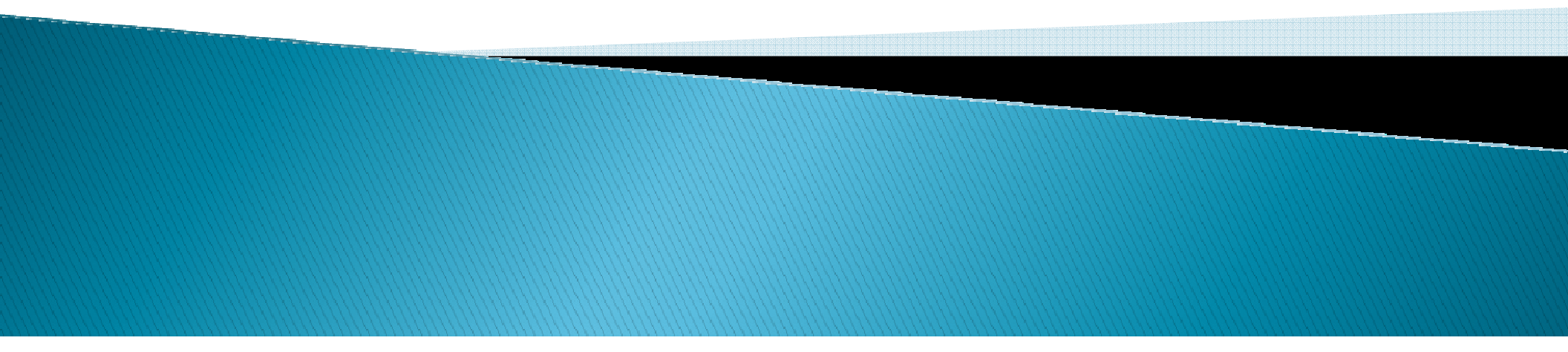


**PubMed Searching**  
and  
**Public Health and Health Services Research Resources**  
at the  
**National Library of Medicine**

Lynn Whitener, MSLS DrPH  
HSRR Senior Content Manager  
NLM Contractor

Presenting to National Oral Health Conference Preconference  
April 26, 2014



# PubMed Searching and Public Health and Health Services Research Resources at NLM

Materials drawn from resources provided by the  
National Information Center for Health Services Research  
National Library of Medicine



# NLM Homepage

www.nlm.nih.gov

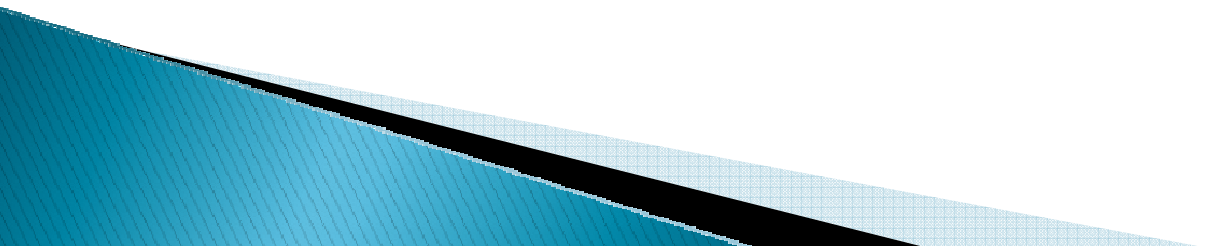
The screenshot shows the NLM homepage with several key features and annotations:

- NIH U.S. National Library of Medicine** logo and search bar at the top.
- Find, Read, Learn** section with links to search biomedical literature, find medical terminologies, search NLM collections, read about diseases, learn about drugs, explore history, find a clinical trial, use a medical dictionary, and find free full-text articles.
- Health Datapalooza 2014** banner for June 1-3 in Washington, DC, with a **REPLAY** button and a link to [healthdatapalooza.org](http://healthdatapalooza.org).
- Annotations:**
  - A green arrow points to **Pubmed.gov** in the **Databases** list.
  - A red arrow points to **Medlineplus.gov** in the **Databases** list.
  - A yellow arrow points to <http://www.nlm.nih.gov/hsrph.html> in the **Research at NLM** section.
- Explore NLM** section with links to About NLM, Health Information, Library Catalog & Services, History of Medicine, Online Exhibitions & Digital Projects, Information for Publishers, and Visit the Library.
- Research at NLM** section with links to Human Genome Resources, Biomedical Research & Informatics, Environmental Health & Toxicology, Health Services Research & Public Health, and Health Information Technology.
- NLM for You** section with links to Grants & Funding, Meaningful Use Tools, Training & Outreach, Network of Medical Libraries, and Mobile Gallery.
- News & Events** section with a list of recent news items, including NLM's Mehryar Ebrahimi Named 2014 "Federal Engineer of the Year" and NLM Announces "Native Voices" Classroom Activities and Lesson Plans.
- Technical Bulletin**, **Connect with NLM**, **Multimedia Exhibition**, **Podcasts**, and **NLM Tools & Widgets** icons at the bottom.
- USA.gov** logo and footer information including copyright, privacy, accessibility, and contact details.

# PubMed® Online Training

Tutorials  
Quick Tours  
Webcasts  
Videos  
Handouts

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



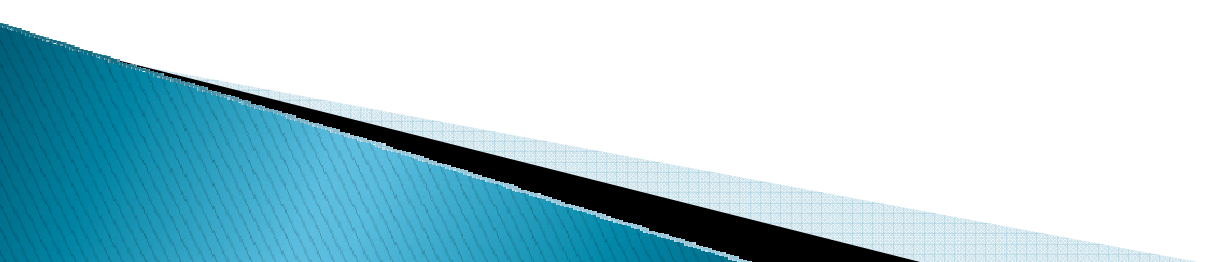
## Author Searching

Enter the author's last name plus initials without punctuation in the search box.

Click "Search".

Click "Advanced" to use the search builder.

Select "Author" from the All Fields menu. The author search box includes an autocomplete feature.

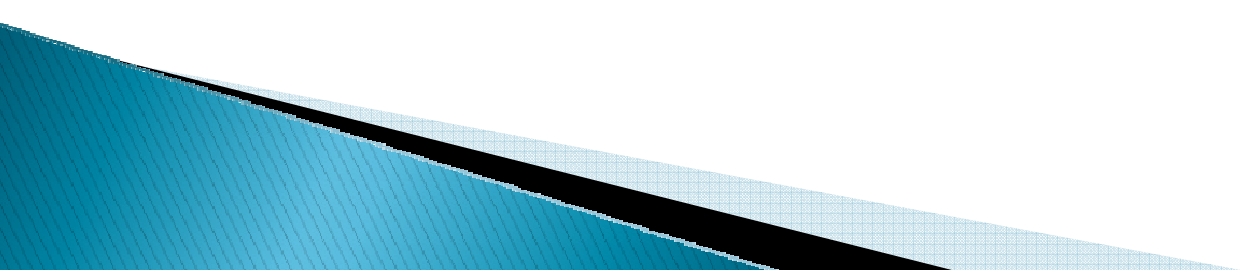


## Subject Searching

Identify the key concepts for your search.

Enter the terms (or key concepts) in the search box.

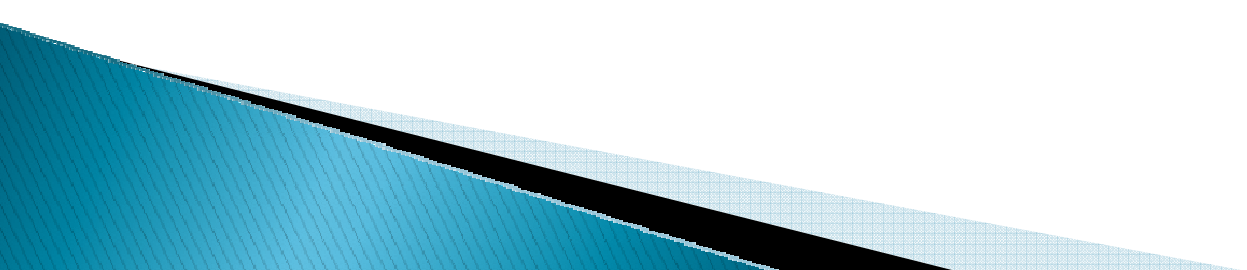
Suggestions will display as you type your search terms.



## Subject Searching

PubMed may modify your search terms to enhance your retrieval.

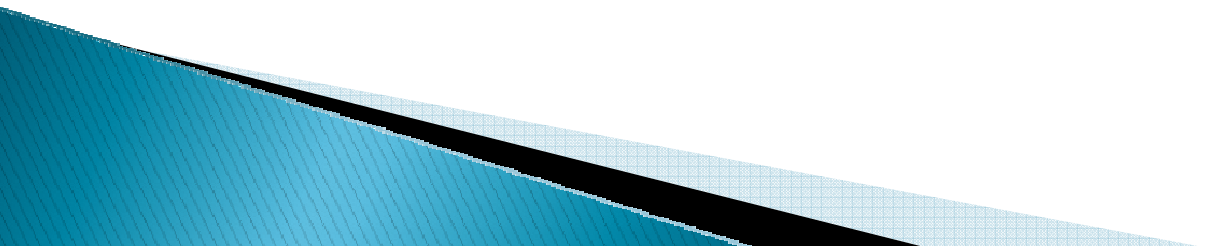
To see how PubMed modified your search, consult the “Search details” box displayed on the results page and click the “See more...” link for further information.



# MeSH

Medical  
Subject  
Headings

MeSH is the National Library of Medicine's controlled vocabulary thesaurus. It consists of sets of terms naming descriptors in a hierarchical structure that permits searching at various levels of specificity.





# MeSH

27,149 descriptors in 2014 MeSH

218,000 entry terms

219,000 headings called Supplementary Concept Records (formerly Supplementary Chemical Records) within a separate thesaurus

# MeSH Translations

## MeSH terms

The See-Reference mappings (also known as entry terms) for MeSH terms

## MeSH Subheadings

## Publication Types



# MeSH Translations

Pharmacologic action terms

Terms derived from the Unified Medical Language System (UMLS) that have equivalent synonyms or lexical variants in English

Supplementary concept (substance) names and their synonyms.



## MeSH Searching – Focus

Replace general search terms with more specific ones (e.g., search for “low back pain” instead of “back pain”).

Add additional terms to your search.

Use the sidebar filters to restrict your results by publication dates, species, article types, etc.

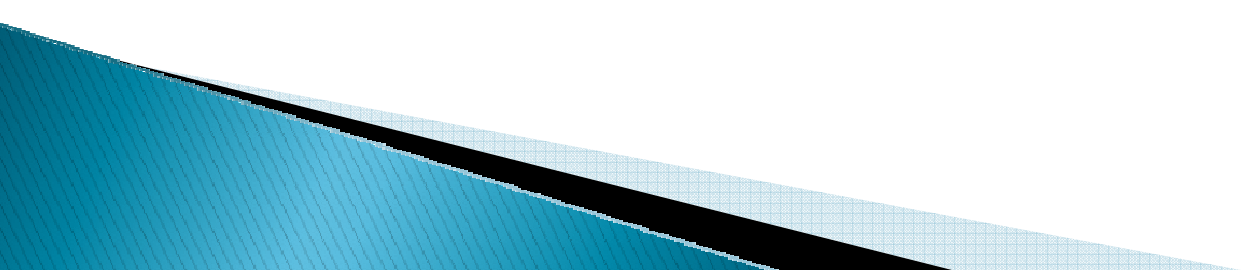


## MeSH Searching – Expand

Click the "Related citations See all" link for a relevant citation to display a pre-calculated of PubMed citations closely related to the article.

Remove extraneous or specific terms from the search box.

Try using alternative terms to describe the concepts you are searching.

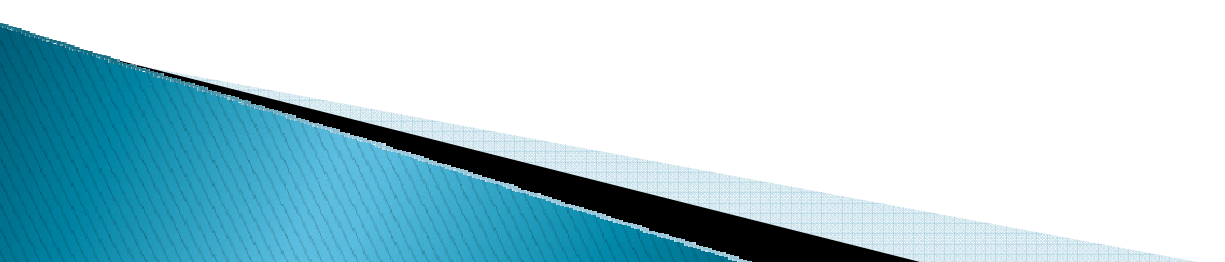


## MeSH Searching – Exploring the Tree

“dental public health” = 41 437 citations

MeSH = “public health dentistry” = 30631

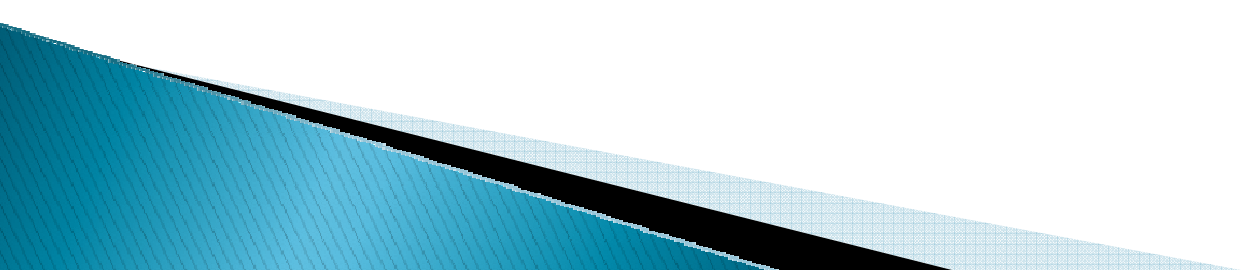
MeSH offers Subheadings; Major Topic restrictions, Entry Terms, and the Tree



# Combining Terms using “History”

Click “Advanced”

Combine using search numbers

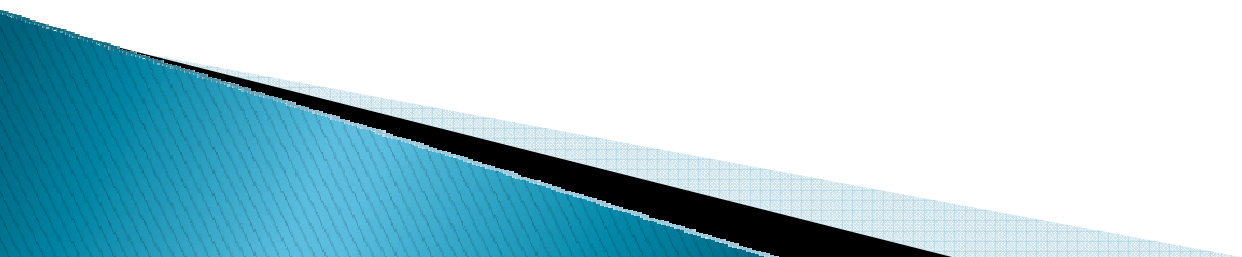


# Single Citation Matcher

PubMed Home Page

Fill-in-the-blank form

Use this result to find “Related Citations”





# PubMed Filters

Article Type

Text Availability

Publication dates

Species

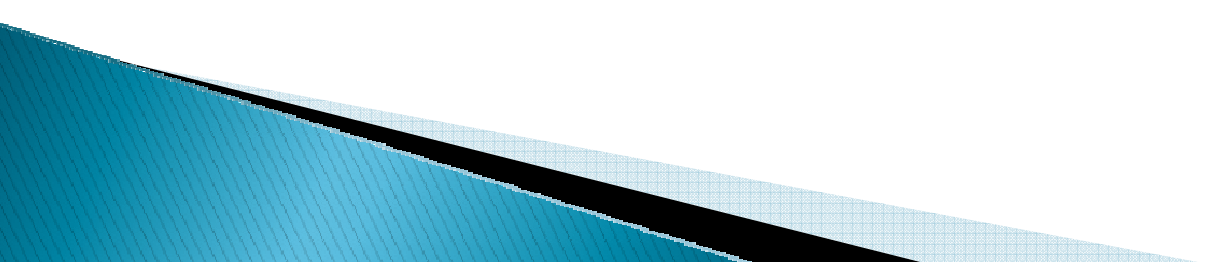
Languages

Gender

Subjects

Journal Categories

Ages



# Clinical Queries

Clinical Study Category

Systematic Reviews



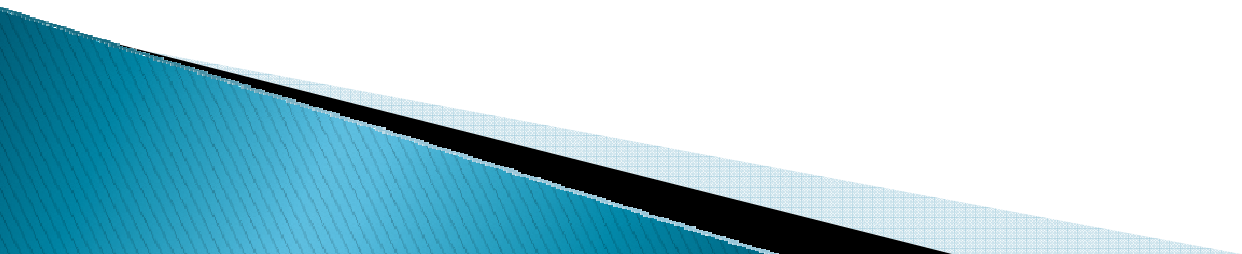
# Results

Use “Display Setting”

Format

Number per page

Sorting



# Results

Use “Send”

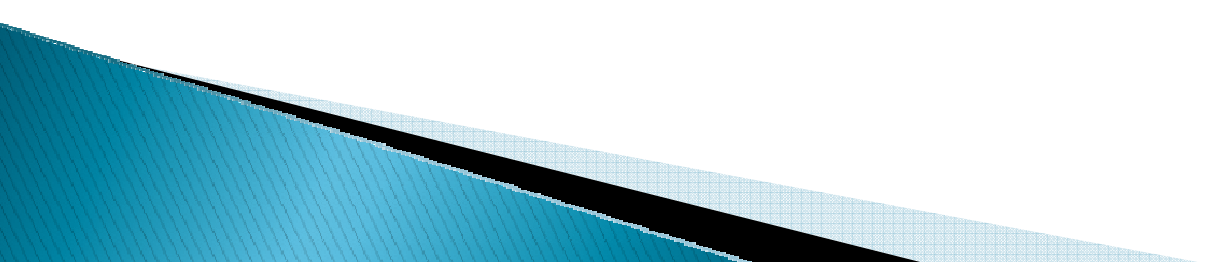
Save as File

Save on Clipboard

Email

Order

Print



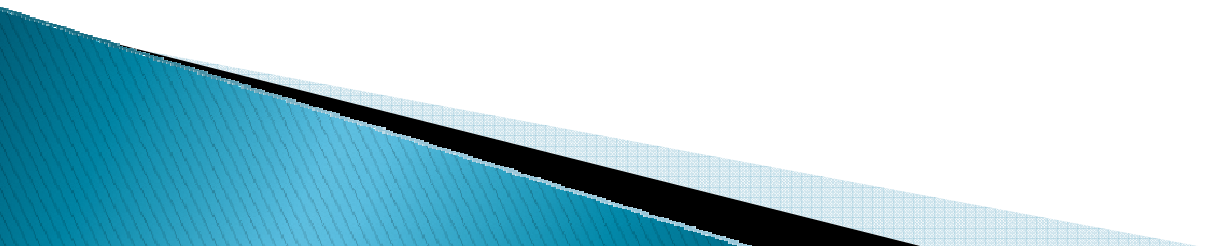
# Results

Export into citation management software  
(EndNote, Reference Manager, ProCite)

Click “Send to” and select “Citation Manager”

OR

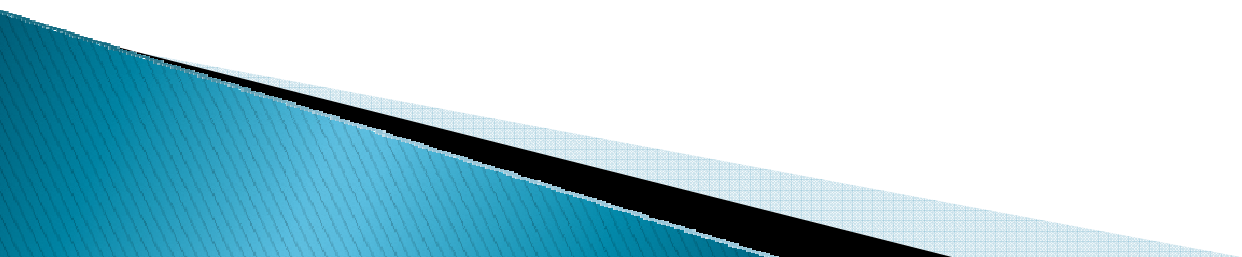
Go to “Display Settings” – choose  
Format = Medline and save page



# Full Text Access

Click Icon in the Top Right to display

Check “Link-Out” -- More resources at the bottom of the display

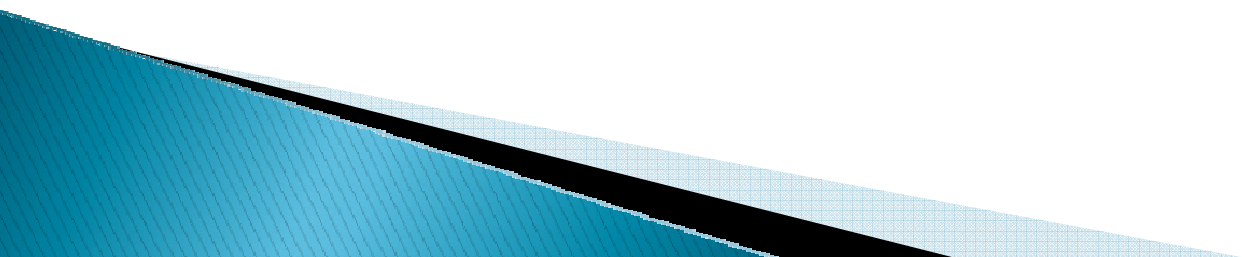


# Full Text Access

Free articles – use Full Text Filter

Filter sidebar – Click “Full Text Available”

PubMed Central – in Abstract display Click  
“Free in PMC” icon

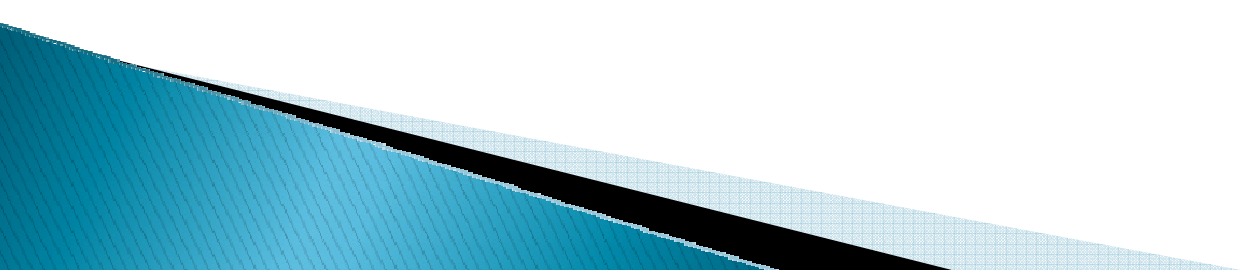


# Full Text Access

Free from Publisher –

Click “free full text” icon on abstract format

Local Medical Library – either in-house or  
Interlibrary Loan

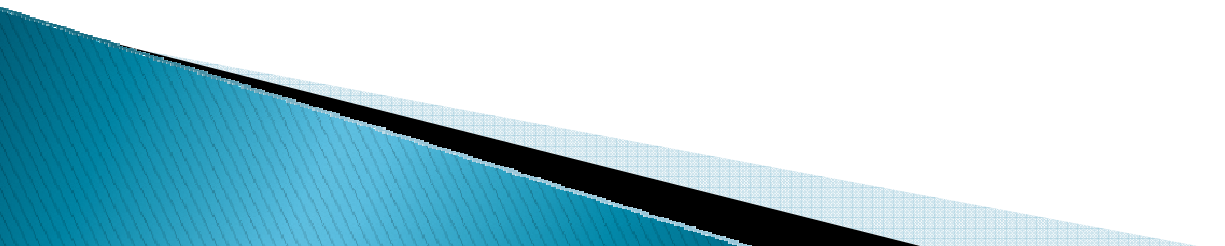




# PubMed® Online Training

Tutorials  
Quick Tours  
Webcasts  
Videos  
Handouts

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



**PubMed**  
 PubMed comprises more than 23 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

**PubMed Commons**  
 PubMed's new commenting system  
 More

**Using PubMed**

- [PubMed Quick Start Guide](#)
- [Full Text Articles](#)
- [PubMed FAQs](#)
- [PubMed Tutorials](#)
- [New and Noteworthy](#)



**PubMed Tools**

- [PubMed Mobile](#)
- [Single Citation Matcher](#)
- [Batch Citation Matcher](#)
- [Clinical Queries](#)
- [Topic-Specific Queries](#)



**More Resources**

- [MeSH Database](#)
- [Journals in NCBI Databases](#)
- [Clinical Trials](#)
- [E-Utilities](#)
- [LinkOut](#)

<http://www.ncbi.nlm.nih.gov/pubmed/>

**GETTING STARTED**  
[NCBI Education](#)  
[NCBI Help Manual](#)  
[NCBI Handbook](#)  
[Training & Tutorials](#)

**RESOURCES**  
[Chemicals & Bioassays](#)  
[Data & Software](#)  
[DNA & RNA](#)  
[Domains & Structures](#)  
[Genes & Expression](#)  
[Genetics & Medicine](#)  
[Genomes & Maps](#)  
[Homology](#)  
[Literature](#)  
[Proteins](#)  
[Sequence Analysis](#)

**POPULAR**  
[PubMed](#)  
[Bookshelf](#)  
[PubMed Central](#)  
[PubMed Health](#)  
[BLAST](#)  
[Nucleotide](#)  
[Genome](#)  
[SNP](#)  
[Gene](#)  
[Protein](#)  
[PubChem](#)

**FEATURED**  
[Genetic Testing Registry](#)  
[PubMed Health](#)  
[GenBank](#)  
[Reference Sequences](#)  
[Gene Expression Omnibus](#)  
[Map Viewer](#)  
[Human Genome](#)  
[Mouse Genome](#)  
[Influenza Virus](#)  
[Primer-BLAST](#)  
[Sequence Read Archive](#)

**NCBI INFORMATION**  
[About NCBI](#)  
[Research at NCBI](#)  
[NCBI News](#)  
[NCBI FTP Site](#)  
[NCBI on Facebook](#)  
[NCBI on Twitter](#)  
[NCBI on YouTube](#)

**PubMed Tutorials – for short “how-to” videos**

Topic-specific queries – search help and at bottom,  
 PubMed Dental Health Journal subset

# NLM Homepage

www.nlm.nih.gov

The screenshot shows the NLM homepage with several key features and annotations:

- NIH U.S. National Library of Medicine** logo and search bar at the top.
- Find, Read, Learn** section with links to search biomedical literature, find medical terminologies, search NLM collections, read about diseases, learn about drugs, explore history, find a clinical trial, use a medical dictionary, and find free full-text articles.
- Health Datapalooza 2014** banner for June 1-3 in Washington, DC, with a **REPLAY** button and a link to [healthdatapalooza.org](http://healthdatapalooza.org).
- Annotations:**
  - A green arrow points to **Pubmed.gov** in the **Databases** list.
  - A red arrow points to **Medlineplus.gov** in the **Databases** list.
  - A yellow arrow points to <http://www.nlm.nih.gov/hsrph.html> in the **Research at NLM** section.
- Explore NLM** section with links to About NLM, Health Information, Library Catalog & Services, History of Medicine, Online Exhibitions & Digital Projects, Information for Publishers, and Visit the Library.
- Research at NLM** section with links to Human Genome Resources, Biomedical Research & Informatics, Environmental Health & Toxicology, Health Services Research & Public Health, and Health Information Technology.
- NLM for You** section with links to Grants & Funding, Meaningful Use Tools, Training & Outreach, Network of Medical Libraries, and Mobile Gallery.
- News & Events** section with a list of recent news items, including NLM's Mehryar Ebrahimi Named 2014 "Federal Engineer of the Year" and NLM Announces "Native Voices" Classroom Activities and Lesson Plans.
- Technical Bulletin**, **Connect with NLM**, **Multimedia Exhibition**, **Podcasts**, and **NLM Tools & Widgets** icons at the bottom.
- USA.gov** logo and footer information including copyright, privacy, accessibility, and contact details.

# Medline Plus (M+)

<http://www.nlm.nih.gov/medlineplus/>

The screenshot shows the MedlinePlus website homepage. At the top left is the MedlinePlus logo with the tagline "Trusted Health Information for You". To the right, it states "A service of the U.S. National Library of Medicine NIH National Institutes of Health". Below the logo is a navigation menu with links for "About MedlinePlus", "Site Map", "FAQs", "Contact Us", and "ESPAÑOL". A search bar labeled "Search MedlinePlus" with a "GO" button is positioned to the right of the menu. A large banner image features a young boy in a life vest on a boat, with the text "Stay safe in the water this summer!". Below the banner are three green buttons: "→ Health Topics", "→ Drugs & Supplements", and "→ Videos & Cool Tools". The main content area is divided into several sections: a "MEDICAL DICTIONARY" search box, a "POPULAR SEARCHES" list including amlodipine, aspirin, diabetes, gabapentin, hemoglobin a1c, hypertension, lisinopril, metformin, metoprolol, omeprazole, osteoporosis, pneumonia, tramadol, and vitamin d; an "About Your Health" section with tabs for General, Seniors, Men, Women, and Children, listing various health topics like Back Pain, COPD, Depression, Diabetes, etc.; a "Health News" section dated 29 MAY with links to articles about Alzheimer's, prostate cancer, and inhalers; a "Stay Connected" section for email updates; and a "NIHSeniorHealth" section with a "Clinical Trials" tab and a link to visit NIHSeniorHealth.gov. A "BeTobaccoFree.gov" logo is visible at the bottom right.

# NLM Homepage

www.nlm.nih.gov

The screenshot shows the NLM homepage with several annotations:

- Green arrow:** Points to the "Databases" section, specifically to "PubMed/MEDLINE". A text box next to it says "Pubmed.gov".
- Red arrow:** Points to "MedlinePlus" in the "Databases" section. A text box next to it says "Medlineplus.gov".
- Yellow arrow:** Points to the "Research at NLM" section, specifically to "Health Services Research & Public Health". A text box next to it says "http://www.nlm.nih.gov/hsrph.html".

**Health Datapalooza 2014 in Washington, DC!**  
NLM staff will be on site to answer your questions about our data and APIs. Visit us at booth #15 at the Wardman Park Marriott.

**Find, Read, Learn**  
Search biomedical literature  
Find medical terminologies  
Search NLM collections  
Read about diseases  
Learn about drugs  
Explore history  
Find a clinical trial  
Use a medical dictionary  
Find free full-text articles

**Explore NLM**  
About NLM  
Health Information  
Library Catalog & Services  
History of Medicine  
Online Exhibitions & Digital Projects  
Information for Publishers  
Visit the Library

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

**NLM for You**  
Grants & Funding  
Meaningful Use Tools  
Training & Outreach  
Network of Medical Libraries  
Mobile Gallery

**News & Events**  
• NLM Launches New Exhibition-related Resources: Online Adaptation of "Pick Your Poison," Educational Resources for "From DNA to Beer" (03/31/14)  
• Medicine to Global Stewardship Residency Symposium, April 8, 2014 (03/12/14)  
• NLM's Mehryar Ebrahimi Named 2014 "Federal Engineer of the Year" (03/11/14)  
• NLM Announces "Native Voices" Classroom Activities and Lesson Plans (02/20/14)

**Technical Bulletin** **Connect with NLM** **Native Voices Multimedia Exhibition** **Podcasts** **NLM Tools & Widgets**

Copyright, Privacy, Accessibility, Site Map, Viewers and Players  
U.S. National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894  
National Institutes of Health, Health & Human Services  
Freedom of Information Act, Contact Us

USA.gov

First published: 10 October 1993  
Last updated: 18 March 2014  
Permanence level: Permanent: Dynamic Content

# Public Health and Health Services Research

<http://www.nlm.nih.gov/hsrph.html>


The screenshot shows the website for the U.S. National Library of Medicine, National Institutes of Health, specifically the Health Services Research & Public Health Information Programs. The page features a navigation bar with links to Databases, Find, Read, Learn, Explore NLM, Research at NLM, and NLM for You. A search bar is located in the top right corner. The main content area is divided into several sections:

- Health Services Research & Public Health Information Programs**: A yellow banner with the text "Integrating Resources for Research and Practice".
- Health Services Research**: Studying access, costs and quality.
- Public Health**: Promoting health for the population.
- Collaborative Projects**:
  - [HSR Information Central](#): 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](#)
- Queries/Searches**:
  - [CER Queries](#): Preformulated searches of PubMed, HSRProj and ClinicalTrials.gov to inform comparative effectiveness research.
  - [HSR Queries](#): Preformulated PubMed search filters on cost and quality.
  - [HP 2020 Structured Evidence Queries](#): Preformulated PubMed search strategies to support improvement on Healthy People 2020 objectives.
- Outreach and Training**:
  - [Finding and Using Health Statistics, Rev. 2007](#)
  - [Health Economics: Information Resources](#)
  - [Health Outcomes, Health Services Research](#)
  - [Against the Odds: Making a Difference in Global Health Exhibit](#)
  - [Health Indicators 4-Part Webinar Series Outreach Activities and Resources](#)
- 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®](#)
- Related Pages**:
  - [Especially for Health Care Professionals](#)
  - [Especially for Researchers](#)

# HSR and Public Health Portals

Home > Health Services Research & Public Health > HSRIC

Serving the Information Needs of the Health Services Research Community

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

Search HSRIC  Go

Email Updates: Please enter your email address in the box below for updates:  Submit

About HSRIC | A to Z Index | FAQ | Site Map | Suggestions?

<b>HSR General Resources</b>	<b>HSR Topics</b>
Data, Tools and Statistics	Aging Population Issues
HSR Social Media Resources	Comparative Effectiveness Research (CER)
Education and Training	Child Health Services Research
Grants, Funding and Fellowships	Evaluation Resources for Assessing HIT Systems and HIT Implementation, Adoption and Use
Guidelines, Journals Other Publications	Dissemination and Implementation Science
Key Organizations	Evidence-Based Practice and Health Technology Assessment
Legislation	Health Care Reform, Health Economics, and Health Policy
Meetings and Conferences	Health Disparities
State Resources	Health Informatics
	Health Literacy and Cultural Competence
	Privacy/Security and Research with Electronic Health Records
	Public Health Services and Systems Research
	Quality
	Rural Health

**What's New**

**In the Spotlight**

Social Media Webkit:

**CDC HealthCommWorks**

Living Textbook of Pragmatic Clinical Trials:

**Rethinking Clinical Trials: A Living Textbook of Pragmatic Clinical Trials**

**Current HSR News**

**April 02, 2014**

CHARTS: How Enrollment in ACA Compares to CHIP and Medicare Part D


**April 01, 2014**

The Health of Lesbian, Gay, Bisexual, and Transgender People: Building a Foundation for Better Understanding

**April 01, 2014**

Children's Health Coverage: Medicaid, CHIP and the ACA

[more news](#)

 **Partners**  
in Information Access for  
the Public Health Workforce

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

<http://phpartners.org>

Search:  Go

Home | News | About Partners | Sitemap | FAQ | Suggest Link | RSS

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

**Public Health Topic Pages**

- Bioterrorism
- Dental Public Health
- Environmental Health
- HIV/AIDS
- How to Access Journal Articles
- Nutrition
- Obesity
- Public Health Genomics
- Veterinary Public Health
- Workforce Development

**Current Public Health News**

- [Health Reform Law Targets Dental Care for Kids, But Gaps Remain: 4 Million Kids Have Unmet Dental Needs](#) - 01-APR-2014
- [CDC Publishes Healthcare-Associated Infections \(HAI\) Progress Report](#) - 01-APR-2014
- [WHO Reports 7 Million Premature Deaths Annually Linked to Air Pollution](#) - 25-MAR-2014
- [ASPPH Working with NIH to Identify Prevention Research Application Reviewers](#) - 25-MAR-2014
- [Sewell Memorial Fund Learning Partnerships Program Seeking Organizations to Host Fellows](#) - 25-MAR-2014

[more news](#)

**Main Topic Pages**

- [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](#)


**In the Spotlight**

[CDC HealthCommWorks](#)


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

[Subscribe to the weekly announcement-only list of new resources](#) [RSS](#)

[What is RSS?](#)

 **VitalSigns**  
Learn about the latest public health data.  
[Read CDC Vital Signs](#)

**Featured Resources**

- [Practice Informed by Research](#)  
 [PubMed](#)  
Structured Evidence Queries  
[VISIT SITE](#)
- [Public Health Information and Data: Tutorial](#)  
[VISIT SITE](#)
- [Resource Guide for Disaster Medicine and Public Health](#)  
[VISIT SITE](#)
- [Against the Odds](#) Making a Difference in Global Health  
[VISIT SITE](#)
- [THIS IS PUBLIC HEALTH.](#)  
[VISIT SITE](#)

# Health Services Research

Health services research investigates three major aspects of health care: *access* to care, the *quality* of the care, and its *cost*.

Health services researchers attempt to *evaluate* the *effects* and *outcomes* of the health care "system" on people's health.



# Health Services Research Information Central (HSRIC)

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

Databases Find, Read, Learn Explore NLM Research at NLM NLM for You The World's Largest Medical Library

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

NICHSR Home | About Us | Contact Us

Home > Health Services Research & Public Health > HSRIC



Serving the Information Needs of the Health Services Research Community

[About HSRIC](#) | [A to Z Index](#) | [FAQ](#) | [Site Map](#) | [Suggestions?](#)

## HSR General Resources

- [Data, Tools and Statistics](#)
- [HSR Social Media Resources](#)
- [Education and Training](#)
- [Grants, Funding and Fellowships](#)
- [Guidelines, Journals Other Publications](#)
- [Key Organizations](#)
- [Legislation](#)
- [Meetings and Conferences](#)
- [State Resources](#)

## HSR Topics

- [Aging Population Issues](#)
- [Comparative Effectiveness Research \(CER\)](#)
- [Child Health Services Research](#)
- [Evaluation Resources for Assessing HIT Systems and HIT Implementation, Adoption and Use \*\*New\*\*](#)
- [Dissemination and Implementation Science](#)
- [Evidence-Based Practice and Health Technology Assessment](#)
- [Health Care Reform, Health Economics, and Health Policy](#)
- [Health Disparities](#)
- [Health Informatics](#)
- [Privacy/Security and Research with Electronic Health Records](#)
- [Public Health Services and Systems Research](#)
- [Quality](#)
- [Rural Health](#)

## What's New



### In the Spotlight

#### Community Tool Box

AcademyHealth Translation and Dissemination Institute:

Translation and Dissemination Institute

### Current HSR News

#### September 17, 2013

Five Key Facts About the Delivery and Financing of Long-Term Services and Supports

#### September 16, 2013

A Comprehensive Healthcare Portal Strategy

#### September 13, 2013

Screening for Childhood Major Depressive Disorder Among Children and Adolescents Final Research Plan

[more news](#)

# Health Services Research Projects in Progress (HSRProj)

[http://wwwcf.nlm.nih.gov/hsr\\_project/home\\_proj.cfm](http://wwwcf.nlm.nih.gov/hsr_project/home_proj.cfm)

The screenshot shows the HSRProj website interface. At the top left is the NLM logo and the text "U.S. National Library of Medicine National Institutes of Health". To the right is a search bar and social media icons. Below the header is a navigation menu with options: "Databases", "Find, Read, Learn", "Explore NLM", "Research at NLM", and "NLM for You". A yellow banner below the menu reads "National Information Center on Health Services Research and Health Care Technology (NICHSR)" with links for "NICHSR Home", "About Us", and "Contact Us". A breadcrumb trail shows "Home > Health Services Research & Public Health > NICHSR > HSRProj".

The main content area is titled "HSRProj (Health Services Research Projects in Progress)" and includes a description: "Information about ongoing health services research and public health projects". It features links for "New Search", "Advanced Search", and "Details", along with a "Try New Search Engine (beta)" button. A search instruction reads: "Enter one or more term(s) to search. Enter a multi-word term or phrase in quotes. Examples: asthma; 'long term care'". Below this is a search input field with "Search" and "Clear" buttons.

A "Select fields to search:" section contains three radio button options: "Search All Fields (default)", "Search Investigator (Enter Last Name)", and "Search Supporting Agency".

At the bottom of the main content area, there is a text prompt: "Click on map icon to search projects by state" next to a small map icon of the United States.

The left sidebar contains a menu with sections: "HSRProj" (with sub-links for Search, Browse Latest Projects, and Browse Supporting Agencies), "About HSRProj" (with sub-links for FAQs, Fact Sheet, Search Tips, What's New, and Brochure), "HSRProj Partners" (with sub-links for AcademyHealth and Sheps Center, UNC-CH), and "Other NLM Resources" (with sub-links for Clinical Trials, HSR Information Central, HSRR, HSTAT, NICHSR, NLM Gateway, PHPartners.org, and PubMed).

The footer contains copyright information: "Copyright, Privacy, Accessibility, Site Map, Viewers and Players U.S. National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20894 National Institutes of Health, Health & Human Services Freedom of Information Act, Contact Us". It also features the USA.gov logo and update information: "Last updated: 26 March 2013 First published: 21 April 2004 Permanence level: Permanent: Dynamic Content".

# HSR and Public Health Portals

Home > Health Services Research & Public Health > HSRIC

Serving the Information Needs of the Health Services Research Community

HSRIC Health Services Research Information Center

Search HSRIC Go

Email Updates: Please enter your email address in the box below for updates: Submit

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

About HSRIC | A to Z Index | FAQ | Site Map | Suggestions?

### HSR General Resources

- Data, Tools and Statistics
- HSR Social Media Resources
- Education and Training
- Grants, Funding and Fellowships
- Guidelines, Journals Other Publications
- Key Organizations
- Legislation
- Meetings and Conferences
- State Resources

### HSR Topics

- Aging Population Issues
- Comparative Effectiveness Research (CER)
- Child Health Services Research
- Evaluation Resources for Assessing HIT Systems and HIT Implementation, Adoption and Use
- Dissemination and Implementation Science
- Evidence-Based Practice and Health Technology Assessment
- Health Care Reform, Health Economics, and Health Policy
- Health Disparities
- Health Informatics
- Health Literacy and Cultural Competence
- Privacy/Security and Research with Electronic Health Records
- Public Health Services and Systems Research
- Quality
- Rural Health

### What's New

#### In the Spotlight

Social Media Webkit:

CDC HealthCommWorks

Living Textbook of Pragmatic Clinical Trials:

Rethinking Clinical Trials: A Living Textbook of Pragmatic Clinical Trials

#### Current HSR News

April 02, 2014

CHARTS: How Enrollment in ACA Compares to CHIP and Medicare Part D

April 01, 2014

The Health of Lesbian, Gay, Bisexual, and Transgender People: Building a Foundation for Better Understanding

April 01, 2014

Children's Health Coverage: Medicaid, CHIP and the ACA

[more news](#)

Partners in Information Access for the Public Health Workforce

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

<http://phpartners.org>

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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 Topic Pages

- Bioterrorism
- Dental Public Health
- Environmental Health
- HIV/AIDS
- How to Access Journal Articles
- Nutrition
- Obesity
- Public Health Genomics
- Veterinary Public Health
- Workforce Development

### Current Public Health News

- Health Reform Law Targets Dental Care for Kids, But Gaps Remain: 4 Million Kids Have Unmet Dental Needs - 01-APR-2014
- CDC Publishes Healthcare-Associated Infections (HAI) Progress Report - 01-APR-2014
- WHO Reports 7 Million Premature Deaths Annually Linked to Air Pollution - 25-MAR-2014
- ASPPH Working with NIH to Identify Prevention Research Application Reviewers - 25-MAR-2014
- Sewell Memorial Fund Learning Partnerships Program Seeking Organizations to Host Fellows - 25-MAR-2014

[more news](#)

### Main Topic Pages

- 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


### In the Spotlight

CDC HealthCommWorks

### What's New on PHPartners.org

Subscribe to the weekly announcement-only list of new resources [RSS](#)

[What is RSS?](#)

 VitalSigns  
Learn about the latest public health data.  
[Read CDC Vital Signs](#)

### Featured Resources

- Practice Informed by Research: Healthy People 2020 PubMed Structured Evidence Queries [VISIT SITE](#)
- Public Health Information and Data: Tutorial [VISIT SITE](#)
- Resource Guide for Disaster Medicine and Public Health [VISIT SITE](#)
- Against the Odds: Making a Difference in Global Health [VISIT SITE](#)
- THIS IS PUBLIC HEALTH. [VISIT SITE](#)

# Partners in Information Access for the Public Health Workforce (PHPartners)

<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 Topic Pages

- [Bioterrorism](#)
- [Dental Public Health](#)
- [Environmental Health](#)
- [HIV/AIDS](#)
- [How to Access Journal Articles](#)
- [Nutrition](#)
- [Obesity](#)
- [Public Health Genomics](#)
- [Veterinary Public Health](#)
- [Workforce Development](#)



## Main Topic Pages

- [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](#)

## Current Public Health News

- [CDC Foundation Launches Business Pulse](#) - 17-SEP-2013
- [CDC Launches "Surviving and Thriving: AIDS, Politics, and Culture" Rolling Banner Display and Online Exhibition](#) - 17-SEP-2013
- [New CDC and National Institute of Justice Book Describes Principles for Preventing Youth from Joining Gangs](#) - 17-SEP-2013
- [Untreatable: Report by CDC Details Today's Drug-Resistant Health Threats](#) - 16-SEP-2013
- [New Critical Opportunities Videos & Journal Article Offer Evidence-Based Solutions](#) - 16-SEP-2013

[>>> more news](#)

## In the Spotlight

[Community Tool Box](#)

## What's New on PHPartners.org

- [Subscribe to the weekly announcement-only list of new resources](#) [RSS](#)
- [What is RSS?](#)



## Featured Resources



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# Healthy People 2020 SEQ's

<http://phpartners.org/hp2020/index.html>

## Healthy People 2020 Structured Evidence Queries



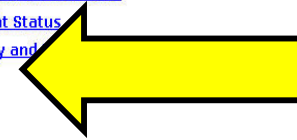
### Practice Informed by Research

This resource provides pre-formulated PubMed search strategies to find published literature to support achieving Healthy People 2020 objectives.

[Search by Topic Area](#) | [About this Project](#) | [FAQs](#) | [Give Us Feedback](#) | [Handout](#) | [Contributors](#)

### Search by Topic Area

- [Access to Health Services](#)
- [Adolescent Health](#)
- [Arthritis, Osteoporosis, and Chronic Back Conditions](#)
- [Blood Disorders and Blood Safety - beta](#)
- [Chronic Kidney Disease](#)
- [Dementias, Including Alzheimer's Disease](#)
- [Diabetes](#)
- [Early and Middle Childhood](#)
- [Environmental Health - beta](#)
- [Family Planning](#)
- [Food Safety](#)
- [Genomics](#)
- [Health Communication and Health IT](#)
- [Healthcare-Associated Infections](#)
- [Heart Disease and Stroke - beta](#)
- [HIV - beta](#)
- [Maternal, Infant, and Child Health](#)
- [Medical Product Safety](#)
- [Mental Health and Mental Disorders](#)
- [Nutrition and Weight Status](#)
- [Occupational Safety and Health](#)
- [Oral Health](#)
- [Physical Activity](#)
- [Preparedness](#)
- [Respiratory Diseases - beta](#)
- [Sexually Transmitted Diseases - beta](#)
- [Sleep Health](#)
- [Substance Abuse](#)
- [Tobacco Use](#)
- [Vision](#)



Beta search queries have not yet been reviewed by subject experts.

### About this Project

The [National Library of Medicine](#) (NLM), [National Institutes of Health](#) (NIH), and the [U.S. Department of Health and Human Services](#) (HHS), [Office of Disease Prevention and Health Promotion](#), have worked together to develop preformulated search strategies (structured evidence queries) that search high-quality, peer-reviewed scientific literature to identify research evidence for selected [Healthy People 2020](#) objectives.

These one-click strategies search [PubMed](#), an NLM database that provides access to millions of citations from MEDLINE, life science and public health journals, and on-line books. PubMed includes links to many sites providing full text articles and other related resources. Click on the topic areas listed above to link to specific search strategies.


This site is supported by the [NLM](#) with the assistance of the collaboration, Partners in Information Access for the Public Health Workforce. Your [feedback](#) is important to this project and will be greatly appreciated.

To share the resource with colleagues and staff, this [handout](#) provides a project overview.




# National Network of Libraries of Medicine (NN/LM)

<http://www.nlm.nih.gov/network.html>



U.S. National Library of Medicine  
National Institutes of Health

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The World's Largest Medical Library

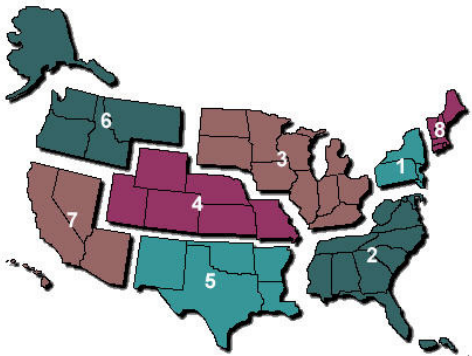
Home > *Network of Medical Libraries*

## Network of Medical Libraries

- National Network of Libraries of Medicine (NN/LM)**

Coordinated by the National Library of Medicine, the NN/LM is a network of health science libraries and information centers throughout the United States. The NN/LM provides health care professionals and the public equal access to biomedical and health care information resources.

[More about the NN/LM](#) (Fact Sheet)  
[National Network Office](#) at NLM administers the NN/LM program.




**Network Regions:** [1: Middle Atlantic](#) | [2: Southeastern Atlantic](#) | [3: Greater Midwest](#) | [4: MidContinental](#) | [5: South Central](#) | [6: Pacific Northwest](#) | [7: Pacific Southwest](#) | [8: New England](#)

The following associations and organizations support the health sciences information field and medical libraries. They are committed to educating health information professionals, promoting excellence in libraries, and supporting health information research.

- Medical Library Association (MLA)**

A nonprofit, educational organization committed to educating health information professionals, supporting health information research, promoting access to the world's health sciences information, and working to ensure that the best health information is available to all.
- Association of Academic Health Sciences Libraries (AAHSL)**

Promotes excellence in academic health sciences libraries and ensures that the next generation of health practitioners is trained in information seeking skills that enhance the quality of health care delivery, education, and research.



### Related Pages

- [Especially for Librarians](#)
- [Especially for Health Care Professionals](#)
- [Partners of NLM](#)  
Government and non-profit partners of the Library

### Related Products/Services

- [National Library of Medicine Training Center](#)

# Questions?

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