


4-22-2016

An Overview of Free and Useful Resources from the National Library of Medicine

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An Overview of Free and Useful Resources from the National Library of Medicine

Alicia Lillich
Kansas/Technology Coordinator
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University of Kansas Medical Center



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National Library of Medicine



The world's _____ library!

<http://nlm.nih.gov>

Objectives

By the end of this session I want to equip you to:

- Provide instruction on a variety of **resources** suitable for students/faculty teaching health professions and science curricula.
- Know where to find appropriate **handouts and educational tools**

MedlinePlus.gov

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Find information on health, wellness, disorders and conditions

 **Drugs & Supplements**
Learn about prescription drugs, over-the-counter medicines, herbs, and supplements

 **Videos & Tools**
Discover tutorials, health and surgery videos, games, and quizzes

 **Medical Encyclopedia**
Articles and images for diseases, symptoms, tests, treatments

Medical Dictionary from Merriam-Webster

 **MedlinePlus has over 975 health topics!**
Read about diseases, illnesses, health conditions and wellness issues on our **health topic pages**.

1 2 3 4 ||

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- Health check tools
- Magazine
- Medical dictionary & encyclopedia
- Health news

M+ Handouts and Tutorials

Information for Librarians and Trainers



The goal of MedlinePlus is to bring appropriate, authoritative health information to those who need it. We appreciate your efforts in training people on how to use MedlinePlus. Here are some training resources which might help you with your classes and health fairs.

Resources for Teaching MedlinePlus

MedlinePlus Tour

- MedlinePlus Tour in [English](#) and [Spanish](#) - A narrated tour of the main features of MedlinePlus. The video runs about 2.5 minutes.

MedlinePlus Brochures

- MedlinePlus PDF Brochure - in [English](#) (updated May 2015) and [Spanish](#) (updated May 2015)
- [MedlinePlus for Health Professionals](#) PDF Brochure (updated July 2015)
- [MedlinePlus Connect](#) PDF Brochure (updated June 2014)
- [MedlinePlus XML Data Sources](#) PDF Brochure (updated December 2013)

About MedlinePlus

- [Articles about MedlinePlus](#)
- [Citing MedlinePlus FAQ](#)
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- [MedlinePlus FAQs](#)
- [MedlinePlus Quality Guidelines](#)
- [MedlinePlus Search Tips](#)

Resources for Teaching How to Find Health Information Online

General

- [Evaluating Internet Health Information: A Tutorial from the National Library of Medicine](#) ([download](#))
- [Finding Accurate and Reliable Health Information on the Internet](#) - PDF (University of Minnesota Health Sciences Libraries)
- [Finding Quality Health Information on the Web: A Tool Kit](#) (University of Washington Center for Public Health Nutrition)
- [MedlinePlus Guide to Healthy Web Surfing](#)
- [MedlinePlus Page: Evaluating Health Information](#)
- [MedlinePlus Page: Understanding Medical Research](#)


M+ Health Topics


NLM U.S. National Library of Medicine




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- [Earplugs Help Prevent Hearing Loss Tied to Loud Concerts](#)
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Clinical Trials

Search [ClinicalTrials.gov](#) for drug and treatment studies.

[Home](#) → [Health Topics](#) → [Athlete's Foot](#)

Athlete's Foot

Also called: **Tinea pedis**

On this page		
Basics <ul style="list-style-type: none">SummaryStart HerePrevention and Risk Factors	Learn More <ul style="list-style-type: none">No links available	See, Play and Learn <ul style="list-style-type: none">Images
Research <ul style="list-style-type: none">Clinical TrialsJournal Articles	Resources <ul style="list-style-type: none">Find an Expert	For You <ul style="list-style-type: none">ChildrenTeenagersPatient Handouts

Summary

Athlete's foot is a common infection caused by a fungus. It most often affects the space between the toes. Symptoms include itching, burning, and cracked, scaly skin between your toes.

You can get athlete's foot from damp surfaces, such as showers, swimming pools, and locker room floors. To prevent it

- Keep your feet clean, dry, and cool
- Wear clean socks
- Don't walk barefoot in public areas
- Wear flip-flops in locker room showers
- Keep your toenails clean and clipped short

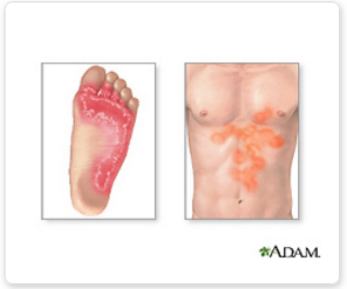
Treatments include over-the-counter antifungal creams for most cases and prescription medicines for more serious infections. These usually clear up the infection, but it can come back.

Centers for Disease Control and Prevention


Start Here

- [Athlete's Foot](#) (American College of Foot and Ankle Surgeons)
- [Athlete's Foot](#) (American Podiatric Medical Association)
- [Athlete's Foot](#) (Mayo Foundation for Medical Education and Research)

Prevention and Risk Factors



ADAM

Get Athlete's Foot updates by email 

MEDICAL ENCYCLOPEDIA

[Athlete's foot](#)

[Skin lesion KOH exam](#)

Related Health Topics

[Foot Health](#)

[Tinea Infections](#)

National Institutes of Health

The primary NIH organization for research on *Athlete's Foot* is the National Institute of Allergy and Infectious Diseases

M+ Language Resources

NIH U.S. National Library of Medicine



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English



Temas de salud

Infórmese sobre temas de salud, bienestar, enfermedades y condiciones



Medicinas y suplementos

Aprenda sobre sus medicamentos de receta, de venta libre, hierbas y suplementos



Videos y multimedia

Descubra tutoriales, videos de cirugías, juegos y herramientas virtuales



Enciclopedia médica

Artículos e imágenes sobre enfermedades, síntomas, exámenes, tratamientos

[Documentos de lectura fácil](#)



¿Su dieta necesita un poco de color?

Visite nuestra [página sobre nutrición](#) para conocer cómo darle más variedad a su plato

1 2 3 4 ||

Noticias sobre la salud

Niños de zonas rurales enfrentan dificultades cuando enferman gravemente

Una infección común provocó fracaso del primer trasplante de útero en EE. UU.

Vinculan la terapia hormonal para el cáncer de próstata con la depresión

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Discover tutorials, health and surgery videos, games, and quizzes

Medical Encyclopedia

Articles and images for diseases, symptoms, tests, treatments



[Medical Dictionary from Merriam-Webster](#)

Videos & Tools



Watch health videos on topics such as anatomy, body systems, and surgical procedures. Test your knowledge with interactive tutorials and games. Check your health with calculators and quizzes.



Health Videos

View videos of anatomy and body systems and how diseases and conditions affect them.



Surgery Videos

Find videos of operations and surgical procedures.



Health Check Tools

Check your health with interactive calculators, quizzes and questionnaires.



Games

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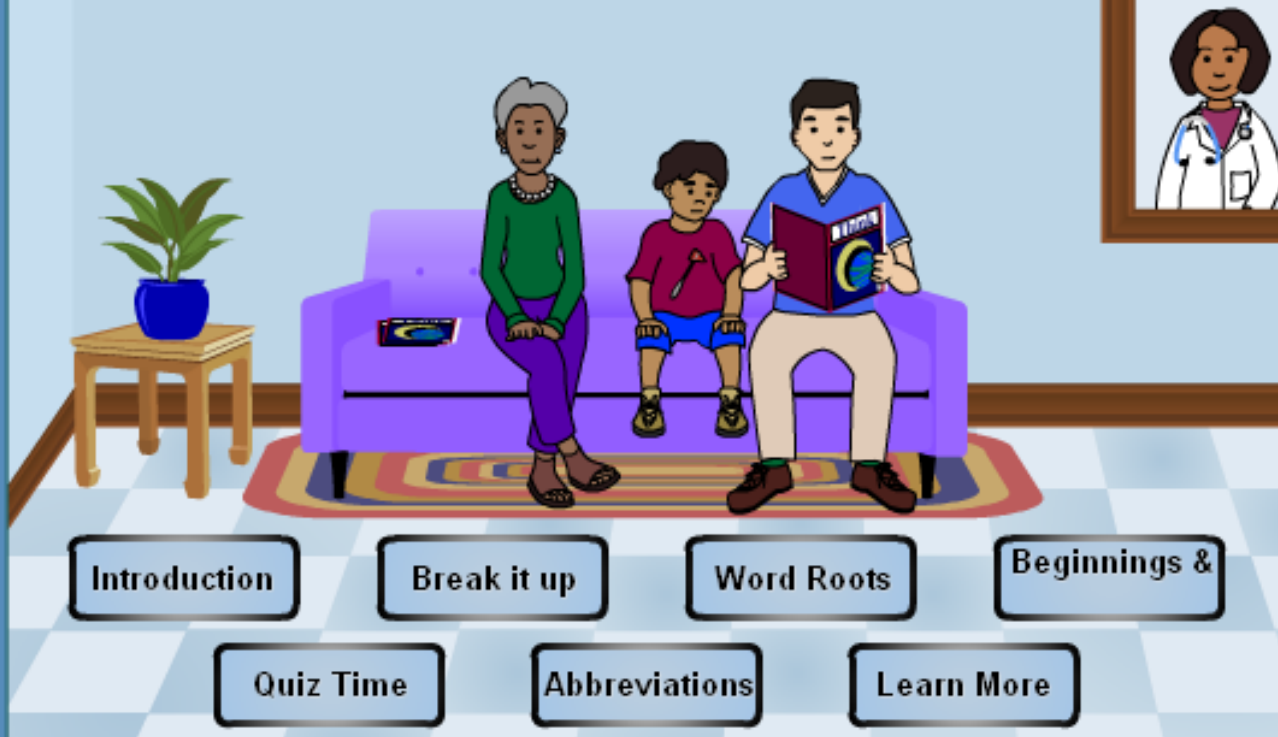
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Understanding Medical Words

Understanding Medical Words

A tutorial from the
National Library of Medicine



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[Help Me Understand Genetics](#)

Genetics Home Reference provides consumer-friendly information about the effects of genetic variation on human health.



Health Conditions

More than 1,100 health conditions, diseases, and syndromes

[Browse A-Z](#)



New & Updated

New

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[fibrochondrogenesis](#)

[DOLK-congenital disorder of glycosylation](#)

Past 12 Months

Updated

[Moebius syndrome](#)

[Poland syndrome](#)

[spondyloepiphyseal dysplasia congenita](#)

[tetrasomy 18p](#)

[Past 12 Months](#)



Genes

More than 1,300 genes and the health effects of genetic changes

[Browse A-Z](#)



GHR Classroom Resources



Health Conditions

Genes

Chromosomes & mtDNA

Resources

Help Me Understand Genetics



Resources

Each of the following categories provides links to useful genetics resources on the web.

Open All

Close All

▶ Support and Advocacy

▶ General Genetics

▶ Genetic Testing

▼ Classroom Resources

[A Closer Look at Chromosomes \(U.S. National Library of Medicine\)](#)

[A Revolution In Progress: Human Genetics and Medical Research \(National Institutes of Health\)](#)

[Arizona State University: Ask a Biologist](#)

[BioInteractive \(Howard Hughes Medical Institute\)](#)

[Bookshelf \(National Center for Biotechnology Information\)](#)

[Deciphering the Genetic Code: Marshall Nirenberg \(National Institutes of Health\)](#)

[DNA From the Beginning \(Cold Spring Harbor Laboratory\)](#)

[Dolan DNA Learning Center \(Cold Spring Harbor Laboratory\)](#)

[G2C2: Genetics/Genomics Competency Center for Education](#)

[G3C: Global Genetics and Genomics Community](#)

[GeneEd: Teacher Resources](#)

[Genetic Education Modules for Teachers \(National Human Genome Research Institute\)](#)

[Genetic Science Learning Center \(University of Utah\)](#)

[Genetics Education Materials for School Success \(GEMSS\)](#)

PubMed.gov



PubMed

PubMed comprises more than 25 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.

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Featured comment - Oct 2

Protecting the kidneys? Journal Club @NephJC wraps up discussion of remote ischemic preconditioning trial.

1.usa.gov/1EZic4N

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[Batch Citation Matcher](#)

[Clinical Queries](#)

[Topic-Specific Queries](#)

More Resources

[MeSH Database](#)

[Journals in NCBI Databases](#)

[Clinical Trials](#)

[E-Utilities \(API\)](#)

[LinkOut](#)

How to Search PubMed

PubMed

Automatic Term Mapping (ATM)

PubMed uses Automatic Term Mapping which recognizes *thousands* of concepts and maps to an appropriate term.

ATM Checks these tables:

- Subjects (Medical Subject Headings)
- Journal Titles
- Authors

PubMed Search Details

Article types

Clinical Trial
Review
Customize ...

Text availability

Abstract
Free full text
Full text

PubMed Commons

Reader comments
Trending articles

Publication dates

5 years
10 years
Custom range...

Species

Humans
Other Animals

[Clear all](#)

[Show additional filters](#)

Summary ▾ 20 per page ▾ Sort by Most Recent ▾

Send to: ▾ Filters: [Manage Filters](#)

Search results

Items: 1 to 20 of 501

<< First < Prev Page 1 of 26 Next > Last >>

- [Antiretroviral Treatment Is Associated With Iron Deficiency in HIV-Infected Malawian Women That Is Mitigated With Supplementation, but Is Not Associated With Infant Iron Deficiency During 24 Weeks of Exclusive Breastfeeding.](#)

Widen EM, Bentley ME, Chasela CS, Kayira D, Flax VL, Kourtis AP, Ellington SR, Kacheche Z, Tegha G, Jamieson DJ, van der Horst CM, Allen LH, Shahab-Ferdows S, Adair LS; BAN Study Team.

J Acquir Immune Defic Syndr. 2015 Jul 1;69(3):319-28. doi: 10.1097/QAI.0000000000000588. Erratum in: J Acquir Immune Defic Syndr. 2015 Aug 15;69(5):e184.

PMID: 25723140

[Similar articles](#)

- [Lessons learned from early implementation of option B+: the Elizabeth Glaser](#)
2. [Foundation experience in 11 African countries.](#)

Kieffer MP, Mattingly M, Giphart A, van de Ven R, Chouraya C, Walakira M, Simonds RJ; EGPAF Technical Directors Forum.

J Acquir Immune Defic Syndr. 2014 Dec 1;67 Suppl 4:S188-94. doi: 10.1097/QAI.0000000000000000.

PMID: 25436817 **Free PMC Article**

[Similar articles](#)

- [Efficacy and safety of lopinavir/ritonavir versus efavirenz-based antiretroviral therapy in pregnant Ugandan women.](#)

Caban D, Mutumba B, Koss CA, Blant A, Luwinda F, Musigwa J, Adoo

New feature

Results by year



Search details

```
("anti-hiv agents"  
[Pharmacological Action]  
OR "anti-hiv agents"[MeSH  
Terms] OR ("anti-hiv"[All  
Fields] AND "agents"[All  
Fields]) OR "anti-hiv
```

Search

→ See more...

PubMed Search Details (cont.)

Query Translation:

```
("anti-hiv agents"[Pharmacological Action] OR "anti-hiv agents"[MeSH Terms] OR ("anti-hiv"[All Fields] AND "agents"[All Fields]) OR "anti-hiv agents"[All Fields] OR ("aids"[All Fields] AND "drugs"[All Fields]) OR "aids drugs"[All Fields])

AND

("breast feeding"[MeSH Terms] OR ("breast"[All Fields] AND "feeding"[All Fields]) OR "breast feeding"[All Fields])
```

See the difference:

"aids drugs" AND "breast feeding" = 3

aids drugs breast feeding
(processed using ATM) = 501

PubMed Quiz

Which is the best PubMed search (according to NLM)?

- a) "mouth cancer" tobacco men
- b) "mouth cancer" AND tobacco AND men
- c) mouth cancer tobacco men

Full Text in PubMed

PubMed.gov
US National Library of Medicine
National Institutes of Health

PubMed

[RSS](#) [Save search](#) [Advanced](#)

[Show additional filters](#) **Display Settings:** Summary, 20 per page, Sorted by Recently Added

[Clear all](#)

Article types
Clinical Trial
Review
Systematic Reviews
More ...

Text availability
Abstract
Free full text
 Full text

Publication dates
5 years
10 years
Custom range...

Results: 1 to 20 of 1896 << First < Prev Page 1 of 95

Filters activated: Full text. [Clear all](#) to show 2937 items.

[Colorectal cancer manifesting with metastasis to prolactinoma: a case involving symptoms mimicking pituitary apoplexy.](#)

1. [Colorectal cancer manifesting with metastasis to prolactinoma: a case involving symptoms mimicking pituitary apoplexy.](#)
Thewjitcharoen Y, Shuangshoti S, Lerdlum S, Siwanuwatn R, Sunthornkiet S. Intern Med. 2014;53(17):1965-9. Epub 2014 Sep 1.

2. [Cervical vertebrae: pronounced responsiveness to denosumab...](#)

Publishers

Vendors (via libraries)

Free Full Text in PubMed

The image shows a screenshot of the PubMed website search results for the term "prolactinoma". The search results are displayed on page 1 of 24. The search settings are set to "Summary, 20 per page, Sorted by Recently Added". The results show 1 to 20 of 473 items. A filter is activated: "Free full text", which shows 2937 items. A red arrow points from the "Free full text" option in the left sidebar to the "Free Article" label in the search results. Three purple callout boxes are overlaid on the right side of the image, pointing to the "Free full text", "Publishers", and "Other archives and access projects" options in the sidebar.

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RSS Save search Advanced

Show additional filters **Display Settings:** Summary, 20 per page, Sorted by Recently Added

Clear all

Article types
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Review
Systematic Reviews
More ...

Text availability Abstract
 Free full text
 Full text

Publication dates
5 years
10 years
Custom range...

Results: 1 to 20 of 473 << First < Prev Page 1 of 24

Filters activated: Free full text. Clear all to show 2937 items.

Colorectal cancer manifesting with metastasis to prolactinoma: re

PubMed Central: 2.7 million articles

Publishers

Other archives and access projects

Facilitator of Full-Text Availability: The NIH Public Access Policy

- Published results of research supported by NIH must be available to the public (as of April 7, 2008)
- Final, peer-reviewed (journal article) manuscripts accepted for publication




PubMed Help and Training

NCBI Resources ▾ How To ▾ docepeabody My NCBI Sign Out


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million citations for E, life science journals, include links to full-text publisher web sites.

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Featured comment - Aug 30
More than skin deep? J Eisen (@phylogenomics) links discussion on distribution of common fungi in skin #microbiome. 1.usa.gov/1wLht1S

More Resources

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the Public Health Workforce

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

NIH Scientists Draw Evidence-Based Blue Prevention - 01-DEC-2015

Male and Female Drinking Patterns Becoming More Alike in the U.S. - 01-DEC-2015

Nearly Half of States Score 5 or Lower Out of 10 on Substance Misuse Prevention Report Card - 01-DEC-2015

NACCHO Launches Fracking Project with Associated Webpage and Resources - 01-DEC-2015

10 Percent of US Adults Have Drug Use Disorder at Some Point in Their Lives - 01-DEC-2015

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- One-stop portal for public health information
- Components include:
 - Current news
 - PH topic pages
 - Data, tools & statistics
 - Reports, guidelines and more!
- Updated daily
- Quality guidelines with strict selection criteria

Healthy People 2020

[HP2020 LHI SEQ Home](#) | [HP2020](#)

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.

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HP20/20 Objective

Dementias, Including Alzheimer's Disease

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Click the  button to run the search in PubMed.



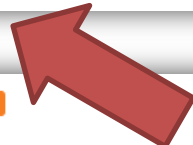
DIA-1 (Developmental) Increase the proportion of persons with diagnosed Alzheimer's disease and other dementias, or their caregiver, who are aware of the diagnosis ([Objective DIA-1](#))



DIA-2 (Developmental) Reduce the proportion of preventable hospitalizations in persons with diagnosed Alzheimer's disease and other dementias (Developmental) Reduce the proportion of preventable hospitalizations in persons with diagnosed Alzheimer's disease and other dementias ([Objective DIA-2](#))

DIA-2 Reduce the proportion of preventable hospitalizations in adults aged 65 years and older with diagnosed Alzheimer's disease and other dementias

Revised



Baseline: 25.3 percent of adults aged 65 or older with a dementia diagnosis had a preventable hospitalization in 2006–08

Target: 22.8 percent

Target-Setting Method: 10 percent improvement

Data Sources: Medicare Administrative Data, CMS

Data:  [HP2020 data for this objective](#)



Spotlight on Disparities:

- [Disparities by sex](#)
- [Disparities by race and ethnicity](#)
- [Disparities by education](#)



[Details about the methodology and measurement of this HP2020 objective](#)


Revision History: This objective was revised. Read more about the [revision history](#).



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Structured Query Search

Dementias, Including Alzheimer's Disease

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Click the  button to run the search in PubMed.

-  DIA-1 (Developmental) Increase the proportion of persons with diagnosed Alzheimer's disease and other dementias, or their caregiver, who are aware of the diagnosis ([Objective DIA-1](#))
-  DIA-2 (Developmental) Reduce the proportion of preventable hospitalizations in persons with diagnosed Alzheimer's disease and other dementias (Developmental) Reduce the proportion of preventable hospitalizations in persons with diagnosed Alzheimer's disease and other dementias ([Objective DIA-2](#))



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US National Library of Medicine
National Institutes of Health

PubMed

(((Alzheimer Disease[Majr] OR Dementia[Majr] OR Delirium, Dementia, Amnestic, Cognitive Diso

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Search results

Items: 1 to 20 of 240

<< First < Prev Page 1 of 12 Next > Last >>

[Use and cost of hospitalization in dementia: longitudinal results from a community-based study.](#)

1. Zhu CW, Cosentino S, Ornstein K, Gu Y, Andrews H, Stern Y.
Int J Geriatr Psychiatry. 2015 Aug;30(8):833-41. doi: 10.1002/gps.4222. Epub 2014 Oct 29.
PMID: 25351909 [Free PMC Article](#)
[Similar articles](#)

[Risk of a Diagnosis of Dementia for Elderly Medicare Beneficiaries after Intensive Care.](#)

2. Guerra C, Hua M, Wunsch H.
Anesthesiology. 2015 Nov;123(5):1105-12. doi: 10.1097/ALN.0000000000000821.
PMID: 26270938
[Similar articles](#)

[Cognitive dysfunction mediates the effects of poor physical fitness on decreased functional independence in heart failure.](#)

Alosco ML, Spitznagel MB, Sweet LH, Josephson R, Hughes J, Gunstad J.
Geriatr Gerontol Int. 2015 Feb;15(2):174-81. doi: 10.1111/ggi.12245. Epub 2014 Feb 18.

New feature

Results currently sorted by Relevance -
[Sort by Recently Added](#)

Find related data

Database:

[Find items](#)

Search details

```
(((("alzheimer disease"[MeSH Major Topic] OR "dementia"[MeSH Major Topic] OR "neurocognitive disorders"[MeSH Major Topic] OR "cognition disorders"[MeSH Major Topic] OR
```

[Search](#)

[See more...](#)

Structured Query Search Details

Query Translation:

```
((("alzheimer disease"[MeSH Major Topic] OR "dementia"[MeSH Major Topic] OR "neurocognitive disorders"[MeSH Major Topic] OR "cognition disorders"[MeSH Major Topic] OR "mental disorders"[MeSH Terms]) AND ("complications"[Subheading] OR "diagnosis"[Subheading] OR "diet therapy"[Subheading] OR "drug therapy"[Subheading] OR "economics"[Subheading] OR "epidemiology"[Subheading] OR "etiology"[Subheading] OR "immunology"[Subheading] OR "microbiology"[Subheading] OR "mortality"[Subheading] OR "prevention and control"[Subheading] OR "rehabilitation"[Subheading] OR "therapy"[Subheading])) AND (("length of stay"[MeSH Major Topic] OR "nursing homes"[MeSH Major Topic] OR "day care, medical"[MeSH Major Topic] OR "institutionalization"[MeSH Major Topic] OR "hospitalization"[MeSH Major Topic] OR "primary prevention"[MeSH Terms] AND "medicare"[MeSH Terms] OR "health services misuse"[MeSH Major Topic] OR "primary health care"[MeSH Major Topic] OR "drug utilization"[MeSH Major Topic] OR "activities of daily living"[MeSH Major Topic]) AND ("economics"[Subheading] OR "legislation and jurisprudence"[Subheading] OR "standards"[Subheading] OR "statistics and numerical data"[Subheading] OR "trends"[Subheading] OR "education"[Subheading] OR "manpower"[Subheading] OR "organization and administration"[Subheading] OR "methods"[Subheading] OR "prevention and control"[Subheading] OR "classification"[Subheading])) AND ("comorbidity"[MeSH Terms] OR "epidemiologic factors"[MeSH Terms] OR "diabetes mellitus"[MeSH Terms] OR "pulmonary disease, chronic obstructive"[MeSH Terms] OR "asthma"[MeSH Terms] OR "pneumonia"[MeSH Terms] OR "dehydration"[MeSH Terms] OR "polypharmacy"[MeSH Terms] OR "urinary tract infections"[MeSH Terms] OR "angina pectoris"[MeSH Terms] OR "heart failure"[MeSH Terms])) OR ("neurocognitive disorders"[MeSH Terms] AND ("institutionalization"[MeSH Terms] OR "hospitalization"[MeSH Terms] OR "day care, medical"[MeSH Terms]) AND "epidemiologic factors"[MeSH Terms] AND ("preventive health services"[MeSH Terms] OR "public health practice"[MeSH Terms] OR "preventive psychiatry"[MeSH Terms] OR "preventive medicine"[MeSH Terms])) AND ("united states/epidemiology"[MeSH Terms] OR "united states/ethnology"[MeSH Terms] OR "united states/history"[MeSH Terms] OR USA[All Fields]) AND "humans"[MeSH Terms] AND English[lang] AND ("aged"[MeSH Terms] OR "aged, 80 and over"[MeSH Terms]) AND "2006/04/23"[PDat]: "2016/04/19"[PDat]) OR 21217558[UID] NOT 19671904[UID]
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Result:

[240](#)

Health Statistics

The screenshot shows the top navigation bar of the U.S. National Library of Medicine website. It includes the NLM logo, the text 'U.S. National Library of Medicine National Institutes of Health', and a search bar. Below the navigation bar is a yellow banner for the 'National Information Center on Health Services Research and Health Care Technology (NICHSR)'. The main content area features a sidebar with a table of contents: 'INTRODUCTION', 'ABOUT HEALTH STATISTICS', 'FINDING HEALTH STATISTICS', and 'SUPPORTING MATERIAL'. The 'FINDING HEALTH STATISTICS' section is highlighted. The main content area is titled 'Finding and Using Health Statistics' and contains three paragraphs of introductory text. Below the text are two columns: 'Parts of the Course' and 'Supporting Material'. The 'Parts of the Course' column lists 'About Health Statistics' and 'Finding Health Statistics'. The 'Supporting Material' column lists 'A Glossary', 'Examples of webpages where you can find health statistics', and 'Exercises'. A 'Start Here' button is located at the bottom of the 'Parts of the Course' column.

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

Contact NLM

Search

The World's Largest Medical Library

Databases Find, Read, Learn Explore NLM Research at NLM NLM for You

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

NICHSR Home | About Us | Contact Us

Home > Health Services Research & Public Health > NICHSR

INTRODUCTION

ABOUT HEALTH STATISTICS

FINDING HEALTH STATISTICS

SUPPORTING MATERIAL

SITE MAP

Finding and Using Health Statistics

Health Statistics provide information for understanding, monitoring, improving and planning the use of resources to improve the lives of people, provide services and promote their well being.

This course describes the range of available health statistics, identifies their sources and helps you understand how to use information about their structure as you search.

This course links to numerous examples. Each example opens in a separate page of your browser. To return to the course close the new window -- the course window remains open and you can proceed.

Parts of the Course

The course is divided into 2 main parts

- ▶ [About Health Statistics](#) - which describes these sources and explores how they are created and
- ▶ [Finding Health Statistics](#) - which presents strategies you can use to successfully search for the material

Supporting Material

The course also contains supporting material including:

- ▶ [A Glossary](#)
- ▶ [Examples of webpages where you can find health statistics](#)
- ▶ [Exercises](#)

[Start Here ▶](#)

National Information Center on Health Services
Research and Health Care Technology

<http://www.nlm.nih.gov/nichsr/usestats/index.htm>

TOXNET



TOXNET TOXICOLOGY
DATA NETWORK

[Mobile](#) | [Help](#) | [FAQs](#) | [TOXNET Fact Sheet](#) | [Training Manual & Schedule](#)



Welcome to TOXNET

Your resource for searching databases on toxicology, hazardous chemicals, environmental health, and toxic releases



SEARCH TOXNET Search all or select specific databases

BROWSE

ADVANCED SEARCH

e.g. benzene, endocrine disruptor

ALL DATABASES ▾

Search

TOXNET Databases

MOST VISITED BY TOXNET USERS

HSDB

Hazardous Substances Data Bank. Peer-reviewed toxicology data for over 5,000 hazardous chemicals

TOXLINE

4 million references to literature on biochemical, pharmacological, physiological, and toxicological effects of drugs and other chemicals

ChemIDplus

Dictionary of over 400,000 chemicals (names, synonyms, and structures)

BREASTFEEDING & DRUGS

LactMed

Drugs and Lactation Database. Drugs and other chemicals to which breastfeeding mothers may be exposed

DEVELOPMENTAL TOXICOLOGY LITERATURE

DART

Developmental and Reproductive Toxicology Database. References to developmental and reproductive toxicology literature



Environmental Health & Toxicology

Resources on environmental health and toxicology

[Visit Site](#)

Did you know



There is a guide to choosing a database

[Which Resource Should I Use](#) can help you pick the right resource for your search.

[More FAQs](#)

Includes:

- Specific chemicals, mixtures, and products
- Chemical nomenclature
- Unknown chemicals
- Special toxic effects of chemicals in humans and/or animals
- Citations from the scientific literature.

TOXNET Databases

MOST VISITED BY TOXNET USERS

[HSDB](#)

Hazardous Substances Data Bank. Peer-reviewed toxicology data for over 5,000 hazardous chemicals

[TOXLINE](#)

4 million references to literature on biochemical, pharmacological, physiological, and toxicological effects of drugs and other chemicals

[ChemIDplus](#)

Dictionary of over 400,000 chemicals (names, synonyms, and structures)

BREASTFEEDING & DRUGS

[LactMed](#)

Drugs and Lactation Database. Drugs and other chemicals to which breastfeeding mothers may be exposed

DEVELOPMENTAL TOXICOLOGY LITERATURE

[DART](#)

Developmental and Reproductive Toxicology Database. References to developmental and reproductive toxicology literature

CHEMICAL RELEASES & MAPPING

[TOXMAP](#)

TOXMAP: Environmental Health Maps provides searchable, interactive maps of EPA TRI and Superfund data, plus US Census and NCI health data

[TRI](#)

Toxics Release Inventory. Annual environmental releases of over 600 toxic chemicals by U.S. facilities

GENOMICS

[CTD](#)

Comparative Toxicogenomics Database. Access to scientific data describing relationships between chemicals, genes and human diseases

HOUSEHOLD PRODUCT SAFETY

[Household Products Database](#)

Potential health effects of chemicals in more than 10,000 common household products

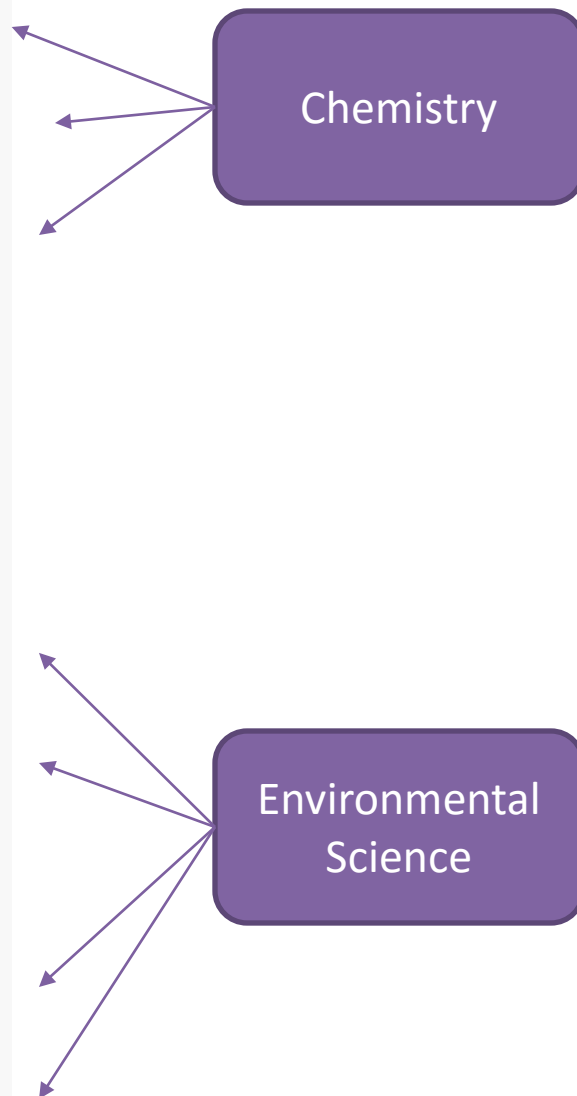
OCCUPATIONAL EXPOSURE TO CHEMICALS

[Haz-Map](#)

Links jobs and hazardous tasks with occupational diseases and their symptoms

Chemistry

Environmental Science



NLM Exhibition Program

The screenshot shows the NLM Exhibition Program website. At the top, the NIH logo and "U.S. National Library of Medicine" are displayed. A search bar is in the top right. Below the header, there are navigation tabs for "Databases", "Find, Read, Learn", "Explore NLM", "Research at NLM", and "NLM for You". A "Contact NLM" link with social media icons is also present. The main content area features a large orange banner with the text "EXHIBITION PROGRAM" and a purple box containing the URL <https://www.nlm.nih.gov/hmd/about/exhibition/index.html>. Below this, the text "enjoy history? learn something new" is displayed. A search bar with the placeholder "search exhibitions: explore, discover, enjoy!" is provided. Four featured exhibition cards are shown: "explore our exhibitions" with a historical manuscript, "book a traveling exhibition" with a group of women in blue dresses, "find an educational resource" with a woman reading, and "curious? take a look" with a red cross on a medical bag. At the bottom, an orange banner contains the text: "The Exhibition Program creates lively and informative exhibitions and educational resources that enhance awareness of and appreciation for the collections of the National Library of Medicine. Explore. Discover. Enjoy."

NIH U.S. National Library of Medicine

Search

Databases Find, Read, Learn Explore NLM Research at NLM NLM for You Contact NLM

History of Medicine History Home | About Us | Visit Us | Contact Us | Copyright | Site Map

Home > History Home > About Us > Exhibition Program

EXHIBITION PROGRAM

ABOUT US EXHIBITIONS BOOK A TRAVELING EXHIBITION EDUCATION CONTACT US SITE MAP SEARCH

<https://www.nlm.nih.gov/hmd/about/exhibition/index.html>

enjoy history?
learn something new

search exhibitions: explore, discover, enjoy!

explore our exhibitions

book a traveling exhibition

find an educational resource

curious? take a look

The Exhibition Program creates lively and informative exhibitions and educational resources that enhance awareness of and appreciation for the collections of the National Library of Medicine. Explore. Discover. Enjoy.

Online Exhibition Resources

EXHIBITION PROGRAM

[ABOUT US](#) [EXHIBITIONS](#) [BOOK A TRAVELING EXHIBITION](#) [EDUCATION](#) [CONTACT US](#) [SITE MAP](#)

SEARCH

EDUCATION SERVICES: Online Resources



[? view education faqs](#)

FIND RESOURCES BY: [ALL](#) [LEVELS](#) [TYPES](#)

[ELEMENTARY](#) [MIDDLE SCHOOL](#) [HIGH SCHOOL](#) [HIGHER EDUCATION](#)

literature



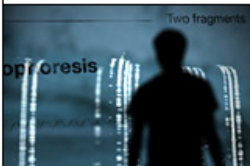
CHANGING EXPLANATIONS IN MIND-BODY MEDICINE

AUTHOR: Theodore M. Brown, PhD



"AND THERE'S THE HUMOR OF IT": Shakespeare and the Four Humors

TYPE: Curator's Bibliography



VISIBLE PROOFS: Forensic Views of the Body

TYPE: Online Resources

[view more](#)



[view all](#)

history & social studies



RECONSTRUCTING STATE AND SOLDIER: Disability and the American Civil War

AUTHOR: Susan-Mary Grant, PhD



THE ORDEAL OF WAR

AUTHOR: Peter Carmichael, PhD



LIFE AND LIMB: The Toll of the American Civil War

AUTHOR: Manon Parry, Ph.D.

[view more](#)



[view all](#)

health education



HEALING ELEMENTS: A Native Hawaiian Perspective

AUTHOR: Davianna Pomaika'i McGregor, PhD



LITERATURE OF PRESCRIPTION: Charlotte Perkins Gilman and "The Yellow Wall-Paper"

TYPE: Professional Organizations



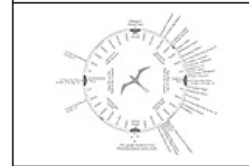
LITERATURE OF PRESCRIPTION: Charlotte Perkins Gilman and "The Yellow Wall-Paper"

[view more](#)



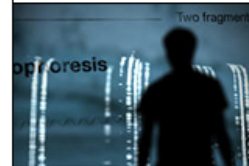
[view all](#)

science & technology



HAWAIIAN STAR COMPASS

TYPE: Interactive exercise



VISIBLE PROOFS: Forensic Views of the Body

TYPE: Radio Interviews



VISIBLE PROOFS: Forensic Views of the Body

TYPE: Online Resources

[view more](#)



[view all](#)

Online Activities

HOME | EXHIBITION | EDUCATION | DIGITAL GALLERY | CREDITS

TRAVELING INFO



**SURVIVING
& THRIVING**
AIDS, POLITICS, AND CULTURE

EDUCATION
Online Activities

Lesson Plans

Higher Education Modules

Online Activities

- [Advocating for Facts, Dispelling Rumors](#)
- [Fighting a Disease or People?](#)

Other Resources

Related Resources at NLM

ADVOCATING FOR FACTS, DISPELLING RUMORS

The Fighting Fear with Facts digital gallery presents four posters by different AIDS service organizations. In order to reach and educate public about using accurate information instead of rumors to prevent AIDS. Take a closer look at them under Group 1 and read their narratives, as you evaluate how each poster promotes accessing good health information as a first step in preventing HIV/AIDS. Also consider how and why the posters addressed the fear and social stigma of the disease.

GROUP 1

GROUP 2



1 of 4



"Fight the fear with the facts" circa 1986
Courtesy National Library of Medicine



In 1982, before the term AIDS existed, a group of four volunteers in Los Angeles set up an anonymous hotline to share what little information there was about preventing and recognizing the disease. What began with one phone and a single page of facts is now one of the largest AIDS service organizations in the country, offering support and information in more than a dozen languages to anyone seeking help.

Higher Education Modules

LESSON PLANS

HIGHER EDUCATION MODULES

ONLINE ACTIVITIES

OTHER RESOURCES

literature



CHANGING EXPLANATIONS IN MIND-BODY MEDICINE

AUTHOR: Theodore M. Brown, PhD



A MEDICINE OF THEIR OWN: The Stories of American Women Healers

AUTHOR: Sarah L. Berry, PhD

history & social studies



AMERICA'S MIND-ALTERING HISTORY

AUTHOR: Sarah W. Tracy, PhD



CHANGING EXPLANATIONS IN MIND-BODY MEDICINE

AUTHOR: Theodore M. Brown, PhD



DISSEMINATING HEALTH KNOWLEDGE: Public Health Campaigns in 20th-Century China

AUTHOR: Liping Bu, PhD

[view more](#)



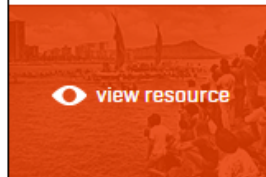
[view all](#)

health education



DISSEMINATING HEALTH KNOWLEDGE: Public Health Campaigns in 20th-Century China

AUTHOR: Liping Bu, PhD



HEALING ELEMENTS: A Native Hawaiian Perspective

AUTHOR: Davianna Pomaika'i McGregor, PhD



RACE, MEDICINE, AND HEALTH IN AMERICA

AUTHOR: Richard Mizelle Jr. PhD

science & technology



ENGINEERING THE GENES: Ethical Dilemmas in Modern Biotechnology

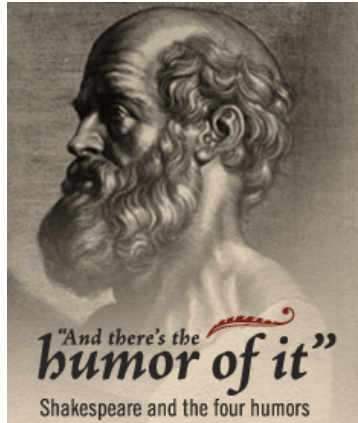
AUTHOR: Nadine Weidman, PhD



FOLLOWING FRANKENSTEIN: Mary Shelley, the Monster, and Medical Science

AUTHOR: Susan E. Lederer, PhD

Higher Education Modules



Exhibition

Education

Lesson Plans

Higher Education

Class 1

Class 2

Class 3

Class 4

Class 5

Class 6

About the Module

Projects

Additional Resources

Traveling Exhibition

Credits

Exhibition Program

Higher Education

The *Changing Explanations in Mind-Body Medicine* module provides teachers and students with the opportunity to discuss the implications of the exhibition "[And there's the humor of it](#)" *Shakespeare and the four humors* for our understanding of how practicing physicians and medical scientists have, over a considerable period of time, typically explained disease and the factors which cause it. Looking selectively at Western medicine over its long history and in the most basic terms, it focuses on the recurrent ways in which biological (body-based) and psychological (mind- or emotion-based) explanations have been used to account for diseases of both the body and mind, and it challenges the common assumption that biological explanations are always better.

The module consists of three units with two classes each. The first unit covers the period from Greek antiquity through the Medieval period (ca. 450 BCE to ca. 1450), the second the Early Modern period (ca. 1450 to ca. 1650), and the third the Modern period (ca. 1650 to the present). Each class includes an introduction, suggested primary and secondary source readings, and a set of discussion questions. Information about the module's author, suggested use, and academic objectives, is available online at [About the Module](#).

Unit 1. The Classical and Medieval Inheritance provides information about the medical knowledge and key ideas that Shakespeare and his contemporaries inherited from classical and medieval authorities. [Class 1](#) examines the biologically-focused foundational concepts and explanatory strategies of Western medicine first inscribed in the works of Hippocrates. [Class 2](#) explores Hippocrates' principal successor Galen among the late ancient medical writers, Galen's departures from Hippocrates' ideas on mind and body, and Avicenna's and Maimonides' continuation of Galen's approach among the medieval writers.

[Class 1: Hippocratic Foundations](#)

[Class 2: Late Ancient and Medieval Medical Views of Mind and Body](#)

Review

I hope you are now feel ready to:

- Provide instruction on a variety of **resources** suitable for students/faculty teaching health professions and science curricula.
- Know where to find appropriate **handouts and educational tools**

Any Questions?



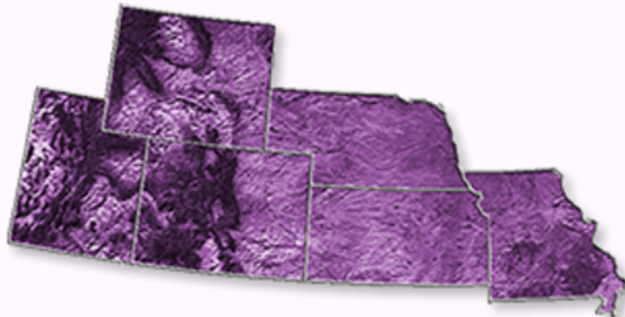
Join NN/LM

Consider joining for additional training opportunities and updates on health information resources.

Membership is free!

<http://nnlm.gov/mcr>

MidContinental Region



The Mission of the NN/LM is to advance the progress of medicine and improve public health through access to health information.

The NN/LM MidContinental Region serves the biomedical information needs and supports collaboration among over 300 member libraries and information centers in the states of [Colorado](#), [Kansas](#), [Missouri](#), [Nebraska](#), [Utah](#), and [Wyoming](#).

Acknowledgements and Funding

Many of these slides were used with permission from the NN/LM National Training Center.

This project has been funded in whole or in part with Federal funds from the Department of Health and Human Services, National Institutes of Health, National Library of Medicine, under Contract No. HHSN-276-2011-00006-C with the University of Utah