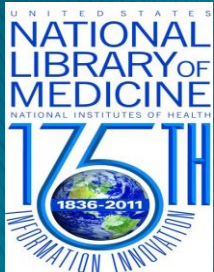


# Health Disparities, Outreach and NLM Resources Refresher

Healthy Neighborhood Networks  
Webinar

Tuesday, August 16, 2011



# *Lisa M. Boyd*

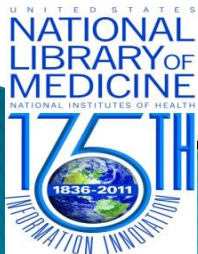
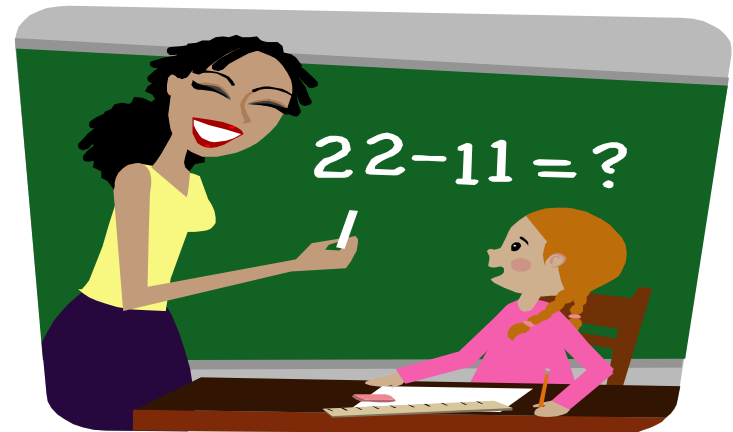


- ▶ Consumer Health Librarian
- ▶ NN/LM National Network Office (NNO)
- ▶ National Library of Medicine (NLM)
- ▶ National Institutes of Health (NIH)
- ▶ [boydl@mail.nlm.nih.gov](mailto:boydl@mail.nlm.nih.gov)

# Health Disparities, Outreach and NLM Resources Refresher

## ▶ Webinar will include:

- Discussion of “Health Disparities”
- NLM & NN/LM’s approach to eliminating health disparities through outreach
- Refresher on NLM & NN/LM resources
- Other government agencies & programs addressing health disparities
- Q & A

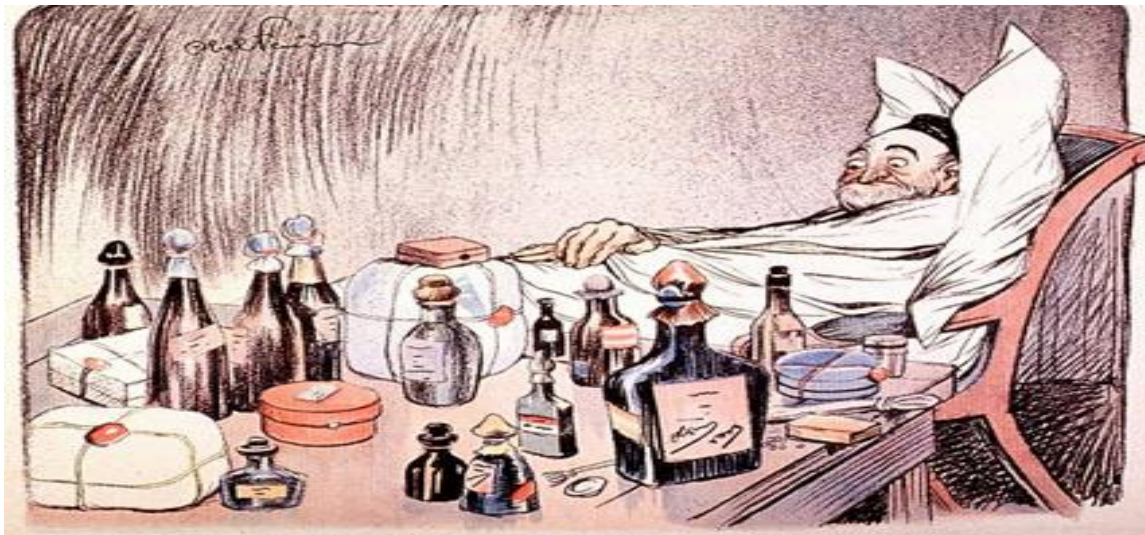


# What are Health Disparities?



# Health Disparities

- ▶ Differences
  - Health
  - Quality of health care
- ▶ Disease or Adverse health conditions
  - Incidence
  - Prevalence
  - Mortality





# Health Disparities

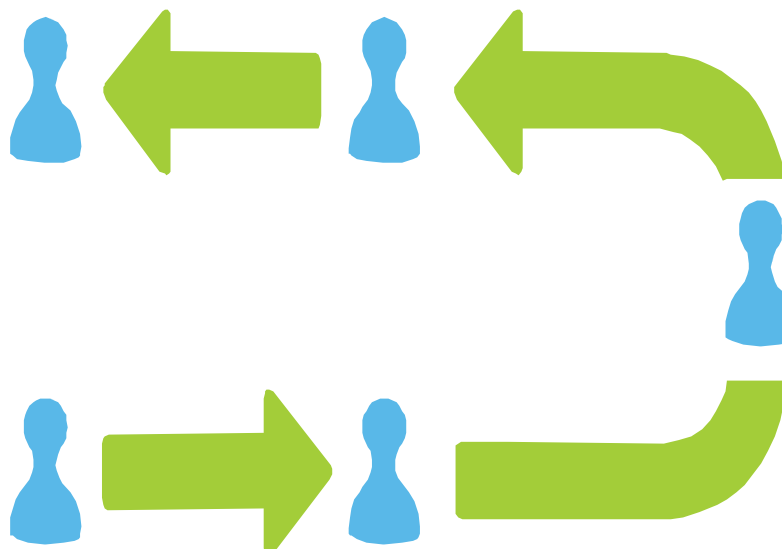
- ▶ Differences in population groups
  - Gender
  - Age
  - Ethnicity
  - Education
  - Income

- Social Class
- Disability
- Geographic Location
- Sexual Orientation



# Health Disparities

- ▶ Preventable differences
  - Unequal distribution – historical & current
    - Resources
      - Social
      - Political
      - Economic
      - Environmental



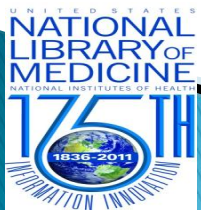
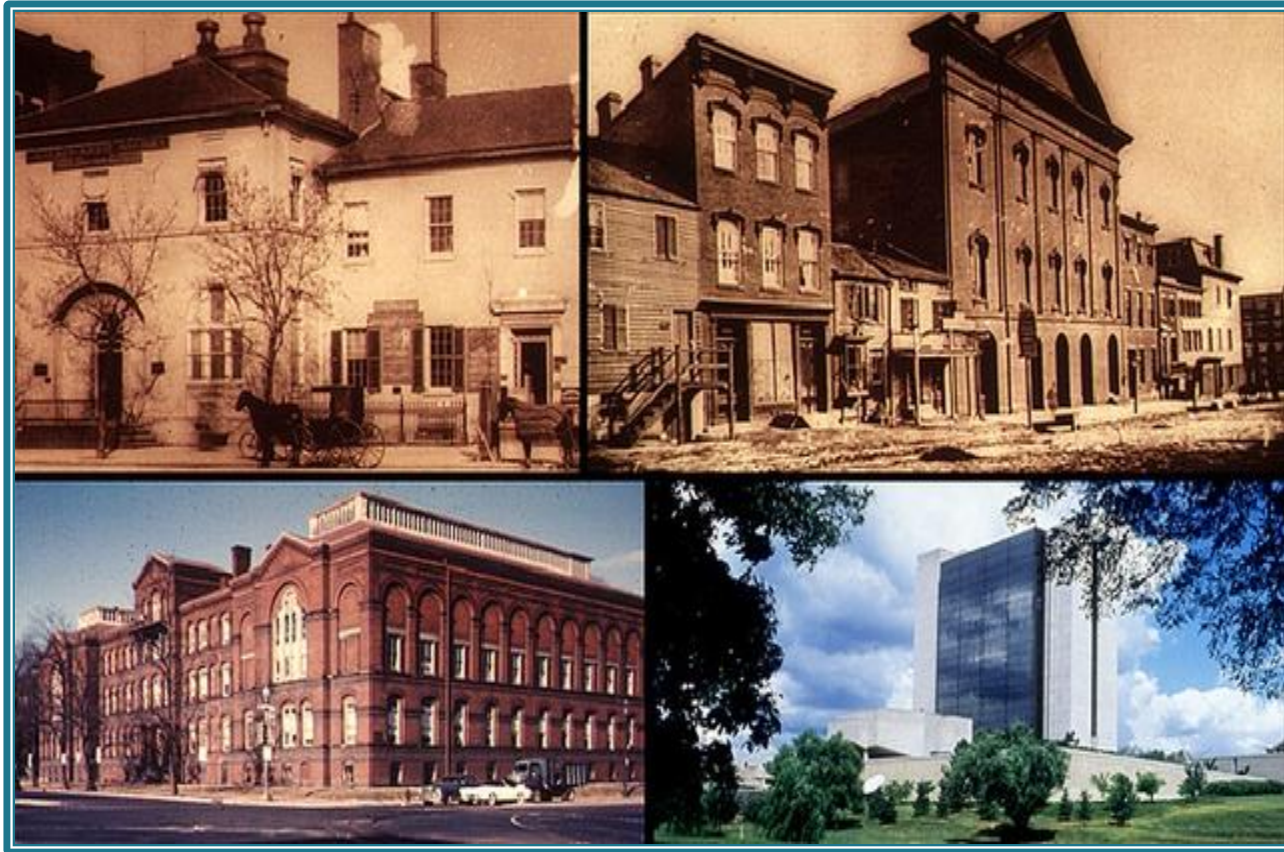
# Addressing Health Disparities through Outreach





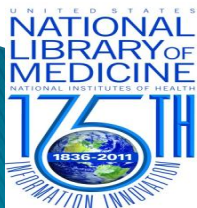
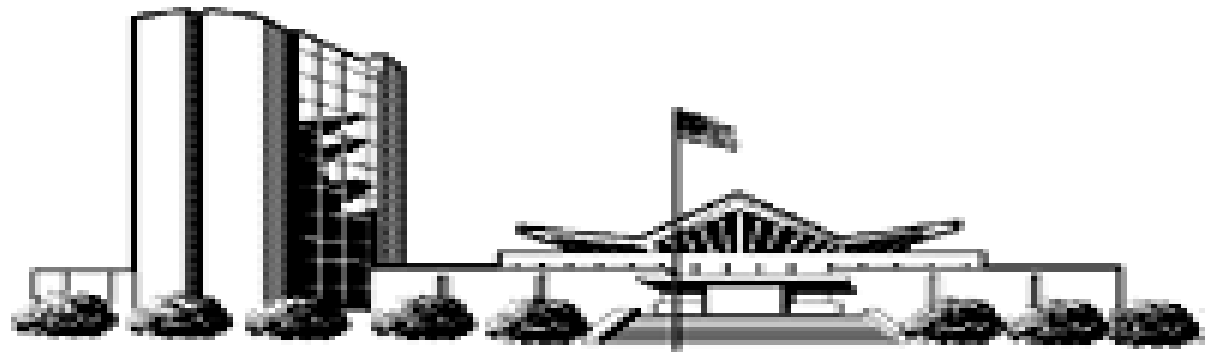
# National Library of Medicine

[www.nlm.nih.gov](http://www.nlm.nih.gov)



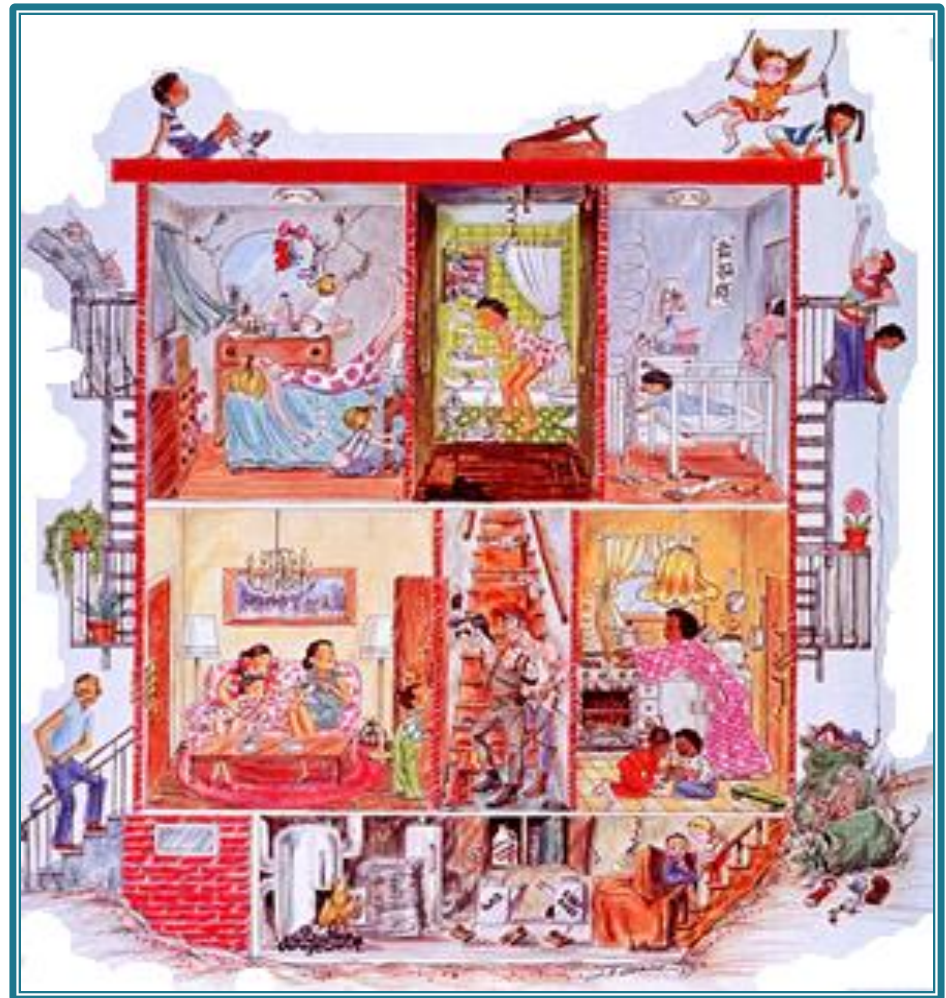
# National Library of Medicine

- ▶ Institute at NIH
- ▶ World's largest medical library
- ▶ 17 million items in over 150 languages
- ▶ Web resources
- ▶ Research & development
- ▶ Toxicology & environmental health
- ▶ Grants
- ▶ Exhibitions



# NLM Outreach Program for Consumers

- ▶ Strategies
  - Health information
    - Access
      - Easy -to-use
      - Accurate
      - Affordable





# NLM Resources

www.nlm.nih.gov

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

Contact NLM

Search

### Databases

- PubMed/MEDLINE
- MeSH
- UMLS
- ClinicalTrials.gov
- MedlinePlus
- TOXNET
- Images from the History of Medicine
- LocatorPlus
- All NLM Databases & APIs

### 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

### 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
- Training & Outreach
- Network of Medical Libraries
- Regional Activities
- Visit the Library
- Jobs at NLM
- Mobile Gallery

### News & Events

- NLM Issues Warning about Employment Scam (08/10/11)
- REMINDER: "Show Off Your Apps" Contest Closes 8/31/11 (08/09/11)
- NLM Launches Healing Totem Journey Blog in Advance of New Exhibition (08/08/11)
- Updated NLM Exhibit Schedule Now Available (08/01/11)

### NLM 175th Anniversary

2011 marks the 175th anniversary of the National Library of Medicine, part of the National Institutes of Health.

**For Online Searchers**

**Connect with NLM**

**Podcasts**

**NLM Tools & Widgets**



# MedlinePlus

www.nlm.nih.gov/medlineplus/

The screenshot shows the MedlinePlus website interface. 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. A central banner features a Twitter promotion: "Follow us on Twitter for the latest on health and wellness." with a cartoon bird holding a sign that says "MedlinePlus". Below the banner are three green buttons: "→ Health Topics", "→ Drugs & Supplements", and "→ Videos & Cool Tools". The main content area is divided into three columns. The left column contains a "MEDICAL DICTIONARY" search box with a "GO" button and a "POPULAR SEARCHES" list including amlodipine, aspirin, asthma, diabetes, fibromyalgia, gout, hypertension, lisinopril, lupus, and metformin. The middle column is titled "About Your Health" and includes tabs for "General", "Seniors", "Men", "Women", and "Children". Under "General", there are links for Back Pain, COPD (Chronic Obstructive Pulmonary Disease), Depression, Diabetes, Exercise and Physical Fitness, Heart Diseases, High Blood Pressure, Pregnancy, Skin Conditions, and Weight Control. The right column is titled "11 AUG Health News" and lists articles such as "Kids Taught to Wash Hands in School Avoid Sick Days", "More American Kids Eating Fast Food", and "Regular Exercise Helps Keep Leg Arteries Clear", with a "more health news" link. At the bottom right, there is a "Stay Connected" section with an envelope icon and the text "Get the latest information on the health".

# MedlinePlus Espanol

www.nlm.nih.gov/

**MedlinePlus**  
Información de salud para usted

Un servicio de la Biblioteca Nacional de Medicina de EE.UU.  
NIH Institutos Nacionales de la Salud

Sobre MedlinePlus Índice FAQs Contáctenos **ENGLISH** Busque en MedlinePlus  **BUSCAR**

1  
2  
3  
4  
II

**¿Tiene pensado viajar este verano?**  
Aprenda sobre la salud del viajero

→ Temas de salud → Medicinas y suplementos → Videos y multimedia

**BÚSQUEDAS MÁS FRECUENTES**

- anemia
- artritis
- diabetes
- fibromialgia
- gastritis
- hemorroides
- hierro
- hipertension
- hipotiroidismo
- lupus
- pancreatitis
- urticaria

Comparta este widget [Vea más](#)

**Acerca de su salud**

Todos **Personas mayores** Hombres Mujeres Niños

- [Control de peso](#)
- [Depresión](#)
- [Diabetes](#)
- [Dolor de espalda](#)
- [Ejercicio y estado físico](#)
- [Embarazo](#)
- [Enfermedad de obstrucción pulmonar crónica](#)
- [Enfermedades de la piel](#)
- [Enfermedades del corazón](#)
- [Presión arterial alta](#)

**11 ago** **Noticias sobre la salud**

- [La soja no brindaría alivio durante la menopausia](#)
- [Mosquitos sin esperma podrían detener la propagación de la malaria](#)
- [Un almuerzo y un desayuno saludables mantienen alertas a los estudiantes](#)

[más noticias de salud](#)

**Conéctese con nosotros**

# MedlinePlus

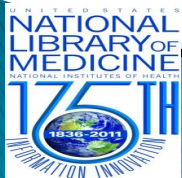
[www.nlm.nih.gov/medlineplus/languages](http://www.nlm.nih.gov/medlineplus/languages)

The screenshot shows the MedlinePlus website interface. 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 'Home', 'About MedlinePlus', 'Site Map', 'FAQs', and 'Contact Us'. A search bar is located to the right of the navigation menu, with a 'GO' button. Below the search bar are three green buttons: 'Health Topics', 'Drugs & Supplements', and 'Videos & Cool Tools'. The main heading is 'Health Information in Multiple Languages' with a '+ Share' icon. The text below the heading reads: 'Use these links to find health information in languages other than English. See our [quality guidelines](#) for how we select the links on these pages. Browse information in multiple languages by [health topic](#).' A list of languages follows: [Amharic](#) (amarunya), [Arabic](#) (العربية), [Armenian](#) (Հայերեն), [ASL](#) (American Sign Language), [Bengali](#) (Bangla), [Bosnian](#) (Bosanski), [Burmese](#) (myanmasa), [Chamorro](#) (chamoru), [Chinese - Simplified](#) (简体中文), and [Chinese - Traditional](#) (繁體中文). On the right side, there is a globe icon with the text: 'Do you know where Tagalog is spoken? Click the globe to learn about some of the world's languages.'



# MedlinePlus Magazine

[www.nlm.nih.gov/medlineplus/magazine](http://www.nlm.nih.gov/medlineplus/magazine)





# Mobile MedlinePlus

<http://m.medlineplus.gov/>

## Mobile MedlinePlus

**Trusted medical information on your mobile phone**  
<http://m.medlineplus.gov>

Wondering what the side effects are for your new prescription? Go to [Mobile MedlinePlus](#) while you're waiting for the pharmacist to fill your order.

Mobile MedlinePlus can also help you when you're trying to choose an over-the-counter cold medicine at the drug store.

And if you're traveling abroad, you can use Mobile MedlinePlus to learn about safe drinking water.

Plus, much more:

- Summaries of disease and wellness topics
- The latest health news
- An illustrated medical encyclopedia
- Information on prescription and over-the-counter medications

Mobile MedlinePlus puts reliable health information at your fingertips.

**Visit Mobile MedlinePlus at <http://m.medlineplus.gov>  
and in Spanish at <http://m.medlineplus.gov/spanish>.**



# MedlinePlus Tutorials

## Understanding Medical Words

[www.nlm.nih.gov/medlineplus/medicalwords.html](http://www.nlm.nih.gov/medlineplus/medicalwords.html)



## Evaluating Internet Health Information

[www.nlm.nih.gov/medlineplus/webeval/webeval.htm](http://www.nlm.nih.gov/medlineplus/webeval/webeval.htm)

# NIH SeniorHealth

[www.NIHSeniorHealth.gov](http://www.NIHSeniorHealth.gov)

NIHSeniorHealth

Visit [NIHSeniorHealth.gov](http://NIHSeniorHealth.gov) -  
Easy-to-Use Health and  
Wellness Information for  
Older Adults →



# NIH Clinical Trials

[www.ClinicalTrials.gov](http://www.ClinicalTrials.gov)

## Clinical Trials

Search [ClinicalTrials.gov](http://ClinicalTrials.gov) for  
Drug and Treatment Studies





# Environmental Health & Toxicology

<http://sis.nlm.nih.gov/enviro.html>

The screenshot shows the website's header with the U.S. Department of Health & Human Services logo and the URL www.hhs.gov. The main title is "Environmental Health & Toxicology" with the subtitle "SPECIALIZED INFORMATION SERVICES". The National Library of Medicine logo is also present. A navigation bar includes links for "SIS Home", "About Us", "Site Map & Search", "SIS News", and "Contact Us". A search bar is labeled "Search This Site".

On the left, a vertical menu lists the following options:

- Find Information About...
- Especially For
- Search TOXNET® Databases
- Other Professional Resources
- Resources for the Public
- Enviro-Health Links
- Guides & Tutorials
- Quick Tours

The central banner features a graphic of a blue and white container with two hazard symbols: a flame and a skull and crossbones. Below the symbols, the text reads "EXTREME DANGER • DANGER" and "VERY FLAMMABLE • POISON • CONTAMINANT". Below the graphic, the text "Information About Poisoning" is displayed.

On the right, there is a "Search TOXNET" section with a search box and a button. Below it, a section titled "In the Spotlight" lists "Chemical Hazards Emergency Medical Management (CHEMM)".

# Environmental Health Student Portal

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

The screenshot shows the homepage of the Environmental Health Student Portal. At the top left is the National Library of Medicine logo. The main title is "ENVIRONMENTAL HEALTH STUDENT PORTAL" with the subtitle "Connecting Middle School Students to Environmental Health Information". Navigation links include "HOME | SITE MAP | ABOUT | CONTACT US" and "TOPICS | FOR TEACHERS | HOMEWORK HELP | EXPERIMENTS | CAREERS | NEWS". A search bar is present with a "GO" button. On the left, there are options for "A A TEXT SIZE +/-", "PRINT THIS PAGE", and "EMAIL US". The main content area features a "What is Environmental Health?" section with a definition and a "LEARN MORE" button. Below this are four topic boxes: "Air Pollution" (with a globe and clouds), "Chemicals" (with lab glassware), "Climate Change" (with a polar bear), and "Water Pollution" (with a glass of brown water). On the right, there is a photo gallery for "Chemicals in Water" with a "GO" button. Below the gallery are four menu items: "EXPERIMENTS AND PROJECTS" (with a flask icon), "HOMEWORK HELP" (with a book icon), "CAREERS IN ENVIRONMENTAL HEALTH SCIENCE" (with a briefcase icon), and "In the NEWS For TEACHERS" (with a megaphone and apple icon).



# Household Products Database

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

The screenshot shows the homepage of the Household Products Database. At the top, it features the U.S. Department of Health & Human Services logo and the website URL [www.hhs.gov](http://www.hhs.gov). The main title is "Household Products Database" with the subtitle "Health & Safety Information on Household Products". Navigation tabs include Home, Products, Manufacturers, Ingredients, and Health Effects. A "Quick Search" box is on the left, with a "Go" button and a search prompt "Product, Manufacturer etc...". Below it is an "Advanced Search" link. A "Browse by Category" section lists: Auto Products, Inside the Home, Pesticides, Landscape/Yard, Personal Care, Home Maintenance, Arts & Crafts, Pet Care, and Home Office. A "Browse A-Z" section lists: Product Names, Types of Products, Manufacturers, and Ingredients. A "Support" section includes "About the Database". The main content area has a heading: "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." Below this is a 3x3 grid of product categories, each with a representative image and a list of products:

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