

Mobilizing 44 member institutes and 10 university-based regional training centers, NNPHI is a network of over 50 organizations and 4,500 subject matter experts with partners across the nation. To build healthy communities, we support the public health workforce, promote collaboration across sectors, and drive the field towards cutting-edge research and practice.

## NETWORK EXPERIENCE

NNPHI's distributed capacity network offers extensive experience and expertise related to environmental health evidence-based policies and programs. The following are examples of relevant experience within NNPHI and the network. Please note: this is not a comprehensive representation of the breadth and depth of experience across the network.

### ASTHMA

- In May 2016, **Health Resources in Action's** Asthma Regional Council (ARC) received the National Environmental Leadership Award in Asthma Management by the U.S. Environmental Protection Agency for the New England Asthma Innovation Collaborative project – one of four awardees nationally. Read more: <http://asthmaregionalcouncil.org/>
- **Public Health Institute's** Regional Asthma Management and Prevention program helped pass California diesel emission regulations that are projected to prevent 150,000 cases of asthma, 12,000 cases of acute bronchitis and 9,400 premature deaths over 15 years.

### CLIMATE AND HEALTH

- **Florida Institute for Health Innovation, Texas Health Institute, Louisiana Public Health Institute, Puerto Rico Public Health Trust, and Region IV Public Health Training Center (Emory University Rollins School of Public Health)** concluded the Hurricane Response Hub project in 2021, a coordinated effort among federal, state, and local public health organizations that facilitated training, technical assistance, and information sharing to enhance ongoing environmental and occupational health recovery in jurisdictions affected by the 2017 Hurricanes Harvey, Irma, and Maria.
- **Florida Institute for Health Innovation** recently mapped sea-level rise, health and social vulnerability data to determine population vulnerability to each, then overlaid these to determine vulnerability 'hotspots' and recommendations for the region. These findings have been shared with leaders throughout the state, in a variety of sectors, and are being used to guide resilience planning in FIHI's collaborative work on Kresge-funded, [Resilient Miami](#).
- In 2010, the **Public Health Institute** established the [Center for Climate Change & Health](#) to reduce the negative impacts of climate change on human health, and to promote opportunities to improve health through strategies to address climate change.
- **Hawai'i Public Health Institute** – Participates in the Hawai'i Climate Change & Health Working Group, initially convened in August of 2015 (HCR 108, SD1), to help the State consider and plan for the impacts of climate change on population-based human health and well-being and has

developed [preliminary findings and recommendations](#) for policymaker consideration.

- **Health Resources in Action** has been working with the Massachusetts Department of Public Health on the issue of climate change and public health since 2012. For example, HRiA collected data, conducted analysis, and prepared the following report: [Readiness to Address the Health Impacts of Climate Change in Massachusetts: Findings from a Statewide Survey](#).
- **Public Health Institute of Western Massachusetts - Partners for a Healthier Community** is supporting the development of a Climate Change plan for the city of Springfield in partnership with Arise for Social Justice and Climate Action Now. The goal is to join Boston and Worcester, which already have climate action plans, in planning ways to increase energy efficiency, pollute less, enhance economic development, and save money.
- **Colorado Health Institute** *Colorado's Climate and Colorado's Health: Examining the Connection*  
Read more: <http://coloradohealthinstitute.org/>
- **Public Health Institute's** *Achieving Resilient Communities* project is partnering with California communities to identify priority metrics and make measurable progress toward becoming more resilient. PHI's Center for Climate Change and Health seeks to build capacity in urban health departments through a variety of different approaches in collaboration with community partners.
- **Kansas Health Institute's** *Health and Climate Change in Kansas* issue brief examines the impacts of a warming climate on health, agriculture, and the environment.

## CORE ENVIRONMENTAL HEALTH SERVICES

- NCEH/DEEHS and NNPHI are partnering with the **Texas Health Institute, South Central Public Health Training Center** within Tulane University and the National Environmental Health Association to transition the “Biology and Control of Vectors and Public Health Pests Course” into an online curriculum, “Vector Control for Environmental Health Professionals.” In 2016- 2017, the team will incorporate essential Zika-related information into the training modules.
- NCEH/DEEHS and NNPHI are collaborating with the Colorado School of Public Health and the **Rocky Mountain Public Health Training Center** to develop and implement a Foodborne Illness Outbreak Investigation Environmental Assessment Training and Certification Program to increase the capacity and competence of state and local food safety program staff.

## HEALTHY HOMES/LEAD POISONING PREVENTION PROGRAM

- **Health Resources in Action** has facilitated lead poisoning prevention efforts for nearly 15 years, leading community coalitions focused on creating lead-safe homes in Boston through visual housing assessments, outreach and education in partnership with city agencies, and training workshops with community members and home childcare providers.
- **Public Health Management Corporation** has led environmental health service work for decades including: conducting home visits focused on lead poisoning, asthma, and Healthy Homes and developing curriculum and providing training on topics such as Healthy Homes, vector control, and climate change and health.

## SAFE WATER

- NCEH/DEEHS and NNPHI are collaborating with **Texas Health Institute**, Tulane University's **South Central Public Health Training Center**, and the National Environmental Health Association to develop a curriculum to equip environmental health professionals with strategies to improve safe drinking water programs
- NCEH/DEEHS and **NNPHI** intend to collaborate on the development and implementation of a training program for the environmental public health workforce to prevent and control Legionella in building water systems. (Forthcoming; Not yet awarded)

## WORKFORCE DEVELOPMENT

To ensure the nation's 500,000 public health professionals have the skills to take on complex and evolving public health challenges, the [National Coordinating Center for Public Health Training \(NCCPHT\)](#) at NNPHI has partnered with 10 regional public health training centers and 40 local education and training sites to form a unified, national network of public health training and educational resources called the [Public Health Learning Network \(PHLN\)](#).

Examples of related trainings developed or are under development by members of the PHLN:

- [Air Pollution: The Relationship Between Environment and Disease](#) (New Jersey Public Health Training Center)
- [Addressing Asthma in New Jersey](#) (New Jersey Public Health Training Center)
- [Impact of Climate Change on Public Health in Indiana](#) (Indiana Public Health Training Center)
- **Climate Change and Public Health** - [Part 1](#) and [Part 2](#) (New Jersey Public Health Training Center)
- [Vectors of Disease in Disasters](#): Information will be provided regarding the safe use of pesticides, technical information necessary for evaluating the need for vector and rodent control, and discussion regarding the formulation of national training programs for the evaluation and control of vector-borne diseases after a natural disaster. (South Central Public Health Training Center @ Tulane)
- [Doing it Right: Swimming Pool and Bathing Beach Testing](#) (Midwestern Public Health Training Center | St. Louis University)
- [Housing Sanitation and Safety](#): This course provides an introduction to housing sanitation and safety issues in America, focusing on the relationship between home environmental factors and health. Emphasis is placed on how to identify and remediate unhealthy home conditions to prevent lead poisoning, asthma and injury. (South Central Public Health Training Center @ Tulane University)
- [Healthy Homes 101](#) (Midwestern Public Health Training Center | University of Nebraska Medical Center)
- [Radiation Protection](#): This course will explain what radiation is, the various types of ionizing radiation including alpha, beta, gamma and neutron radiation, human health effects to high levels of radiation exposure, decontamination procedures, and proper disposal techniques. (South

Central Public Health Training Center @ Tulane University)

- [Environmental Public Health Tracking and Surveillance](#): Provides an introduction to environmental public health tracking and its potential use in daily practice. By the end of the training, participants will be able to: describe key concepts of environmental health tracking and surveillance; identify applications of environmental health tracking in practice through examples; and, explore resources for environmental tracking information. (Great Lakes Public Health Training Collaborative | University of Michigan)

## How to Access the Network: Master Contracts and Cooperative Agreements

- **CDC Cooperative Agreement: OSTLTS Partnerships—Building Capacity of the Public Health System to Improve Population Health through National, Nonprofit Organizations** | CDC Project Officer: Randall Nielson
- **CDC Policy IDIQ: [Achieving Public Health Impact through Policy](#)** (Subcontractor to Deloitte, APHIP Domain 1) | CDC Contact: [policyidiq@cdc.gov](mailto:policyidiq@cdc.gov)
- **CDC ICRA IDIQ: [Immunization Consulting & Research Arm](#)** (Subcontractor to Battelle) | CDC Contact: [Christina E. McMillian](#)
- **CDC Research Blanket Purchase Agreement: Achieving Public Health Impact through Research** (Subcontractor to NORC at the University of Chicago) | CDC Contact: [Dale F. DeFilippis](#)
- **HRSA Cooperative Agreement: National Coordinating Center for Public Health Training** | CDC Contact: [Melanie Lagarde](#)

## For More Information

- ✓ **Contact NNPHI Emergency Preparedness, Response and Recovery** [epr@NNPHI.org](mailto:epr@NNPHI.org)
- ✓ **Visit our [website](#)** – don't miss our network engagement directory!
- ✓ **Check out our [blog post](#)** on collaborative efforts with CDC
- ✓ **[Subscribe to the News You Can Use](#)** (monthly e-newsletter for federal and foundation partners)