

**HUD ANNOUNCES OVER \$13 MILLION IN GRANTS TO PROTECT THOUSANDS OF CHILDREN
FROM LEAD PAINT AND OTHER HAZARDS IN THEIR HOMES**

February 26, 2010

The following is a state-by-state breakdown of the funding announced today:

State	Grantee	Program*	Amount
Arizona	Arizona Board of Regents for Arizona State University	GHHTS	\$450,000
Arkansas	City of Jacksonville	LHCCB	\$60,000
California	City of San Diego	HHD	\$874,667
	County of Alameda	HHD	\$875,000
Illinois	Pembroke Township	LHCCB	\$71,423
Maryland	Coalition to End Childhood Lead Poisoning	HHD	\$875,000
	National Center for Healthy Housing	GHHTS	\$650,000
Massachusetts	Boston Public Health Commission	HHD	\$874,563
	Boston Public Health Commission	HHTS	\$799,503
	City of Somerville	HHTS	\$749,893
Missouri	Saint Louis University	HHTS	\$326,246
	Washington University	HHTS	\$599,937
Nebraska	Public Health Solutions District Health Department	LHCCB	\$94,577
New Jersey	Rutgers University	HHTS	\$251,453
	Rutgers University	GHHTS	\$650,000
New York	Broome County Health Department	LHCCB	\$100,000
	Columbia University	HHTS	\$799,947
	Niagara County Dept of Health	LHCCB	\$100,000
North Dakota	Spirit Lake Tribe	LHCCB	\$100,000
Ohio	Cuyahoga County Board of Health	HHD	\$875,000
	Environmental Health Watch	GHHTS	\$650,000
	University of Cincinnati	HHTS	\$554,845
Oregon	Multnomah County	HHD	\$874,898
Virginia	Eastern Virginia Medical School	HHD	\$875,000
Wisconsin	City of Waukesha	LHCCB	\$92,061

* Note: Grant program abbreviations are as follows:

GHHTS – Green and Healthy Homes Technical Studies

HHD – Healthy Homes Demonstration

HHTS - Healthy Homes Technical Studies

LHCCB - Lead Hazard Control Capacity Building

PROJECT DESCRIPTIONS
Office of Healthy Homes and Lead Hazard Control
February 26, 2010

ARIZONA

The **Arizona Board of Regents for Arizona State University** will be awarded \$450,000 in Green Healthy Homes Technical Studies funds. The University will study the effects of renovations under the Recovery Act's Green Retrofit Program in project-based Section 8 housing for seniors in Phoenix, Arizona. The study will test whether indoor environmental quality and health of the elderly residents improves following the green renovations. Contact: Ms. Deborah Shaver, Director of Research Administration, (480) 965-4841, deborah.shaver@asu.edu.

ARKANSAS

The **City of Jacksonville, AR** will be awarded \$60,000 in Lead Hazard Control Capacity Building Grant Program funds to increase contractor base, train healthcare professionals for blood lead level screening, and educate the residents of Jacksonville about blood lead levels, the risks and health hazards of lead paint to children under six year of age. The City of Jacksonville, will be partnering with seven (7) community based non-profits and faith-based organizations, the Arkansas Department of Health – Pulaski County Unit, the Arkansas Department of Environmental Quality, neighborhood associations, and local churches. Contact: Ms. Theresa Watson, Director on (501) 982-0026 or email Twatson@cityofjacksonville.net.

CALIFORNIA

The **City of San Diego, CA** will be awarded \$874,667 in Healthy Homes Demonstration Grant Program funds to work with the San Diego Healthy Homes Collaborative consisting of: San Diego's Environmental Services Department, American Lung Association of California, National Latino Research Center (Cal State University San Marcos), San Diego's Neighborhood Code Compliance Division, Metropolitan Area Advisory Committee Project, San Diego Housing Commission, Urban Corps of San Diego County, Rebuilding Together San Diego, Labor Council, City Heights Community Development Corporation, Richard Heath and Associates, Inc., San Diego Regional Asthma Coalition, Burn Institute, American Red Cross, and various CBO's, NPO's and FBO's. This program will expand on the current healthy homes infrastructure and protocols already in place and will conduct housing-based interventions to create Healthy Homes for at least 150 families while continuing to implement a public education campaign to benefit thousands of families' in San Diego. Contact Person: Alan Johanns, Asbestos and Lead Program Manager, Phone: (858) 573-1262, email: ajohanns@sandiego.gov

County of Alameda, Lead Poisoning Prevention Program, CA will be awarded \$875,000 in Healthy Homes Demonstration Grant Program funds to demonstrate an improvement in the health status and prevention of injustices in children and older adults that will result by combining an approach of education, community empowerment and low cost housing interventions. The participants will be low-income children up to the age of 18 with asthma and

older adults who are caregivers of children diagnosed with asthma. The project will perform visual inspection in 200 units, educate and demonstrate healthy homes products and tools to 200 families, perform 150 housing interventions in 150 units, refer 150 families for weatherization services and conduct 250 trainings for partner organization, This will result in a reduction of ER visits and hospitalizations for asthma and injuries, reduction and frequency of severity of asthma symptoms and increased knowledge of asthma triggers and home safety hazards. Contact Person: Maricela Foster, Grant Project Director, Phone: (510) 567-8294, email: maricela.foster@acgov.org

ILLINOIS

The Pembroke Township, IL will be awarded \$71,423 in Lead Hazard Control Capacity Building Grant Program funds to create properly trained and certified workforce capabilities for the evaluation and removal of lead base materials in homes that may have or will have children under age 6. The program will develop a training program that will identify these homes while addressing the unemployment in the community. The Pembroke Township will be partnering with the Pembroke Community Development Assistance Program and Weatherization Assistance. Contact: Mr. Dean Gibbs, Pembroke Township Supervisor on (815) 944-8871 or email amen001@netzero.com.

MARYLAND

The Coalition to End Childhood Lead Poisoning Prevention, Baltimore, MD will be awarded \$875,000 in Healthy Homes Demonstration Grant Program funds to implement the Safe at Home program. The program will conduct comprehensive and sustainable healthy homes assessments, interventions and an education program that leverages investments in weatherization and energy efficiency in low-income housing and assures the integrated process produces sustainable and affordable healthy, green and safe units. The Coalition will create 200 green and healthy homes in Baltimore by combining substantial experience to provide green and healthy homes intensive hazard reductions Interventions to produce 75 healthy and safe homes, provide green and healthy homes facilitated hazard reduction intervention to 75 homes and to provide 100 healthy homes property maintenance kits to low income families. The goal of the project is to reduce asthma triggers in these homes. The project will train 5,000 residents, health care providers and community organizations in healthy homes practices. The project will also provide weatherization and energy efficiency intervention to 50 homes. The work of this project is modeled after and will support the national green healthy homes initiative program, part of the novel approach to this project. Contact Person: Ruth Ann Norton, Executive Director, Phone: (410) 534-6447, email: ranorton@leadsafe.org

The **National Center for Healthy Housing** will be awarded \$650,000 in Green Healthy Homes Technical Studies funds to study the health outcomes among older Americans following rehabilitation of public housing using green healthy housing methods. The site to be rehabilitated with Recovery Act funds has 101 public housing units designated for the elderly located at Orness Plaza in Mankato, MN. The study will compare the health data for the same individuals before and after the rehabilitation is completed, and will also collect environmental samples before and after rehab in a subset of the units. The study will test whether green healthy

housing rehabilitation of public housing occupied by elders improves their health status.
Contact: David Jacobs, PhD., Director of Research, (202) 580-7214, djacobs@nchh.org.

MASSACHUSETTS

The **Boston Public Health Commission** will be awarded \$874,563 in Healthy Homes Demonstration Grant Program funds to carry out the Healthy Section 8 and Affordable Housing Demonstration Project. The project will improve the health and home environment of low-income children and families by developing and implementing new models of staff training, community, resident and landlord engagement, inspection, remediation and connection to resources, and promoting sustainable integrated pest management and smoke free housing policies. The project will enroll 80 children with asthma through the Chinatown neighborhood pilot and citywide efforts, and monitor health and environmental data for 70 of these households. Contact Person: Margaret Reid, Director, Division of Healthy Homes and Community Supports, Boston Public Health Commission, Phone (617) 534-2372, email: mreid@bphc.org.

The **Boston Public Health Commission** will be awarded \$799,503 in Healthy Homes Technical Studies funds to implement a pest control study of activities in Boston Housing Authority housing that has resulted in differing levels of IPM intensity. The Integrated Pest Management (IPM) Intensity Impact Study will examine the variations in intensity of IPM and their impact on health outcomes. The hypothesis is that households that receive more intensive IPM activities will experience more substantial health benefits and more sustained improvements in the indoor environment. Partners include the Boston Housing Authority, two public housing tenant groups, the Committee on Boston Public Housing and the West Broadway Task Force, the Harvard School of Public Health, Boston Medical Center, and Boston University School of Public Health. Contact: Ms. Margaret Reid, Director, Division of Healthy Homes and Community Supports, Boston Public Health Commission, Phone (617) 534-2372, email: mreid@bphc.org.

The **City of Somerville** in partnership with the Somerville Housing Authority, Somerville Transportation Equity Partnership and Tufts University Schools of Medicine and Engineering will be awarded \$749,893 in Healthy Homes Technical Studies funds to conduct a pilot study of the potential health benefits of air cleaning technology in a public housing complex adjacent to a highway in Somerville. It will test in-home air filtration for residents living in a public housing complex and provide a quantitative measure of the effectiveness of high-efficiency particulate air filtration for removing ultra-fine particles. The study will also collect biological markers of cardiovascular health from study participants as an additional measure of potential benefits of this intervention technology for public housing residents. Contact: Mr. Philip Ercolini, Housing Director, (617) 625-6600.

MISSOURI

Saint Louis University will be awarded \$326,246 in Healthy Homes Technical Studies funds to study green products for cleaning and disinfection of mold, added to a current HUD-funded project. Several new green commercial products are already in the market for mold remediation, but their effectiveness for mold treatment remains unknown. The experiments will consist of inoculation of select structural building materials with fungal species frequently found growing

on wet building substrates, followed by their treatment with select “green” formulations to assess both short term and long term fungicidal activities. Contact: Sheila T. Lischwe, PhD, 314-977-2238, lischwst@slu.edu.

Washington University will be awarded \$599,937 in Healthy Homes Technical Studies funds to study older adults who visit the emergency room for treatment after a fall and have a significant risk of falling again in the subsequent 12 months. Development of an effective intervention strategy for fall reduction could have an immediate impact for this population and high public health significance. This study is a double-blinded, randomized sham-controlled clinical trial to determine the efficacy of an intensive tailored home hazard removal intervention to reduce the cumulative incidence of falls among 110 community-dwelling older adults who visit the emergency room because of a fall. It will compare the 12-month cumulative incidence of falls in an intensive tailored home intervention group with falls in a sham control group. Contact: Mr. John Michnowicz, Director Grants & Contracts, (314) 747-4134, dunhamm@wusm.wustl.edu

NEBRASKA

The **Public Health Solutions District Health Department, NE** will be awarded \$94,577 in Lead Hazard Control Capacity Building Grant Program funds to better protect children in a 5-county region from residential lead exposure by (1) Establishing LHC stakeholder groups; (2) Developing a written plan for a lead hazard control program; and (3) Implementing and evaluating pilot projects testing components of the lead hazard control program plan. The Public Health Solutions District Health Department will be partnering with Southeast Community College, Nebraska Department of Economic Development, and Fillmore, Gage, Jefferson, Saline and Thayer counties. Contact: Ms M. Jane Ford Witthoff, Health Director /Project Director on (402) 826-3880 or email jane@phsneb.org.

NEW JERSEY

Rutgers University will be awarded \$251,453 in Healthy Homes Technical Studies funds to study the effectiveness of a community-based integrated pest management (IPM) program for bed bugs utilizing both non-chemical and chemical approaches. The study will also develop an affordable bed bug monitoring tool by optimizing bed bug trap designs. It will be implemented, monitored, and evaluated in a bed bug-infested multi-unit apartment building for 18 months. The proposed IPM strategy maximizes the use of non-chemical tools, minimizes the risk of human/insecticide exposure, and improves the effectiveness of current bed bug management programs. Contact: Changlu Wang, PhD, Associate Professor, (732) 932-9552

Rutgers University will be awarded \$650,000 in Green Healthy Homes Technical Studies funds to study the potential benefits of green housing and maintenance activities on health and indoor air quality in housing for formerly homeless families in the South Bronx, NY. The study will also assess the potential benefits of environmental design for active living on health outcomes, including obesity. Contact: Clinton Andrews, PhD, Professor, (732) 932-0934, cja1@rci.rutgers.edu

NEW YORK

The **Broome County Health Department, NY** will be awarded \$100,000 in Lead Hazard Control Capacity Building Grant Program funds to expand equal access to affordable healthy housing for local families, provide employment opportunities, enhance the sustainability of the county communities, and improve the quality of life for the citizens of the county. The Broome County Health Department will be partnering with the City of Binghamton, Town of Union, Broome County Department of Social Services, BCHD Maternal & Child Health, Opportunities for Chenango, Broome-Tioga Workforce, Tioga Opportunities, Broome County Council of Churches, and the Family and Children's Society. Contact: Ms. Sarah Walker, Public Health Educator, Lead Primary Prevention Program Coordinator on (607) 778-2809 or email swalker@co.broome.ny.us.

Columbia University will be awarded \$799,947 in Healthy Homes Technical Studies funds to study household-related injury and illness as it relates to the nation's growing population of elderly residents. Information on household hazards and their effects on the elderly is very limited. This project is a household hazards assessment and hazards reduction intervention study, using a pre/post-test design. The goal is to develop a reliable and low-cost method to identify and mitigate hazards in households of disadvantaged elderly residents, using a community-based participatory research study design. Contact: Mrs. Rosa Rivera, Assistant Director, (212) 305-0350, grants-office@columbia.edu

The **Niagara County Department of Health, NY** will be awarded \$100,000 in Lead Hazard Control Capacity Building Grant Program funds to develop infrastructure, implement lead hazard control and complete the process of creating lead safe housing. The Niagara County Department of Health will be partnering with the Environmental Education Associates. Contact: Mr. James J. Devald, Director of Environmental Health at (716) 439-744 or email James.Devald@niagaracounty.com.

NORTH DAKOTA

The **Spirit Lake Tribe, ND** will be awarded \$100,000 in Lead Hazard Control Capacity Building Grant Program funds to 1) Alleviate and remove the health threats present in all low income households; and 2) to build local capacity to operate sustainable program that will prevent and control housing related environmental health and safety hazards in low and very low income residents including lead. The Spirit Lake Tribe will be partnering with Spirit Lake Housing Authority, Spirit Lake TERO, Early Childhood Tracking, and the IECIS Group. Contact: Ms. Myra Pearson, Tribal Chairperson on (701) 766-4221 or email admin@spiritlakenation.com.

OHIO

The **Cuyahoga County Board of Health, OH** will be awarded \$875,000 in Healthy Homes Demonstration Grant Program funds to incorporate healthy home activities into its ongoing weatherization program, utilizing existing personnel and infrastructure to address 100 units, paying particular attention to hazards that are common to children and senior citizens. At least

300 preliminary reviews will be conducted to achieve their goal of 100 clients to be assisted. Cost effectiveness will be gained by incorporating known hazard reduction activities along with weatherization by limiting the number of home visits and separate contracts necessary to achieve the program goals. The effectiveness of the program will be determined by pre- and post-intervention testing of allergens using a number of readily available standardized collection tools. The results of the program will be published in local and national journals. Contact Person: Mr. John Sobolewski, Supervisor of Healthy Homes Programs, Phone: (216) 201-2000, email: Jsobo@ccbh.net

Environmental Health Watch will be awarded \$650,000 in Green Healthy Homes Technical Studies funds to study two aspects of green and healthy housing. EHW will compare two green renovation standards in terms of cost, energy use, environmental quality, and health outcomes. The comparison will be between retrofitting to the Enterprise Green Communities and Energy Star standards, and retrofits known as Deep Energy Reduction. EHW will also test the feasibility of a new remote monitoring technology to evaluate environmental quality. Contact: Mr. Stuart J. Greenberg, Executive Director, (216) 961-4646, stuart.greenberg@ehw.org

The **University of Cincinnati** will be awarded \$554,845 in Healthy Homes Technical Studies funds to study bacterial contamination in moisture-damaged homes. Wet building materials serve as perfect sites for bacterial growth. This study includes the assessment of bacteria and bacterial immunomodulators in homes with high and low Environmental Relative Moldiness Index values. Homes will be selected from households already participating in ongoing studies, and the researchers will focus on key housing-related bacterial biocontaminants previously implicated in human health: gram-positive and gram-negative bacteria, *Streptomyces*, and bacterial immunomodulators including endotoxin, peptidoglycan, and total bacterial DNA. Contact: Atin Adhikari, PhD, Assistant Professor, (513) 558-0500, atin.adhikari@uc.edu

OREGON

The **Multnomah County Health Department, OR** will be awarded \$874,898 in Healthy Homes Demonstration Grant Program funds to implement the CAIR (Community Asthma Inspection and Referral) Healthy Homes Demonstration Project. CAIR will demonstrate a novel process for identifying multiple sources of illness and hazards in the home environment using a collaborative approach. Hazards include allergens, asthma and respiratory illnesses, combustion products, pests, lead sources, mold, pesticide residues, take-home hazards, radon and unintentional injuries. The CAIR model will partner with two community-based organizations that work with low-income racial and ethnic minority populations. With the CAIR model, community organizations, social service agencies and landlords, will all have a process to refer vulnerable families to receive CAIR's healthy homes services. Contact Person: Lila Wickham, Environmental Health Program Manager, Phone: (503) 988-3674, email: lila.a.wickham@co.multnomah.or.us

VIRGINIA

The **Eastern Virginia Medical School, Department of Pediatrics, VA** will be awarded \$875,000 in Healthy Homes Demonstration Grant Program funds to address asthma, air quality and household safety. The Consortia for Healthy Homes in Norfolk (CHHN) project plans to decrease children's exposure to (1) dust and dust mites, (2) mold and moisture intrusion, (3) insect (cockroaches) and rodent infestations, (4) combustion products of heating and cooking utensils, (5) unintentional fires, (6) poisonous household products and (7) accidental falls. The program objectives are to: (a) coordinate efforts to improve indoor environmental quality and safety in the targeted housing communities by partnering with organizations to form the Consortia for Healthy Homes in Norfolk (CHHN) (b) involve low-income and minority populations in program activities: (c) ensure that the CHHN is integrated into a much larger, collaborative, community-based and capacity building approach that involves organizations, stakeholders and opinion leaders; and (d) develop and implement a pragmatic evaluation plan that reflects the level of indoor environmental hazards in the target population and evaluations the effectiveness of CHHN. Contact Person: Yolanda Demory, Manager, Pre-award Services, Phone: (757) 446-8498, email: DemoryYF@evms.edu

WISCONSIN

The **City of Waukesha, WI** will be awarded \$92,061 in Lead Hazard Control Capacity Building Grant Program funds to implement a comprehensive capacity building approach that will result in a trained and certified staff and contractor workforce, well-informed public, and development of data and delivery systems to ensure a smooth running program from enrollment to clearance. The City of Waukesha will be partnering with the Coalition to End Childhood Lead Poisoning, the Association for the Rights of Citizens with Handicaps, Waukesha County Health Department, Wisconsin Childhood Lead Program/Health Department, and the Family Wellness Collaborative. Contact: Mr. P. Crandell, Director of Community Development on (262)-524-3750 or email scrandel@ci.waukesha.wi.us