OBJECTIVES

Participants will be able demonstrate the use of a minimum of three resources from the National Library of Medicine and other trusted entities to locate data and statistics pertinent to rural settings.

Participants will be able demonstrate the use of a minimum of three resources from the National Library of Medicine and other trusted entities to locate information about rural health issues and concerns.
Overview of NLM and NNLM

Rural health issues

Health topic resources
- SIS Opiate Resources
- ToxTown
- MedlinePlus
- Rural Health Information Hub

Evidence resources
- Community Guide
- CDC Community Health Improvement Navigator
- PubMed Central
- NNLM programming guide

Statistics resources
- PHPartners
- Atlas of Rural and Small Town America
- County Health Rankings and Roadmaps

Funding resources
THE NATIONAL LIBRARY OF MEDICINE

National Library of Medicine

World’s largest biomedical library
Founded in 1836
Part of the National Institutes of Health
Produces a large number of electronic resources in addition to maintaining a print collection
Supports and conducts research, development, and training related to biomedical information

National Network of Libraries of Medicine

Program Coordinated by the National Library of Medicine to:
Provide health professionals with equal access to biomedical information
Improve the public’s access to information to make informed health decisions
The Middle Atlantic Region is based at the University of Pittsburgh, which is the regional medical library for NY, NJ, PA & DE
NATIONAL NETWORK OF LIBRARIES OF MEDICINE, MIDDLE ATLANTIC REGION

Members include:

• Health departments
• Faith-based organizations
• Community colleges and universities
• Hospitals
• Schools
• Public libraries
BECOMING A MEMBER

Free for organizations in the Middle Atlantic region
Update your contact information annually

Resources
Training
Funding
HEALTH TOPICS OF RELEVANCE

Chronic disease
Substance Abuse
Access to care
Environmental Health
Opiate Addiction and Treatment (Enviro-Health Links)

- Understanding Addiction
- Opioid Overdose
- Opioid Drugs
- Medications to Treat Opioid Addiction
- Opioid Prescribing
- Pregnancy, Opioid Use, and Neonatal Abstinence Syndrome
- Recovery
- Data, Trends, & Statistics
- Topic-related Searches of National Library of Medicine Resources
Opiate Addiction and Treatment Links - Specialized Information Services

NLM Specialized Information Services provides information about special topics and populations.

Opioid addiction and treatment page links to reliable resources about opioid prevention, addiction.

Preformulated PubMed searches are useful when doing research on this topic.

Medications to Treat Opioid Addiction

- Buprenorphine Training for Physicians
  Substance Abuse and Mental Health Services Administration
  National Institute on Drug Abuse
- Medications to Treat Opioid Addiction
  National Institute on Drug Abuse
- MATx: A Mobile App to Support Medication-Assisted Treatment of Opioid Use Disorder
  Substance Abuse and Mental Health Services Administration
- Medication and Counseling Treatment
  Substance Abuse and Mental Health Services Administration
  - Buprenorphine
  - Methadone
  - Naltrexone
  - Naloxone
- Opioid Addiction Treatment: A Guide for Patients, Families and Friends
  American Society of Addiction Medicine

Topic-related Searches of National Library of Medicine Resources

PubMed - Biomedical journal literature

- Opioid Epidemic
  - Articles from last 6 months
  - Review articles
  - All articles on this topic - May retrieve large number of citations
  - Copy this link to use in an RSS reader (such as Live Bookmarks, Feedly, Digg Reader, or Feeder) and get alerted to new citations.
- Opioid Addiction Treatment
Welcome to ToxTown

Tox Town provides consumer-level information on everyday locations and situations where you might be exposed to toxic chemicals. This site will help you better understand risks of exposure, potential health effects, and how to protect yourself.
ToxTown

Provides information on:
- Everyday locations where you might find toxic chemicals
- Non-technical descriptions of chemicals
- Links to selected, authoritative chemical information on the Internet
- How the environment can impact human health

Developed for:
- The general public
- Community leaders
- Educators
- Students above elementary-school level

ToxTown Homepage (https://toxtown.nlm.nih.gov)
Air Pollution
Learn how air pollution can increase the risk of illness. Minimize your exposure.

Natural Disasters
Disasters cause loss of life, damage, and pollution. Read about their health effects.

Drinking Water
Contaminants in drinking water pose health risks. Learn about pollutants. Reduce your risk.

Schools
Find out about health-threatening pollutants in the schools. Learn how to keep schools healthy.

All Sources of Exposure

Abandoned Military Sites
Factories
Power Plants
Runoff

Agriculture
Fish Farming

Air Pollution
Food and Cooking

Algae Blooms
Fuel Industry

Acetone
Read about health effects of exposure to this common solvent. Reduce your risk.

Bisphenol A (BPA)
Concerned about health risks of BPA in plastics? Visit this page.

Chlorine
Exposure to chlorine can cause negative health effects. Learn more. Protect yourself.

Pesticides
Exposure to pesticides can harm your health. Find out how to reduce your risk.

Chemicals & Contaminants
Hydraulic Fracturing (Fracking)

What is it?
Crude oil, natural gas, and geothermal energy can be extracted through a process called hydraulic fracturing—or fracking. Fracking injects water, sand, and chemicals deep into the ground. These fluids open or expand cracks in underground rocks. The cracks then release oil, natural gas, or geothermal energy, which is heat contained in the rock and fluids underground.

Why is it a concern?
Fracking uses toxic chemicals that may contaminate water and air. Fracking fluids may leak through cracks into drinking water aquifers. They may also spill onto the ground and contaminate surface water and groundwater.

Traffic and diesel fumes from generators and trucks going into and out of the fracking site contribute to air pollution.

Reduce your risk

Evaluate

Avoid and Address

- Avoid outside activities near these sites.
- Avoid inhalation of dust from trucks and cars.
- Test your well water routinely for possible chemical contamination.
- If your well water has high levels of chemicals, contact your local or state health agency or the Centers for Disease Control and Prevention (CDC) for information on how to reduce your exposure to these chemicals.

Workers and communities near a fracking site are at risk.
MEDLINEPLUS

NLM main portal for consumer health information

The resources provided are only from trusted sources of health information

Available in English and Spanish

Offers information on over 1,000 health topics, including:

• Medications and supplements
• Lab tests
• Health conditions
• Wellness
• Demographic groups

MedlinePlus Homepage  (https://medlineplus.gov/)
MEDLINEPLUS TOPIC PAGES

Opioid Abuse and Addiction
Heart Diseases
Depression
Health Insurance
Diabetes
Oral Health
Asthma
Alcohol
Caregivers
Parenting
Bereavement
Homeless Health Concerns
Domestic Violence
Teen Health
Seniors’ Health
Native American Health
Your First Stop for Rural Health Information

Get Rural Updates & Alerts

Find Rural Data

The Rural Monitor

Rural Health Opioid Program Funds Care Coordination Efforts for Recovery

As more federal dollars are directed toward the opioid crisis, three communities use grant funds for treatment and recovery care.

FORHP Grants in Motion

RURAL HEALTH INFORMATION HUB

RHI HUB
(https://www.ruralhealthinfo.org)
RURAL HEALTH INFORMATION HUB

Funded by the Federal Office of Rural Health Policy

Intended to be a national clearinghouse on rural health issues and support healthcare and population health in rural communities

Website includes information related to:
- Funding
- News
- Health information and toolkits
- Statistics

RHI Hub Homepage (https://www.ruralhealthinfo.org)
Your trusted resource for online peer-reviewed public health information.

LEARN MORE

Join the community and help build this knowledge base by suggesting a resource, news article, or event.

Sign Up for News Updates  Suggest a Link

PHPARTNERS
(https://phpartners.org)
PHPARTNERS

Partners in Information Access for the Public Health Workforce

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

Focus is to encourage collaboration and organize health information resources for use by public health professionals

Includes topic pages on relevant public health topics, including a data and statistics portal

PHPartners Homepage (https://phpartners.org)
Search tool from the Economic Research Service (ERS), which is part of the USDA

The ERS is to promotes the well-being of rural communities in the United States by conducting research and analysis to better understand the economic, demographic, environmental, and social forces affecting rural regions.

The Neighborhood Atlas has statistics on 4 categories:
- Jobs
- Veterans
- People
- County Classifications

Health Is Where We Work

COUNTY HEALTH RANKINGS AND ROADMAPS
COUNTY HEALTH RANKINGS AND ROADMAPS

Collaboration between the Robert Wood Johnson Foundation & the University of Wisconsin Population Health Institute

How influenced by where people live, work, learn and play

Statistics at the county level on factors such as:
- Quality of life
- Health behaviors
- Clinical care
- Social and Economic factors
- Physical environment

Information about strategies to improve health in a community

CHRR Home Page (http://www.countyhealthrankings.org)
Health Statistics on the Web

This hands-on course focuses on the location, selection, and effective use of statistics relevant to health on the local, state, national, and international levels. The importance and relevance of health statistics in various contexts will be discussed. Participants will have the opportunity to become familiar with the features and scope of several statistics Internet resources through the use of numerous exercises.

Objectives:
At the conclusion of the class, participants will:

- Be able to identify selected key websites for use in the location of data sets and statistics for use at the local, state, national, and international level.
- Achieve a general understanding of the types of data sets and statistics available on the Internet.
- Understand the 4-step process used to successfully locate relevant health statistics for a particular circumstance or issue.

Upcoming Classes
There are no upcoming classes
A collection of evidence-based findings of the Community Preventive Services Task Force (CPSTF)

The CPSTF was established in 1996 by the Department of Health And Human Services to look at the evidence for or against disease prevention and health promotion activities

The information in the community guide aims to answer three questions:

1. What has worked for others and how well?
2. What might this intervention approach cost, and what am I likely to achieve through my investment?
3. What are the evidence gaps?

Community Guide Homepage (https://www.thecommunityguide.org)
A database from the Centers for Disease Control and Prevention (CDC) to search for evidence-based interventions that:

- Use a collaborative approach to community health
- Address underlying risk factors for the leading causes of morbidity and mortality in the U.S.

The development was related to the requirement for tax-exempt hospitals to conduct community health needs assessments and respond to community needs, but can be used by organizations and individuals interested in improving the health of their communities.

[CHI Navigator Homepage](https://wwwn.cdc.gov/chidatabase)
PUBMED CENTRAL

A free archive of biomedical and life sciences journal literature developed in 2000 by the National Center for Biotechnology Information (NCBI) - a division of NLM

An electronic archive of 5 million free full-text journal articles

Most articles in PMC have a corresponding entry in PubMed

Participation by publishers in PMC is voluntary, but participating journals must meet certain scientific and technical standards

*Publishers and individual authors continue to hold copyright on the material in PMC and users must abide by the terms defined by the copyright holder

PubMed Central Homepage (https://www.ncbi.nlm.nih.gov/pmc)
From Problem to Prevention: Evidence-Based Public Health

Curious about evidence-based public health (EBPH) but not sure where to start? This class will explain the basics of evidence-based public health (EBPH) and highlight essentials of the EBPH process such as identifying the problem, forming a question, searching the literature, and evaluating the intervention. The purpose of this class is to provide an introduction to the world of evidence based public health and to give those already familiar with EBPH useful information that can be applied in their practices.

Update Author
Derek Johnson, Health Professionals Outreach Specialist, NNLM Greater Midwest Region

Objectives: Participants will be able to:
- Define and describe evidence-based public health
- Identify a public health need and formulate an answerable question
- Locate and search applicable literature and resources
- Understand the importance of evaluation and locate helpful resources

Upcoming Classes
DCAHSL Fall Meeting - From Problem to Prevention - Will Duct Tape Cure My Warts

Additional Details
Monday, September 24, 2018
12:30pm - 3:00pm

NNLM online class registration
(https://nnlm.gov/training)
Activate, Collaborate and Educate

Welcome to the Resource Guide for the NNLM course, *Activate, Collaborate, and Educate: Health Outreach and Programming in Your Community*. On this Guide you will find information on how to integrate the reliable and freely available health information resources from the National Library of Medicine (NLM) into health outreach and programming at your institution. The games, activity sheets and materials developed are all done based on information found within the National Library of Medicine’s health information resources such as MedlinePlus and Tox Town. Visit the NNLM MAR Outreach Toolkit to learn ways that we support member outreach initiatives.
Health Outreach and Programming

About Engage for Health

The Hospital & Healthsystem Association of Pennsylvania (HAP®) and its Pennsylvania Hospital Engagement Network (PA-HEIN®) developed ‘Engage for Health’, a series of tools to conduct a community education program on taking an active role in your health care. In 2016 the Pennsylvania Library Association (PA-ALA®) and the National Network of Libraries of Medicine, Middle Atlantic Region (NNLM MAR) partnered with HAP, the NNLM Evaluation Office (NED) and the Agency for Healthcare Research and Quality (AHRQ®) to update the program and pilot it in 16 libraries across PA.

The ‘Engage for Health’ program is now available for libraries, and health care providers to offer in their communities. If you wish to offer the program, please feel free to use the materials located on this page.

We encourage you to offer this program, use the evaluation materials and let us know about the success of your ‘Engage for Health’ program.

AHRQ published a case study on the ‘Engage for Health’ program here.

drug myths and facts unveiled

This is a Substance Use Awareness Program for Tweens/Teens. Drug use is a public health issue that has garnered much attention over the past few years. This program provides a way to increase awareness of how the use of different types of drugs affects the body.

The content from this session comes from the following agencies:
- National Institutes of Health, National Library of Medicine (NIH, NLM)
- National Institutes of Health, National Institute on Drug Abuse (NIH, NIDA)/Scholastic

In addition to the Drugs and Your Body program materials, there are links to other reliable resources from reputable agencies. You will also find activity and discussion ideas that can be used with any program on substance use that you may offer.

If you decide to offer this program at your organization, please let NNLM MAR know. We’d love to hear from you. Feel free to email.

Reliable Resources

- Opiate Addiction and Treatment (NLM-SIS)®
- National Drug and Alcohol Facts Week®
- NIDA for Teens: Drug Use and the Brain®
- MedlinePlus® (NLM)
- Drugs & Your Body (Scholastic and NIDA)
- Mind Over Matter® (NIDA)
<table>
<thead>
<tr>
<th>Title</th>
<th>Amount/Application Deadline</th>
<th>Description</th>
<th>Funding Period/Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regional Symposium Award</td>
<td>Up to $18,500 04/13/2018 - 11:00pm</td>
<td>Support NNLM collaboration with Network members to plan symposia or large-scale professional development activities that address current trends in the healthcare landscape and their</td>
<td>05/15/2018 to 04/30/2019 Closed</td>
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NNLM MAR Funding Opportunities

 NNLM MAR Funding (https://nnlm.gov/mar/funding)
PREVIOUSLY FUNDED PROJECTS

Health Information Outreach in Shale Gas Communities - Southwest Pennsylvania Environmental Health Project

Health Information on the Go: Reaching Rural Populations by Bookmobile - Columbia County Traveling Library Authority

Promoting Health Literacy by Training Front-Line Staff in a Hospital Setting - Wilkes-Barre General Hospital

Enhancing Access to Biomedical Resources & Health Information through the Community Health Worker Training - Northeast Pennsylvania Area Health Education Center
Other Funding Sources

Federal Government Funding

NLM Grants & Funding
The National Library of Medicine (NLM) provides grants and fellowships to organizations and individuals as a part of the National Institutes of Health. Visit the NLM Grants & Funding page to see a full list of available research grants, professional development awards, fellowship programs, and information on how to apply.

AIDS Community Information Outreach Projects
The HHS Specialized Information Services (SIS) Division offers funding opportunities for AIDS Community Information Outreach Projects. The purpose of these projects is to design programs for improving HIV/AIDS information access for patients and the affected community, as well as their caregivers and the general public. Emphasis is on increasing the awareness and utilization of NLM online health and medical resources in the HIV/AIDS Community through use of innovative and evidence-based projects.

Disaster Health Information Outreach Projects
The Disaster Information Management Research Center (DIMRC) provides funding support for outreach and collaboration projects related to disaster health information. Appropriate projects are those intended to
Rural Funding & Opportunities

Summaries of funding programs are provided by RHIIhub for your convenience. Please contact the funder directly for the most complete and current information.

- **What's New in Funding** - opportunities added in the past 30 days
- **Funding by Type** - browse grants, scholarships, technical assistance, and more
- **Funding by Sponsor**
- **Funding by Topic**
- **Funding by State**
New York Funding & Opportunities

Sort By: Date | Name

New York State Health Foundation Special Projects Fund
Funding for projects that have the potential to measurably improve the health of vulnerable populations in New York.

Geographic coverage: New York
Letter of Intent (Required): Oct 3, 2018
Application Deadline: Nov 30, 2018
Sponsor: New York State Health Foundation

America's Farmers Grow Community
Farmers enroll for a chance to direct $ organizations that are important to the community.
Geographic coverage: Available in selected counties
Application Deadline: Nov 1, 2018
Sponsor: Monsanto Fund

New York 1-1 Visa Waiver Program
Offers a 1-1 Visa waiver to foreign PhD students for 3 years in an underserved area.

RURAL HEALTH
Funding & Opportunities by Topic
Summaries of funding programs are provided by RHHub for your convenience. Please contact the funder directly for the most complete and current information.

Browse A-Z

A
- Abuse and violence - (10 active opportunities, 58 inactive)
- Access - (39 active opportunities, 109 inactive)
- Accountable Care Organizations - (1 active opportunity, 5 inactive)
- Accreditation - (0 active opportunities, 2 inactive)
- African Americans - (9 active opportunities, 26 inactive)
- Aging and aging-related services - (10 active opportunities, 24 inactive)
- Agricultural health and safety - (6 active opportunities, 18 inactive)
- Alcohol use - (3 active opportunities, 9 inactive)
- Allied health - (6 active opportunities, 9 inactive)

B
- Bilingual - (2 active opportunities, 2 inactive)
- Behavioral health - (4 active opportunities, 2 inactive)
- Biotechnology - (1 active opportunity, 1 inactive)
- Biotechnology - (1 active opportunity, 1 inactive)

C
- Community health - (5 active opportunities, 26 inactive)
- Community health - (5 active opportunities, 26 inactive)

D
- Disability - (3 active opportunities, 9 inactive)
- Diversity - (2 active opportunities, 2 inactive)

E
- Emergency preparedness - (1 active opportunity, 1 inactive)
- Economic development - (2 active opportunities, 2 inactive)

F
- Farming and agriculture - (2 active opportunities, 2 inactive)
- Family - (2 active opportunities, 2 inactive)

G
- Genetic disorders - (1 active opportunity, 1 inactive)
- Geriatric health - (1 active opportunity, 1 inactive)

H
- Health care - (6 active opportunities, 11 inactive)
- Health care - (6 active opportunities, 11 inactive)

I
- Immigration - (1 active opportunity, 1 inactive)
- Infant mortality - (2 active opportunities, 2 inactive)

J
- Job creation - (1 active opportunity, 1 inactive)

K
- Knight - (1 active opportunity, 1 inactive)

L
- Leadership - (1 active opportunity, 1 inactive)

M
- Managed care - (1 active opportunity, 1 inactive)
- Maternal health - (2 active opportunities, 2 inactive)

N
- Nutrition - (1 active opportunity, 1 inactive)

O
- Outreach - (1 active opportunity, 1 inactive)

P
- Parenting - (1 active opportunity, 1 inactive)

Q
- Quality improvement - (1 active opportunity, 1 inactive)

R
- Rural health - (1 active opportunity, 1 inactive)

S
- Suicide prevention - (1 active opportunity, 1 inactive)

T
- Tobacco - (2 active opportunities, 2 inactive)

U
- Universal health care - (1 active opportunity, 1 inactive)

V
- Violence prevention - (1 active opportunity, 1 inactive)

W
- WIC - (1 active opportunity, 1 inactive)

X
- Xenophobia - (1 active opportunity, 1 inactive)

Y
- Youth - (1 active opportunity, 1 inactive)

Z
- Zero hunger - (1 active opportunity, 1 inactive)
## Rural Health Funding Opportunities

**View Funding Opportunities:**  All Funding Opportunities  Open Funding Opportunities  Go

<table>
<thead>
<tr>
<th>Opportunity Name</th>
<th>Announcement Number</th>
<th>Program Category</th>
<th>Opportunity Status</th>
<th>Application Deadline</th>
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<tr>
<td>Rural Health Network Development Planning Program</td>
<td>HRSA-19-025</td>
<td>Office of Rural Health Policy</td>
<td>Open</td>
<td>11/30/2018</td>
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<tr>
<td>Rural Residency Planning and Development – Technical Assistance</td>
<td>HRSA-18-117</td>
<td>Office of Rural Health Policy</td>
<td>Closed</td>
<td>08/22/2018</td>
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</tbody>
</table>
QUESTIONS?

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https://nnlm.gov/mar

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