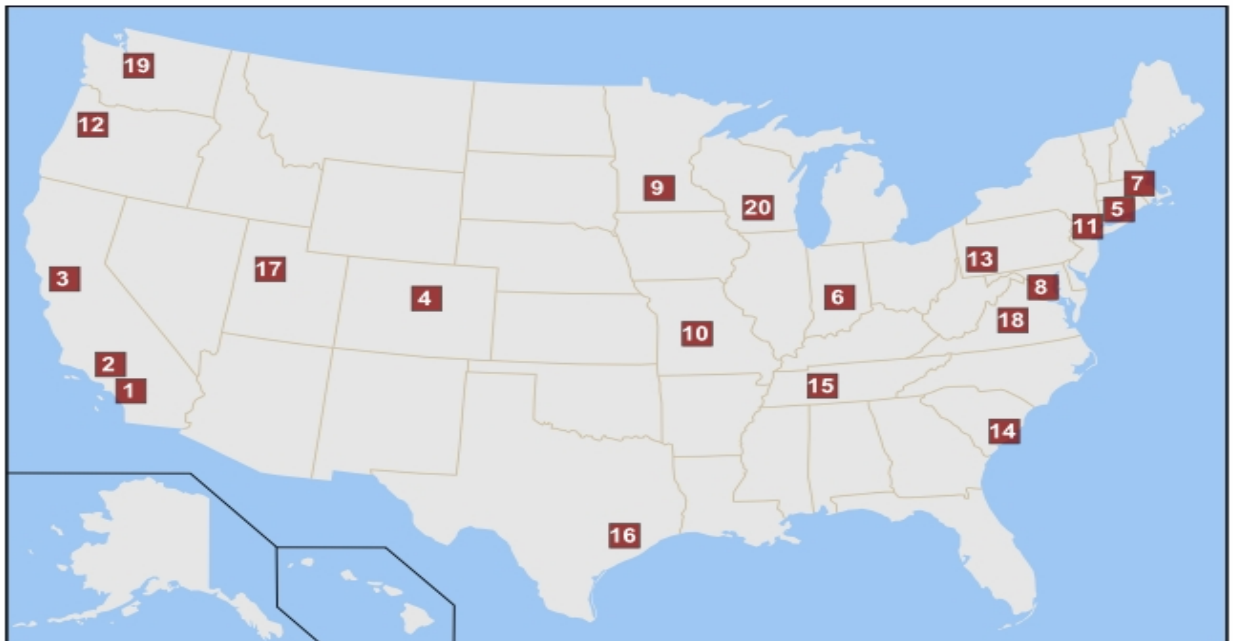
**University Biomedical Informatics Research Training Programs Supported by NLM**

Grant Program Overviews
Research Support

The National Library of Medicine supports research t
educational institutions in the United States. These pr
postdoctoral research experiences in a wide range o
systems biology, imaging informatics, and public hea
do this training are responsible for the selection of tra
specifics, and levels of support should be addressed
contact information are provided below.

http://www.nlm.nih.gov/ep/GrantTrainInstitute.html

For general information about NLM's University-based Research Training Programs in Biomedical Informatics, contact: Dr. Valerie Florance, florancev@mail.nih.gov.



Skip navigation

# MedlinePlus®

Trusted Health Information for You

A service of the U.S. NATIONAL LIBRARY OF MEDICINE and the NATIONAL INSTITUTES OF HEALTH

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http://medlineplus.gov/

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español

## Health Topics
Start here with 740 topics on conditions, diseases and wellness

## Drugs & Supplements
About your prescription and over-the-counter medicines, herbs and supplements

## Medical Encyclopedia
Includes pictures and diagrams

## Dictionary
Spellings and definitions of medical words

## News
Current health news and press announcements

## Directories
Find doctors, dentists and hospitals

## Go Local
A service for finding local resources for health-related issues

## Other Resources
Local health services, libraries, organizations, international sites and more

### Current Health News

- Biodegradable Stent Successful in Human Trial
- More Americans Suffering Sunburns
- Chronic Pain May Impede Short-Term Memory
- More news

### Featured Site

Tuberculosis is in the news.
Learn more.

### In the Spotlight

Don't get bugged this summer! Learn about

- Insect Bites and Stings
- Lyme Disease
- Tick Bites
- West Nile Virus

### Interactive Tutorials
Over 165 slideshows with sound and pictures

### ClinicalTrials.gov
Studies for new drugs and treatments

### NIHSeniorHealth
Health information
lts

### Surgery Videos
Videos of surgical procedures

### What's new on MedlinePlus

- Director's comments
- E-mail updates and RSS
- NIH MedlinePlus Magazine

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MedlinePlus

# go Local

A service of the National Library of Medicine and the National Institutes of Health

Your source for health services in your community.

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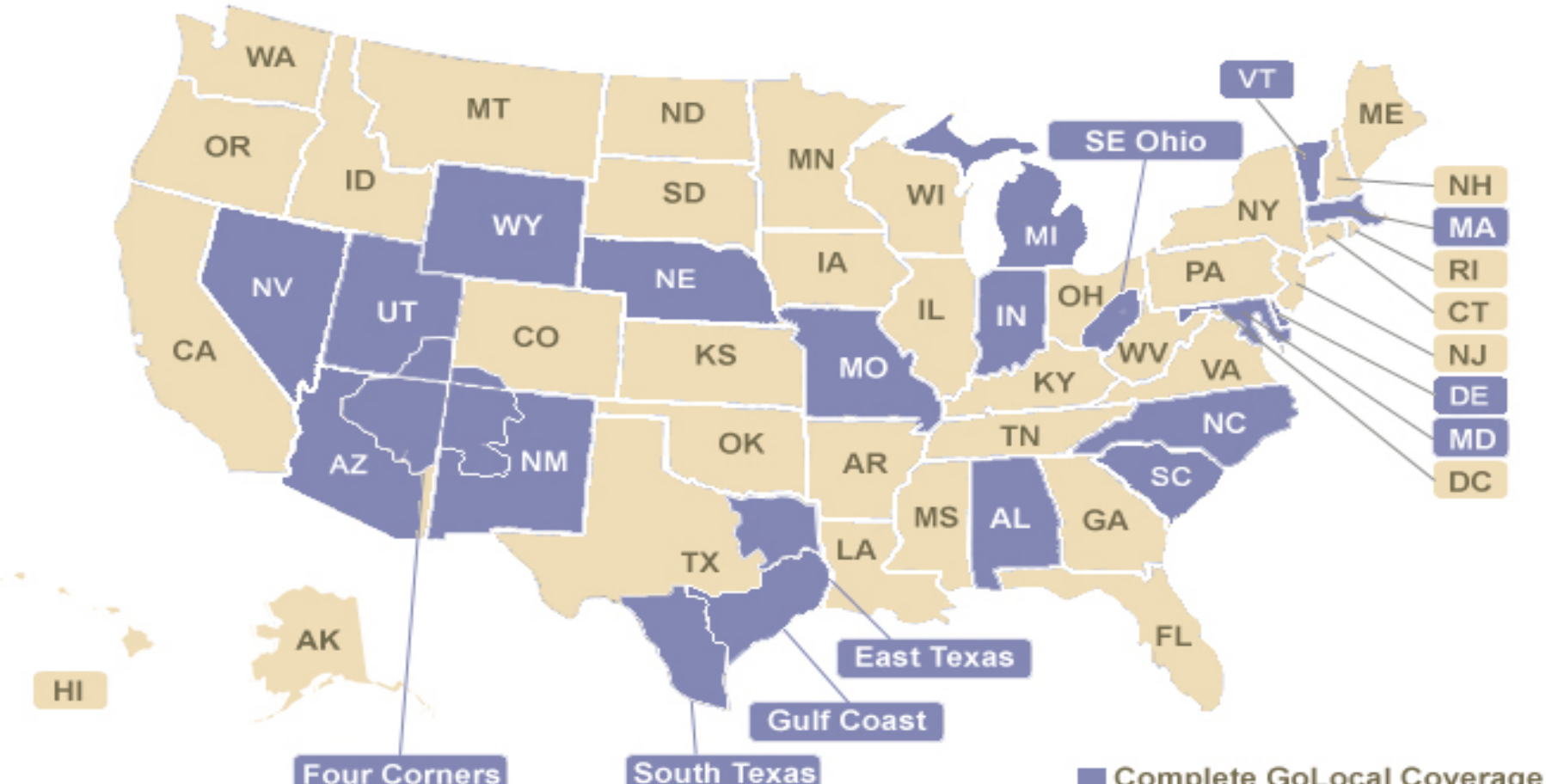
the map below to search for heal

**www.nlm.nih.gov/medlineplus/golocal**



National Network of Libraries of Medicine
nnlm.gov

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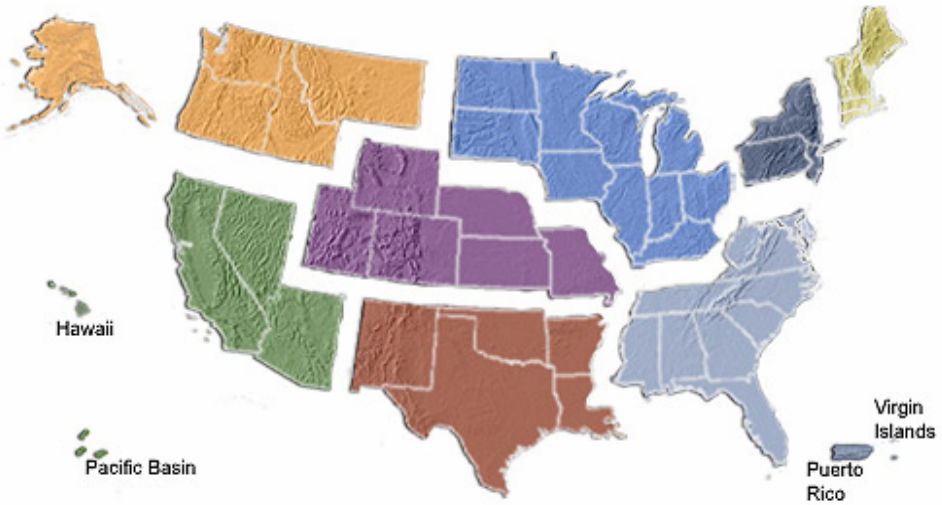
# Resources for Members of the National Network of Libraries of Medicine (NN/LM)

Advancing the progress of medicine and improving the public health through access to health information.

Join the network or find local resources by clicking on the links below or call us at 1-800-338-7657.




- Middle Atlantic Region
- Southeastern/Atlantic Region
- Greater Midwest Region
- MidContinental Region
- South Central Region
- Pacific Northwest Region
- Pacific Southwest Region
- New England Region

## Quick Links:

- Health Information on the Web
  - PubMed
  - MedlinePlus®
  - al
- Order Articles with Loansome Doc
- DOCLINE
- Members Directory
- National Training Center and Clearinghouse (NTCC)
- Outreach Evaluation Resource Center (OERC)
- PHPartners.org
- Tribal Connections

## News & Announcements:

- NN/LM's Blogs
- Regional Events Calendars
- Problems with the website? Use the Feedback link (at

# DailyMed

- URL – http://dailymed.nlm.nih.gov/
- Provides high quality information about marketed drugs.
- Includes FDA approved labels (package inserts).
- 2,629 approved prescription drugs included in the database.
- NLM and FDA are partnering on project

# NCBI / Genetic Alliance Web Resource

- New Web site feature on www.geneticalliance.org site.
- Accessed through the “Disease InfoSearch” feature.
- Designed to help patients, care givers, and health professionals easily locate & navigate information on genetic disorders.

**Disease InfoSearch** *What's this?*

Select: Alphabetical

# A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

**Organization Search** *What's this?*

Select: Alphabetical

# A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

**Resource Repository** *What's this?*

Go

>> Advanced Search

# Genetics Day on the Hill 2007

Genetic Alliance's second annual Genetics Day on the Hill will be on July 26. The event will feature an exciting mix of policy briefings and visits with key elected officials. Senator Barack Obama (D-IL) has been invited as the featured speaker at the opening breakfast.

**Learn more** about this year's event.

**Register** for Genetics Day on the Hill 2007!

## Spotlight

### Genetic Alliance Awarded Two Grants

Genetic Alliance announced today that it has received two cooperative agreements from the DHHS, Health Resources and Services Administration (HRSA) Genetic Services Branch of the Maternal and Child Health Bureau. Both grants are three-year special projects of regional and national significance

## Network

Looking for an employee for your organization? Looking for a job? See our **job board**.

**Webinar: Meet Your Neighbors: American Clinical Laboratory Association**
**Wednesday, May 30** at 12 noon EST (call-in)

## Policy

Two bipartisan bills, which clarify federal government regulation of genetic tests, were introduced in the Senate. On March 1, Senator Kennedy (D-MA) and Senator Smith (R-OR) introduced the **Laboratory Test Improvement Act (S.736)**

On March 23, Senator Obama (D-IL) and Senator Burr (R-NC) introduced the **Genomics**

# CHSI Project

## Coming Fall 2007

CHSI
Community Health Status In

*Our Mission, Promote Physical and Mental Health and Prevent Disease, Injury and Disability*

**Select State & County**

Select a State

Select a County

Display data

Home | About the Data | About the Project | How to Use This Site | Glossary of Terms

### Community Health Status Report

**The Community Health Status Report provides health indicator definitions, sources, and methods. To view a particular report, first select a State and County from the dropdowns to the left, then click Display Data.**

The Community Health Status Report is a collection of nationally available indicators for counties representing several areas of responsibility for public health. While for many of the indicators there may be more than one definition of the same problem, or source, the descriptions that follow are the choice made for this project and the means for ensuring that health measures for communities are consistent and not based on differing definitions or methodologies.

The estimates presented here rely on various data sources, methods, and calculations, some of which may not be appropriate for particular counties and/or purposes. Users should be aware of the limitations of these estimates. Those data that are estimated do not represent official Department of Health and Human Services statistics. We hope that the indicators provided in the CHSI Reports will be useful to communities and request feedback and comments.

### Data Sources, Definitions, and Notes

The Community Health Status Report provides health indicator definitions, sources, and methods used in the Community Health Status Reports created by the Community Health Status Indicators (CHSI) Project. It is not intended to stand alone, but to be used as a reference for the user of the county health profile provided for every U.S. County.

The Community Health Status Report is a collection of nationally available indicators for counties representing several areas of responsibility for public health. While for many of the indicators there may be more than one method for calculating rates or percentages as well as more than one definition of the same problem, or source, the descriptions that follow are the choice made for this project and the means for ensuring that health measures for communities are consistent and not based on differing definitions or methodologies.

*While we may measure deaths due to heart disease, cancers or infant deaths, we should always keep in mind that the factors such as tobacco use, diet, activity and alcohol use substantially contribute to these deaths.*

*For example, as shown in the graph (left) tobacco use accounts for 19 percent of all U.S. deaths.*

**Other lifestyle and personal behavior (non-genetic) risk factors include microbes, toxins, firearms, sexual behavior, motor vehicles, and drug use.*

*Source: McGinnis, J.M., & Foege, W.H. (1993). Actual causes of death in the United States. JAMA., 270 (18), 2207-2212.*

# ASTHO Enumeration Project

- Survey sent to Human Resource Directors of 8 state public health agencies (Georgia, Maryland, New Mexico, New York, South Carolina, Utah, Virginia and Wisconsin)
- Pilot will provide data on the professional workforce engaged in public health, specifically the nursing and environmental health workforces.
- Funded by NLM and CDC

# NLM/MLA Task Force on PHRs

- **Review current state-of-the-art by examining how linkages to high quality information can be provided from within these records.**
  - **Create an inventory of the key players and providers of PHRs**
  - **Define what assistance health science librarians can offer PHR users**
  - **Identify training needs of librarians to enable them to support PHR users and producers**

# NLM Email Lists



**www.nlm.nih.gov/listserv/emaillists.html**

NLM Email Lists is a service which allows users to subscrib
and discussion lists hosted by the National Library of Medi
service, users can receive list postings, access list archives, and post messages to a list. The NLM Email List service is administered by the Center for Information Technology (CIT) at the National Institutes of Health using LISTSERV®, an email list management software package.

Click on the name of a list to join or leave the list, change your subscription settings, post to the list, or search the list archives.

NLM-Announces

Weekly announcement-only list of new and updated files on the NLM Web site (http://www.nlm.nih.gov), HSTAT, MedlinePlus, and NLM Anonymous FTP server (ftp://ftp.nlm.nih.gov).

MedlinePlus

Sign up for one or all of the MedlinePlus announcement lists including:

MedlinePlus-NEW

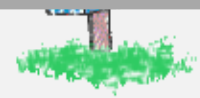
Weekly announcement-only list of new resources, health topics, and announcements placed on the National Library of Medicine's consumer health Web site, MedlinePlus.

MedlinePlus-NIH

Weekly announcement-only list of new and updated consumer health information from the National Institutes of Health (only).

MedlinePlus-ESP

Weekly announcement of all new resources and health news stories



## NLM Email List Assistance

FAQs - answers to your most frequently asked LISTSERV® questions

Commonly used LISTSERV® Commands you will need to know

NLM Netiquette - "Do's and Don'ts" on NLM Lists

## Other NLM/NIH Email Lists

NCBI Email Lists provide

# National Information Center on Health Services Research and Health Care Technology (NICHSR)



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Bethesda, MD 20894
Phone: (301)496-0176, FAX: (301)402-3193
email: nichsr@nlm.nih.gov, Web Site: http://www.nlm.n

**Come visit us in exhibit booth 502, do some "hands-on" searching, and give us your advice on the info needs in health services research!**

**Last reviewed:** 15 May 2007
**Last updated:** 15 May 2007