

Environmental Health Resources

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Wyoming Coordinator, NN/LM MCR



National Network of Libraries of Medicine
MidContinental Region

Colorado • Kansas • Missouri • Nebraska • Utah • Wyoming

Suspect Air Quality



Superfund Sites



Objectives

- Renew awareness of environmental factors affecting health
- Identify practical resources for finding environmental health information.
- Spark curiosity to investigate resources further.



Find Information About... ▶

Especially For ▶

Search TOXNET® Databases

Other Professional Resources ▶

Resources for the Public ▶

Enviro-Health Links ▶

Guides & Tutorials ▶

Quick Tours ▶

Search TOXNET Databases

- ▶ ChemIDplus®
- ▶ CCRIS
- ▶ CPDB
- ▶ CTD
- ▶ DART®
- ▶ GENE-TOX
- ▶ Haz-Map®
- ▶ Household Products Database
- ▶ HSDB®
- ▶ IRIS
- ▶ ITER
- ▶ LactMed
- ▶ TOXLINE®
- ▶ TOXMAP®
- ▶ TRI

[Which Resource Should I Use? ▶](#)

Search TOXNET

TOXNET - Collection of databases on hazardous chemicals, toxic releases, and environmental health

(e.g. mercury, asbestos)

In the Spotlight

- ▶ [TOXNET Training Schedule and Workbook](#)
- ▶ [Chemical Hazards Emergency Medical Management \(CHEMM\)](#)
- ▶ [LactMed App](#)
- ▶ [Developing and Using Medicines for Children](#)
- ▶ [Which Resource Should I Use?](#)

Search Our Web Site

Search

(e.g. climate change)

A to Z Index of Resources

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

About TEHIP

- ▶ Toxicology & Environmental Health Information Program
- ▶ [Which Resource Should I Use?](#)

For Information About...



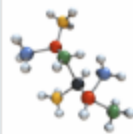
Haz-Map

Links jobs and hazardous tasks with occupational diseases and their symptoms



International Toxicity Estimates for Risk (ITER)

Risk information for over 600 chemicals from authoritative groups worldwide



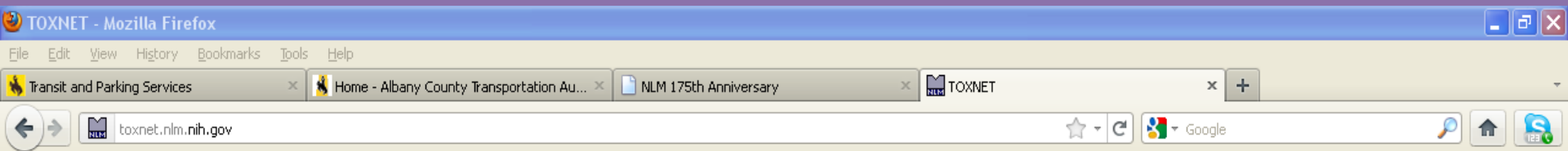
ChemIDplus

Dictionary of more than 380,000 chemicals (names, synonyms, and structures)

Stay Connected

- ✉ [Join the Listserv](#)
- 📡 [Subscribe to RSS](#)
- 🐦 [Follow us on Twitter](#)
- 📌 [Bookmark and share](#)

TOXNET



TOXNET Toxicology Data Network



TOXNET Mobile Access

[SIS Home](#) | [About Us](#) | [Site Map & Search](#) | [Contact Us](#)

► [Env. Health & Toxicology](#) ► [TOXNET](#)

TOXNET - Databases on toxicology, hazardous chemicals, environmental health, and toxic releases.

Select Database

- [ChemIDplus](#)
- [HSDB](#)
- [TOXLINE](#)
- [CCRIS](#)
- [DART](#)
- [GENETOX](#)
- [IRIS](#)
- [ITER](#)
- [LactMed](#)
- [Multi-Database](#)
- [TRI](#)
- [Haz-Map](#)
- [Household Products](#)
- [TOXMAP](#)

Search All Databases

Enter term(s) to search all databases.

(e.g. asthma air pollution, ibuprofen fever, vinyl chloride)

TOXNET Search Options

- Search all databases: Enter term(s) in box above
- Search a specific database: Click database at left
- Database description: Click on the

Env. Health & Toxicology



Portal to
environmental
health and
toxicology
resources

[VISIT SITE](#)

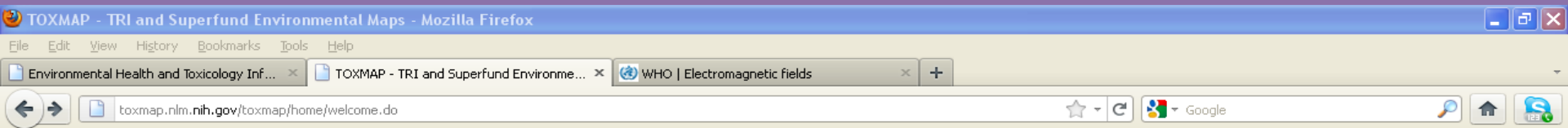
Support Pages


- [Help](#)
- [TOXNET FAQ](#)
- [TOXNET Update Status](#)
- [Fact Sheet](#)
- [Database Description](#)
- [Training Manual & Schedule](#)
- [News](#)

Additional Resource

- [CPDB](#)
- [CTD](#)

TOXMAP





TOXMAP®

Environmental Health e-Maps

[Home](#) [TRI Facilities](#) [TRI Releases](#) [TRI Trends](#) [Superfund](#) [Combo](#) [Search](#) [Help](#) [Contact Us](#)

[Welcome](#) [News](#) [Accessibility](#) [Fact Sheet](#) [For Teachers](#) [Tour](#) [About](#) [Site Map](#)

Quick Search

Select Dataset(s):
 TRI Superfund NPL

Chemical Name

City


State ZIP [Lookup]
-


Choose a region...
[More search options...](#)

Search TOXNET® TRI!

[What is TOXMAP?](#)
[What is the Toxics Release Inventory \(TRI\)?](#)
[What is the "Superfund" Program?](#)
[more...](#)

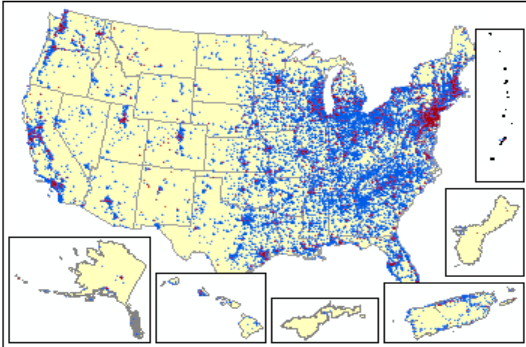
[Does TOXMAP show all sources of toxic chemicals released into or present in the environment?](#)
[What data sources does TOXMAP use?](#)
[What are some tips for reading maps critically?](#)

**Portal to environmental health and toxicology resources**
[VISIT SITE](#)


 This site complies with the [HONcode standard for trustworthy health information](#) ([verify here](#)).

TOXMAP® Environmental Health e-Maps

Use Quick Search or click on a map to explore on-site toxic chemical releases and hazardous waste sites from the EPA's [Toxics Release Inventory \(TRI\)](#) and the [Superfund National Priorities List \(NPL\)](#).




TRI facilities (blue) and Superfund NPL sites (red).



Coming Soon: A New Look for TOXMAP

- TOXMAP now includes 2009 TRI data
- [Try the TOXMAP Widget](#)

 [Subscribe to TOXMAP news feed](#)

Environmental News from EPA:

Related Biomedical References from PubMed®:

- [The relationship between toxics release inventory discharges and mortality rates in rural and urban areas of the United States.](#)
- [Environmental carcinogen releases and lung cancer mortality in rural-urban areas of the United States.](#)

[More references](#) from PubMed...

Questions

Using “Quick Search” windows (left hand sidebar) search state of Texas. Answer these questions:

- 1) How many TRI facilities are in the state?
- 2) How many Superfund sites are in the state?

Hint: Map details

Question

Search on “benzene”

- 1) How many on-site TRI releases were reported nationwide, in 2009, with this contaminant?
- 2) How many are found in Colorado?

Haz-Map

Haz-Map: Occupational Exposure to Hazardous Agents - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Haz-Map: Occupational Exposure to Hazard...

hazmap.nlm.nih.gov

Google



Search

as



Agent



Disease



Job



Text Search

[Haz-Map Search](#)

[More Searches](#)

[Haz-Map Help](#)

[Glossary](#)

[References](#)

Browse Haz-Map

- **Hazardous Agents**

1. [By Types of Agents](#)
2. [By Adverse Effects](#)
3. [Alphabetically](#)

- **Occupational Diseases**

1. [By Types of Diseases](#)
2. [By Jobs and Symptoms](#)
3. [Alphabetically](#)

- **High Risk Jobs**

1. [By Types of Jobs](#)
2. [Alphabetically](#)

[Haz-Map](#): Information on Hazardous Chemicals and Occupational Diseases

by

[Jay A. Brown, M.D., M.P.H.](#)

[Haz-Map Fact Sheet](#) | [List of All Topics](#)

[Specialized Information Services](#) [U.S. National Library of Medicine](#),

8600 Rockville Pike, Bethesda, MD 20894

National Institutes of Health

Questions

What chemical can cause contact urticaria in bakers?

Question

Name one industrial process where there may be a risk of exposure from cerium.

Household Products Db

Household Products Database - Health and Safety Information on Household Products - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Household Products Database - Health and ... +

hpdm.nlm.nih.gov

www.hhs.gov

U.S. Department of Health & Human Services

Household Products Database
Health & Safety Information on Household Products

National Institutes of Health
National Library of Medicine
Specialized Information Services NLM

Home Products Manufacturers Ingredients Health Effects

Quick Search

Go

Product, Manufacturer etc...

Advanced Search >

Browse by Category

- Auto Products
- Inside the Home
- Pesticides
- Landscape/Yard
- Personal Care
- Home Maintenance
- Arts & Crafts
- Pet Care
- Home Office

Browse A-Z

- Product Names
- Types of Products
- Manufacturers
- Ingredients

Support

- About the Database
- FAQ
- Product Recalls
- Help
- Glossary
- Contact Us
- More Resources

What's under your kitchen sink, in your garage, in your bathroom, and on the shelves in your laundry room? Learn more about what's in these products, about potential health effects, and about safety and handling.

 Auto Products Brake Fluid, De-icer, Lubricant, Sealant, and more...	 Inside the Home Air Freshener, Bleach, Cleaners, Toilet Bowl Cleaner, and more...	 Pesticides Animal Repellant, Fungicide, Herbicide, Insecticide, and more...
 Landscape/Yard Fertilizer, Lawn Care, Swimming Pool Products, and more...	 Personal Care Antiperspirant, Hair Spray, Makeup, Shampoo, Soap and more...	 Home Maintenance Caulk, Grout, Insulation, Paint, Putty, Stain, and more...
 Arts & Crafts Adhesive, Glaze, Glue, Primer, Varnish, and more...	 Pet Care Flea & Tick Control, Litter, Stain/Odor Remover, and more...	 Home Office Ink, Toner, Correction Fluid, Electronics Cleaners, Pens and more...

For advice if someone is poisoned, call your local Poison Center at  1-800-222-1222 .

[Home](#) | [Products](#) | [Manufacturers](#) | [Ingredients](#) | [Health Effects](#)

Question

Search for Castrol GTX High Mileage Motor Oil 10W30. What may be health effects from this product?

Question

What brand name is found on a product containing **Acrylamide** and how is the product used?

<http://toxmystery.nlm.nih.gov>

ToxMystery

By the National Library of Medicine

Español

Welcome to WHAT'S WRONG IN
THIS ROOM, a ToxMystery activity.
Enter the house by clicking on the
front door.



National Library of Medicine | Parent Resources | For Teachers | Getting Started

ToxMystery

- Designed for 7-10 year olds
- Available in Spanish and English
- Interactive
- Usability tested by kids, parents and educators
- Lesson plans for teachers
- Free!

Question

How many hazards are found in the kitchen?
Please identify them.

Question

- Teacher Resources Page
- 1) What's one of the lesson plan titles?
 - 2) What is one activity provided for children under the Activity Pages heading?



Tox Town

Environmental health concerns and toxic chemicals where you live, work, and play

- Home
- Text Version
- Neighborhoods
- Locations
- Chemicals
- A-Z Index
- A-Z Disasters
- For Teachers
- What's New
- Site Map
- Español



September is [National Preparedness Month](#).

- Go to the [A-Z Disaster](#) page to learn what you can do in an emergency.

Visit the [Wildfires](#) page to learn why they are a concern.

Visit the [Storms and Floods](#) page to learn about preparation and clean-up efforts after storms and hurricanes.

Tox Town

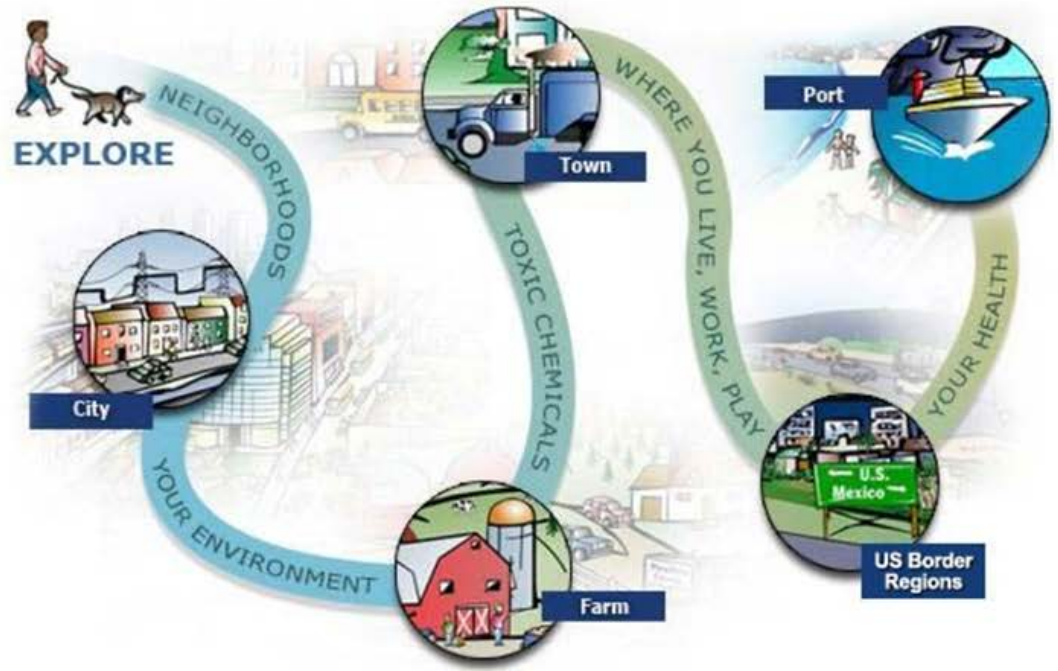
- Designed for kids older than elementary age
- Interactive
- Spanish and English
- Resources for teachers
- Search for toxins by place or by name



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Question

- Why are farm buildings a concern? What are some of the health effects for exposure in farm buildings?

Question

Scroll down the list under “Barn and Silo” and name some of the hazards associated with handling grain.



ENVIRONMENTAL HEALTH STUDENT PORTAL

Connecting Middle School Students to Environmental Health Information

TOPICS | FOR TEACHERS | HOMEWORK HELP | EXPERIMENTS | CAREERS |

SEARCH

NEWS

- TEXT SIZE +/-
- PRINT THIS PAGE
- E-MAIL US

What is Environmental Health?

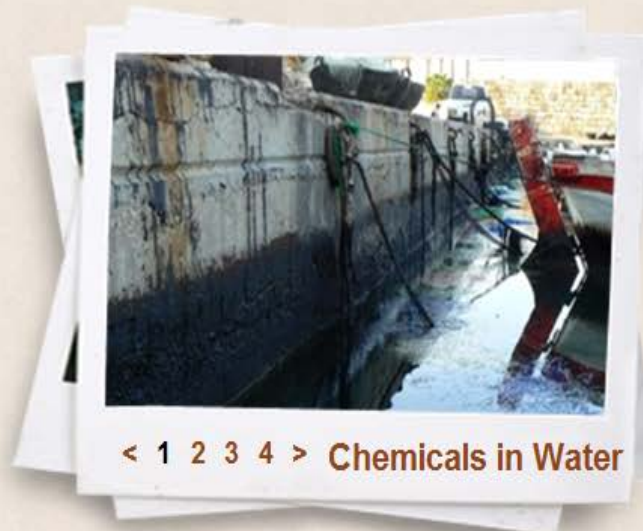
Environmental Health is the interrelationship between human health and the environment, either natural or manmade.

LEARN MORE



Air Pollution

Chemicals



< 1 2 3 4 > Chemicals in Water



EXPERIMENTS AND PROJECTS

Environmental Health Student Portal

- Designed for kids in grades 6-8
- Resources for teachers
- Reference materials for students

WISER

WISER Home - Mozilla Firefox


File Edit View History Bookmarks Tools Help

Environmental Health and Toxicology Inf... x WISER Home x +

wiser.nlm.nih.gov

Google

Wireless Information System for Emergency Responders



United States National Library of Medicine Specialized Information Services

Search SIS Site: Go

Home About News Download WebWISER Help Contact Us

Welcome to WISER

Wireless Information System for Emergency Responders

WISER is a system designed to assist first responders in hazardous material incidents. WISER provides a wide range of information on hazardous substances, including substance identification support, physical characteristics, human health information, and containment and suppression advice.

Latest News

New! As of 8/24/2011, version 1.0 of [WISER for Android](#) is available.

New! As of 3/8/2011, version [4.4 of WISER](#) is available.

Download

WISER is [available for download](#) as a standalone application on Microsoft Windows PCs, Apple iPhone and iPod Touch, Google Android devices, Windows Mobile devices, BlackBerry devices, Palm OS PDAs, and via [WebWISER](#).

Visit the [training page](#) to download materials that aid with training on the usage of WISER.

Explore [WISER for Android](#), our newest release, and [see what's new](#) in WISER 4.4.

WebWISER

When an Internet connection is available, use your web browser to access the same functionality of the standalone applications. [WebWISER](#) supports both PC- and PDA-based browsers, including **BlackBerry**, **iPhone**, and **Android** devices.

Join the E-mail List

Want to get notices of WISER updates and news? [Join the WISER E-mail List](#) to automatically receive important announcements about WISER.

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Hazmat-Related Resources at NLM

- Disaster Information Management Research Center
- Radiation Emergency Medical Management (REMM)
- TOXNET
- TOXMAP
- MedlinePlus offers trusted links to general health topics
 - Fire Safety
 - Disasters
 - Disaster Preparation and Recovery
 - Poisoning
 - and more...
- Household Products Database
- Tox Town
- Other Environmental Health Topics

Other Hazmat-Related Resources

- DOT ERG - (Department of Transportation - Emergency Response Guidebook)
- EPA Chemical Fact Sheets
- ATSDR ToxFAQs
- New Jersey Hazardous Substance Fact Sheets
- CHEMTREC

Copyright Privacy Accessibility

Question

Find the chemical “karsan” and answer these questions

- 1)** What’s another name for this chemical?
- 2)** What are the 2 main properties listed under key info.?
- 3)** What personal protective equipment (ppe) should be used?

MedlinePlus


Poisoning, Toxicology, Environmental Health: MedlinePlus - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Poisoning, Toxicology, Environmental Health... +

www.nlm.nih.gov/medlineplus/poisoningtoxicologyenvironmentalhealth.html

☆ ↻ Google

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Trusted Health Information for You

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NIH National Institutes of Health

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Search MedlinePlus **GO**

Health Topics **Drugs & Supplements** **Videos & Cool Tools** **ESPAÑOL**

Poisoning, Toxicology, Environmental Health

- [Air Pollution](#)
- [Arsenic](#)
- [Asbestos](#)
- Asbestosis see [Asbestos](#)
- [Biodefense and Bioterrorism](#)
- Biological Weapons see [Biodefense and Bioterrorism](#)
- Bioterrorism see [Biodefense and Bioterrorism](#)
- Campylobacter see [Foodborne Illness](#)
- [Carbon Monoxide Poisoning](#)
- Cell Phones see [Electromagnetic Fields](#)
- Cleaning Products see [Household Products](#)
- [Climate Change](#)
- CO Poisoning see [Carbon Monoxide Poisoning](#)
- [Drinking Water](#)
- [Electromagnetic Fields](#)
- EMF see [Electromagnetic Fields](#)
- [Environmental Health](#)
- Environmental Tobacco Smoke see [Secondhand Smoke](#)
- Food Poisoning see [Foodborne Illness](#)
- [Food Safety](#)
- [Foodborne Illness](#)
- Fungicides see [Pesticides](#)
- Germ Warfare see [Biodefense and Bioterrorism](#)
- Global Warming see [Climate Change](#)
- Gulf Oil Spill see [Oil Spills](#)

CDC <http://www.cdc.gov/environmental>

CDC | National Center for Environmental Health - Mozilla Firefox

File Edit View History Bookmarks Tools Help

MedlinePlus - Search Results for: environ... x CDC | National Center for Environmental ... x +

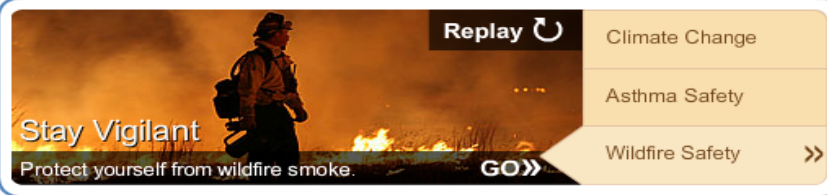
www.cdc.gov/nceh/

CDC Home
Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People. Saving Money through Prevention.

A-Z Index for All CDC Topics

National Center for Environmental Health

CDC's **National Center for Environmental Health (NCEH)** plans, directs, and coordinates a national program to maintain and improve the health of the American people by promoting a healthy environment and by preventing premature death and avoidable illness and disability caused by non-infectious, non-occupational environmental and related factors. We are especially committed to safeguarding the health of populations that are particularly vulnerable to certain environmental hazards - children, the elderly, and people with disabilities.




Replay

- Climate Change
- Asthma Safety
- Wildfire Safety >>

Text size: S M L XL

- Email page
- Print page
- Bookmark and share
- Get email updates



NCEH A-Z Index


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

Environmental Health Topics

Emergency and Environmental Health Services <ul style="list-style-type: none">Chemical Weapons EliminationEnvironmental Health ServicesHealthy HomesHealthy Places – Community DesignLead Poisoning PreventionVessel Sanitation	Environmental Hazards and Health Effects <ul style="list-style-type: none">Air Pollution and Respiratory HealthAsthmaCarbon MonoxideChronic Obstructive Pulmonary DiseaseClimate and Public HealthFEMA TrailersHealth StudiesNational Environmental Public Health Tracking NetworkRadiation Studies	Laboratory Sciences <ul style="list-style-type: none">BiomonitoringHuman Exposure to Environmental ChemicalsLaboratory Quality AssuranceNewborn Screening Laboratory BulletinNutritional IndicatorsResearch (e.g., Biomonitoring, Genetics, Laboratory Quality Assurance)
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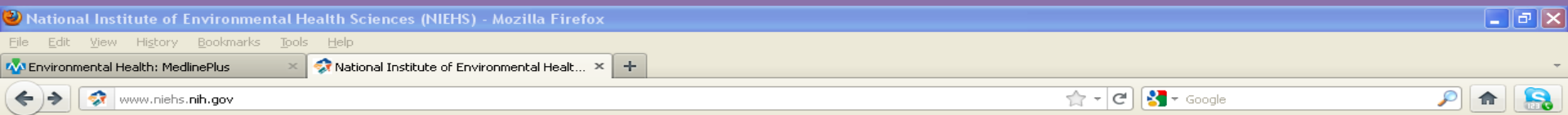
More >>

Blog: Your Health, Your Environment



Read the latest entry!

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- HEALTH & EDUCATION**
 - Brochures & Fact Sheets
 - Environmental Health Topics
 - Public Health Impacts
 - Science Education
 - Kids' Pages
- RESEARCH**
 - At NIEHS - Intramural
 - Funded by NIEHS - Extramural
 - Resources for Scientists
 - Clinical Research
 - National Toxicology Program
 - Research Topics
- FUNDING OPPORTUNITIES**
 - Contracts & Acquisitions
 - Grants
- CAREERS & TRAINING**
 - Jobs at NIEHS
 - Research Training
 - HazMat Safety & Training
- NEWS & EVENTS**
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 - Advisory Boards & Councils
 - Organizational Structure
 - For Congress
 - Visiting NIEHS
 - Community Involvement
 - Environmental Stewardship
 - Research Highlights

Your Environment. Your Health.

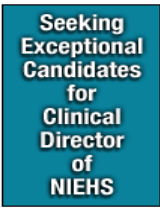
The mission of the NIEHS is to reduce the burden of human illness and disability by understanding how the environment influences the development and progression of human disease.

- ### News
- News Release: **Inefficient Developing World Stoves Contribute to 2 Million Deaths a Year** - October 13, 2011
Paper: **A Major Environmental Cause of Death** - October 14, 2011
 - Natural Processes Can Limit Spread of Arsenic in Water, Says Study** - October 10, 2011
 - NIH Launches Research Program to Explore Health Effects from Climate Change** - October 6, 2011

- ### Features
- New Strategic Plan: Moving Environmental Health Forward: Insights and Opportunities**
 - GuLF Study - A Health Study For Oil Spill Clean-up Workers and Volunteers**

- ### Events
- 25th Annual Research Festival** - Building 10 & Natcher Conference Center - October 24-28, 2011
 - 27th International Neurotoxicology Conference** - Research Triangle Park, NC - October 30-November 2, 2011
 - An Integrative Genomics Approach Towards Understanding, Diagnosis and Personalized Treatment of Autism Spectrum Disorders** - NIEHS Bldg. 101 Robell C - November 2, 2011

- ### New Grants
- Research Resources for the Environmental Health Sciences (RFI)(NOT-ES-12-001) - Comments Accepted Through December 1, 2011
 - NIH Director's Transformative Research Awards (R01)(RFA-RM-11-006) - Application Due Date: January 12, 2012
 - Superfund Hazardous Substance Research and Training Program (P42)(RFA-ES-12-003) - Application Due Date: April 10, 2012



U.S. National Library of Medicine



Environmental Health Resources

Environmental Health & Toxicology <http://sis.nlm.nih.gov/enviro.html>

Toxnet <http://toxnet.nlm.nih.gov>

TOXMAP <http://toxmap.nlm.nih.gov/toxmap/main/index.jsp>

Haz-Map <http://hazmap.nlm.nih.gov>

Household Products Database <http://hpd.nlm.nih.gov/index.htm>

ToxMystery <http://toxmystery.nlm.nih.gov>

Tox Town <http://toxtown.nlm.nih.gov>

Environmental Health Resources

CDC Environmental health portal <http://www.cdc.gov/environmental>

National Institute of Environmental Health Sciences <http://niehs.nih.gov>

Environmental Health Student Portal <http://kidsenvirohealth.nlm.nih.gov>

WISER <http://webwiser.nlm.nih.gov/getHomeData.do>

MedlinePlus

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

Contact

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jhonour@uwyo.edu 307-766-6537



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MidContinental Region

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