

MISSION STATEMENT

ENVIRONMENT AND HUMAN HEALTH, INC.

Environment and Human Health, Inc., is a nonprofit 501(c)(3) organization dedicated to protecting human health from environmental harms through research, education and the promotion of sound public policy. Environment and Human Health, Inc. is made up of doctors, public health professionals and policy experts committed to the reduction of environmental health risks to individuals.

OUR MISSION IS:

1. To conduct research to identify environmental harms affecting human populations.
2. To promote public education concerning the relationships between the environment and human health.
3. To promote effective communication of environmental health risks to those exposed, as well as to responsible public and private officials, and thereby empower individuals and groups to take control over the quality of their environment and thus help them be more protective of themselves and their families.
4. To promote policies in all sectors that ensure the protection of human and environmental health with fairness and timeliness.

Environment and Human Health, Inc. has put human health at the center of its environmental agenda.



ENVIRONMENT AND HUMAN HEALTH, INC.



RESEARCH EDUCATION PUBLIC POLICY



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ENVIRONMENT AND HUMAN HEALTH, INC. ♦ BOARD MEMBERS

Susan S. Addiss, MPH, MUR.S. Past Commissioner of Health for the State of Connecticut; Past Director of Health for the Quinnipiac Valley Health District; Past President of the American Public Health Association; Past member of the Pew Environmental Health Commission; Vice President of the Connecticut Health Foundation.

Nancy O. Alderman, MES. President of Environment and Human Health, Inc. Past President of the Connecticut Fund for the Environment; Past member of the Governor's Pollution Prevention Task Force; Past member of the National Board of Environmental Defense; Recipient of the CT Bar Association, Environmental Law Section's, Clyde Fisher Award, given in recognition of significant contributions to the preservation of environmental quality through work in the fields of environmental law, environmental protection or environmental planning, and the New England Public Health Association's Robert C. Huestis/Eric Mood Award given to individuals for outstanding contributions to public health in the environmental health area.

Russell L. Brenneman, Esq. A Connecticut environmental lawyer, has served in many public policy capacities; Chaired the Connecticut Energy Advisory Board and the Connecticut Greenways Committee; Served as president of the Connecticut Resource Recovery Authority; Former chairman of the Connecticut Bar Association and serves as an elected member of the International Council on Environmental Law.

David R. Brown, Sc.D. Public Health Toxicologist; Past Chief of Environmental Epidemiology and Occupational Health in CT and previously Associate Professor of Toxicology at Northeastern College of Pharmacy and Allied Health. He has served as Deputy Director of The Public Health Practice Group of ATSDR at the national Centers for Disease Control and Prevention in Atlanta, Georgia; and is presently a consulting toxicologist with the North East States for Coordinated Air Use Management (NESCAUM).

Mark R. Cullen, M.D. Professor of Medicine and Public Health, Yale University School of Medicine; Director of Yale's Occupational and Environmental Medicine Program and co-editor of the Textbook of Clinical Occupational and Environmental Medicine.

Robert G. LaCamera, M.D. Clinical Professor of Pediatrics, Yale University School of Medicine; Practicing Pediatrician in New Haven, Connecticut from 1956 to 1996 with a sub-specialty in children with disabilities.

Susan M. Richman, M.D. Assistant Clinical Professor Yale University Department of Obstetrics and Gynecology. Recipient of the Stanley Laviertes Community Physician Award; Fellow of the American College of Obstetrics and Gynecology; presently an attending physician in the Yale Women's Center; research areas are placental pesticides and the etiology of complications following benign gynecological surgery; volunteers her services on the Navajo Reservation in Shiprock, New Mexico.

John P. Wargo, Ph.D. Director of Doctoral Programs at Yale University's School of Forestry and Environmental Studies. Director of the Yale Center for Children's Environmental Health; Associate Professor of Risk Analysis and Environmental Policy; Author of *Our Children's Toxic Legacy* which won the American Association Publisher's competition as best scholarly and professional book in an area of government and political science in 1997.

PROGRAM INITIATIVES

Since our founding in 1997 EHHI has implemented and completed a number of important research, policy and education projects. They are as follows:

PESTICIDES

EHHI conducted a research study that investigated the issue of lawn and tree care pesticide contamination of private drinking water wells.

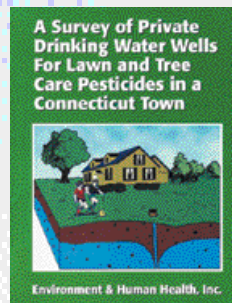
This project was designed to look at the relationship between suburban pesticide usage and residential well contamination.

Of the 53 wells examined, 11% had trace levels of pesticides. Although none of the wells had levels above drinking water standards, five contained more than one pesticide. This study is important because it shows that lawn and tree care pesticides do migrate into ground water even where the wells are as deep as 300 to 400 feet.

EHHI published a report of its findings and has since taken this report to the towns in Connecticut with a high number of private wells. EHHI is asking towns to reduce their pesticide uses on their town properties, including schools and playing fields.

EHHI completed a survey of pesticide use in Connecticut schools. Of the 147 Connecticut school districts surveyed in 1999, over a third were spraying their schools routinely, whether or not they had a pest problem. EHHI learned that a person did not have to be trained or certified to spray pesticides in a Connecticut school, that notification of teachers or parents before pesticides were applied was not required, and that record keeping was not mandated.

To remedy this situation, EHHI provided the expertise to help craft a Connecticut state statute that today addresses these issues and protects school children and teachers from pesticide exposures at school. This law went into effect in the fall of 2000.



EHHI has spent two years educating town leaders and town health officials in Connecticut about the new school pesticide notification law. As well, when we visit Connecticut towns that have large numbers of residents on private drinking water wells, we inform them of our survey of lawn-care pesticides which shows that lawn-care pesticides are infiltrating private wells. EHHI hired a former Connecticut Fund for the Environment attorney to manage this project.

SCHOOL ENVIRONMENTS



EHHI has involved itself with the broader health issues that face schools today. We have created a short and easy-to-read brochure that addresses creating healthier school environments.

Our brochure is called "Twelve Steps to a Healthier School" and covers subjects such as proper ventilation for school art rooms, precautions for schools undergoing new construction and information about playground equipment.

DIESEL EXHAUST

EHHI, in 2001, is measuring school children's exposures to diesel exhaust and other pollutants during a normal school day.

This project is being directed by John Wargo, Associate Professor of Risk Analysis and Environmental Policy at Yale University and David Brown, an eminent public health toxicologist. EHHI is doing this study in conjunction with the Environmental Research Institute (ERI) at the University of Connecticut. ERI is the official air testing laboratory in Connecticut.



PRESSURE-TREATED WOOD



EHHI has worked this past year on the issue of educating the public to the dangers of arsenic exposures from pressure-treated wood. Common sources of

arsenic exposure to children are pressure-treated wood playscapes, sandboxes and picnic tables, as well as playing in soil beneath decks constructed of pressure-treated wood.

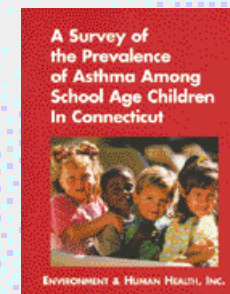
Pressure-treated wood, which is widely used in the construction of children's play equipment, picnic tables and decks, contains arsenic and copper. The arsenic in pressure-treated wood leaches out and can cause arsenic exposures which are significant enough to increase one's cancer risk. Children and adults become exposed to the arsenic in pressurized wood in a variety of ways: inhaling sawdust if it is sawed; breathing in smoke if it is burned; eating vegetables from a garden that is edged by pressure-treated wood; and by hand-to-mouth contact when touching the wood.

ASTHMA

EHHI completed a study that surveyed all the school nurses in Connecticut to determine the prevalence of asthma among the state's school age population.

The study included 513,688 school children. Of that number 44,571 had doctor-diagnosed asthma, which is an asthma prevalence rate of 9%. This percentage means that 1 out of 11 children in Connecticut has doctor-diagnosed asthma.

EHHI distributed copies of its asthma report to all the legislators in Connecticut and urged them to pass a law that would require the tracking of asthma annually among school-age children. The Connecticut Legislature responded and did pass an asthma tracking law the following summer, 2001. The law includes the asthma tracking model that EHHI set out in its report.



POLICY INITIATIVES

EHHI has affected state policy, and in some instances national policy, by our research, education, and written reports. Our report on pesticide use in Connecticut public schools led directly to a pesticide notification law requiring parents and teachers to be notified before a school applies pesticides.

As well, EHHI's report on asthma prevalence among Connecticut school children was in large measure responsible for the Connecticut legislature's passing an asthma tracking bill in the 2001 session. Our asthma prevalence study showed that 1 out of 11 school children in Connecticut has asthma.

EHHI collaborates with media consultants to ensure that our research and public health information gets into the hands of the public.

We have held many press conferences, sent out press releases, and participated in many forums to achieve this goal. EHHI was asked to testify before the CT Council on Environmental Quality on how to respond to the health threat of West Nile Virus. We were also asked to participate in Connecticut's statewide forum on asthma that was held in the spring of 2001. We continue to work to further our goal of getting good information into the hands of the public.

RECOGNITION

The President of EHHI won the New England Public Health Association's Public Health Award in May, 2001, for contributions to public health in the area of environment and human health. This award was given in recognition of the important work that Environment and Human Health, Inc. has done and is doing. The board members of Environment and Human Health, Inc., who actually develop the organization's research initiatives and do most of the work, are a prestigious group of professionals.