



TRACK 1: HEALTHY COMMUNITIES

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Scale Matters: Planning and Design for Healthy Communities

1A-1

Monday, 1-2:30pm
Room 102

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

David Rouse

Wallace Roberts & Todd

Dee Merriam

U.S. Centers for Disease Control and Prevention

Tedd Hardesty

EDGE Landscape Architects and Planners

This session will explore the role of planning and design at the community, neighborhood, and site scales in improving public health and promoting healthy lifestyles. Topics will include an overview of public health trends and issues as they relate to community planning and design, including evidence-based findings on the role of community design in promoting healthy lifestyles. In addition, topics will include an integrated framework for addressing public health in community planning and implementation from comprehensive and neighborhood plans to zoning ordinances and development standards that promote healthy design.

Effect of the Built Environment on Community Health

1A-2

Monday, 1-2:30pm
Room 106

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Marie Carter

U.S. Centers for Disease Control and Prevention

Karen Glanz

University of Pennsylvania

Cheryl Carnoske

Washington University in St. Louis

James Krieger

Public Health Seattle-King County

This session will discuss the benefits and challenges of evaluating the built environment by using natural experiments, in which researchers observe the behavior of study participants without trying to influence it. Researchers will explain how realtors, developers, and other public health partners helped these studies, and how a troubled American economy can affect neighborhood design and challenges for built-environment research. Panelists also will describe methods and tools, such as global positioning system (GPS), accelerometers, and geographic information system (GIS) mapping, and explain the use of these technologies in community health research.

Best Practices for Sustainable Communities in Region VIII

1A-03

Monday, 1-2:30pm
Room 709

Approved for CEUs by: ABIH, ACAC, NAHB

Rick Garcia

Regional Administrator Region VIII and Secretary Donovan's Senior Policy Advisor on Sustainability

Guadalupe Herrera

Field Policy and Management Sustainability Officer, Region VIII

Sustainable Communities initiative is walking the talk in Region VIII. RA Rick Garcia will provide examples of the partnership work that is being done in Region VIII. Best Practices for incorporating energy efficient development into housing, transportation, and the environment. What funding is available for a second round of Sustainable Community Planning, Challenge grants and Technical Assistance Grants? What is Preferred Sustainability Status; what are the advantages and disadvantages to your community for future funding? Listen to the national view of the Regional Partnerships.



TRACK 1: HEALTHY COMMUNITIES

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PRESENTER(S)

PURPOSE OR GOAL

Environmental Management of Pediatric Asthma: A Skill-Building Institute for Health Professionals Part 1

1A-04

Monday, 1-2:30pm
Room 711

Approved for CEUs by: ABIH, ACAC, NAHB

Approved for CME/MOC by: ACPM

*The American College of Preventive Medicine (ACPM) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. ACPM designates this Live Activity (Part 1 and Part 2) for a maximum of 3 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Additionally, this activity is eligible for 3 American Board of Preventive Medicine (ABPM) Maintenance of Certification credits.

Leyla Erk McCurdy

National Environmental Education Foundation

Erica Forrest

Children's Mercy Hospitals and Clinics

Michelle Hofmann

University of Utah School of Medicine

Jacqueline Spain

Holyoke Health Center

In this two part session, participants will learn how to integrate environmental management of asthma into pediatric health care by developing the necessary competencies in environmental health relevant to pediatric asthma. The sessions will review the triggers of asthma, provide examples of taking an environmental history for a child with asthma, and review intervention strategies and the tools health care providers can communicate to children and their families. During the sessions, the speakers will discuss the Chronic Care Model and the National Environmental Education Foundation's "Environmental Management of Pediatric Asthma: Guidelines for Health Care Providers," which is founded upon the NHLBI Guidelines. The presenters will draw parallels between a safe home and an asthma care home (medical home) and discuss how children need both. In addition to the presentations, participants will have the opportunity to interact with the speakers and their peers in multidisciplinary interactive discussions.

How the Environment Outside Our Homes Can Promote Healthy Active Lifestyles

1B-1

Monday, 3-4:00pm
Room 102

Approved for CEUs by: ABIH, ACAC, NAHB

Jeff Miller

Alliance for Biking & Walking

This session will discuss results from Bicycling and Walking in the United States, the 2010 Benchmarking Report. This report compiles data from all 50 states and the 51 largest U.S. cities and shows how levels of biking and walking are strongly correlated to major public health indicators such as levels of obesity, physical activity, diabetes, and high blood pressure.

Building Public Health Connections

1B-2

Monday, 3-4:00pm
Room 106

Approved for CEUs by: ABIH, ACAC, NAHB

Shaunna Burbidge

Metro Analytics

Jonathan Brooks*

Texas Transportation Institute: Transit Mobility Program

Jaime Hoebeke

City of Manchester Health Department

Kara Vonasek

The Health Impact Project, a collaboration of the Robert Wood Johnson Foundation

This session will discuss the different mechanisms of connecting health to other sectors. The first presentation will introduce health impact assessments (HIA) and the Health Impact Project; a collaboration of the Robert Wood Johnson Foundation and The Pew Charitable Trusts which conducted an evaluation to identify successful HIAs. The second presentation will discuss the City of Manchester Health Department's initiative known as the Manchester Healthy Eating Active Living (HEAL) Innovation Fund Project. The third panelist will present data from a 2009 inventory of Utah municipal policies and ordinances. This inventory identified the prevalence of, and current and future planning for, active modes of transportation and health using the U.S. Centers for Disease Control and Prevention's (CDC) Active Community Environment (ACE) Indicators.



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PRESENTER(S)

PURPOSE OR GOAL

**Environmental Management of Pediatric Asthma:
A Skill-Building Institute for Health Professionals
Part 2**

1B-04

Monday, 3-4:30pm
Room 711

Approved for CEUs by: ABIH, ACAC, NAHB

Approved for CME/MOC by: ACPM

*The American College of Preventive Medicine (ACPM) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. ACPM designates this Live Activity (Part 1 and Part 2) for a maximum of 3 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Additionally, this activity is eligible for 3 American Board of Preventive Medicine (ABPM) Maintenance of Certification credits.

Leyla Erk McCurdy

National Environmental Education Foundation

Erica Forrest

Children's Mercy Hospitals and Clinics

Michelle Hofmann

University of Utah School of Medicine

Jacqueline Spain

Holyoke Health Center

In this two part session, participants will learn how to integrate environmental management of asthma into pediatric health care by developing the necessary competencies in environmental health relevant to pediatric asthma. The sessions will review the triggers of asthma, provide examples of taking an environmental history for a child with asthma, and review intervention strategies and the tools health care providers can communicate to children and their families. During the sessions, the speakers will discuss the Chronic Care Model and the National Environmental Education Foundation's "Environmental Management of Pediatric Asthma: Guidelines for Health Care Providers," which is founded upon the NHLBI Guidelines. The presenters will draw parallels between a safe home and an asthma care home (medical home) and discuss how children need both. In addition to the presentations, participants will have the opportunity to interact with the speakers and their peers in multidisciplinary interactive discussions.

**Public Health in Housing and
Community Development**

1B-01

Monday, 3-5:00pm
Room 111

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Ruth Lindberg

National Center for Healthy Housing

Andrew Dannenberg

U.S. Centers for Disease Control and Prevention

Pilar Lorenzana-Campo

Public Health Law and Policy

James Krieger

Public Health Seattle-King County

Karen Roof

EnviroHealth Consulting

This session will examine how incorporating health into housing and community development (including land use planning) can result in measurable public health impacts. The presentation will include four speakers, each of whom offers a different tool for creating neighborhoods that promote public health. These tools and approaches include the use of health impact assessments to examine the effects of land use and transportation decisions on communities, the use of agency partnerships and community empowerment strategies to create systems change and healthier built environments at public housing sites, creative partnerships to support healthy communities, and efforts to incorporate health into land use planning.



TRACK 1: HEALTHY COMMUNITIES

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PRESENTER(S)

PURPOSE OR GOAL

Outdoor Classroom Design and Urban Greening: Community Design for Health
1C-1

Monday, 4:15-5:15pm
Room 102

Approved for CEUs by: ABIH, ACAC, NAHB

Susan Wirth
Arbor Day Foundation

James Wike
Dimensions Educational Research
Foundation

Kathleen Wolf
University of Washington

These presentations will examine how projects incorporate green landscapes into the urban built environment, creating organic opportunities for social and economic development. The Center for Resilient Cities led an extensive neighborhood-based planning process in Milwaukee that resulted in a green infrastructure plan for an inner-city neighborhood that included renovation of an urban community garden, a neighborhood park, and transformation of the grounds of Brown Street Academy elementary school. The second presentation will discuss urban greening projects and evidence-based design strategies for creating outdoor spaces and neighborhoods that promote human health.

Wellness Scoring and Results-Based Accountability to Target Health Improvement
1C-2

Monday, 4:15-5:15pm
Room 106

Approved for CEUs by: ABIH, ACAC, NAHB

Jon Lowry, Pamela Rollins
Oklahoma City-County Health Department

The Zip-Code Wellness Score developed by the Oklahoma City-County Health Department is based on the premise that health examined on a community level is influenced by a wide range of factors, such as the social determinants of health including housing and the built environment. By developing relationships with community partners, previously unavailable demographic factors were obtained by zip code and through a statistical weighting process these factors were combined with traditional levels of disease. The unique presentation of the Wellness Scores (negative or positive) provides a visual representation of how individual and community factors impact the health of communities and allow intervention strategies to be communicated and targeted for the greatest impact.



TRACK 1: HEALTHY COMMUNITIES

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PRESENTER(S)

PURPOSE OR GOAL

An Opening to Health Equity

1D-1

Tuesday, 1-2:30pm
Room 102

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Marie Carter

U.S. Centers for Disease Control and Prevention

Joseph Sharkey

Texas A&M School of Rural Public Health, Program for Research in Nutrition and Health Disparities

Jessica Kelley-Moore

Case Western Reserve University, Prevention Research Center for Healthy Neighborhoods

Jeanette Gustat

Prevention Research Center at Tulane University School of Public Health and Tropical Medicine

In many communities across the United States, residents have limited access to healthy, affordable food. This session will address the social equity issues of food security from different perspectives. One perspective will describe the food access problem in s on food access issues including the usage of geo-mapping data in New Orleans using geo-mapped data on placement of food stores and in-store surveys on availability of specific types of foods. A second researcher will explain how the issue of healthy food access is affecting rural Latino communities along the South Texas border with Mexico. A third presenter will describe how inner-city neighborhoods can reinvent themselves by using food cooperatives and community gardens to increase their food choices.

The Role of Transportation Fostering Active Living

1D-2

Tuesday, 1-2:30pm
Room 106

Approved for CEUs by: ABIH, ACAC, NAHB

Aurash Khawarзад

Project for Public Spaces

This session will describe how health professionals can work with their communities and transportation agencies to foster transportation systems to achieve healthier outcomes. A general overview of easily understood design principles will be addressed to assist participants in asking the right questions when engaged with transportation professionals.

Linking the Health Care Community and Outdoor Activities

1D-04

Tuesday, 1-2:30pm
Room 711

Approved for CEUs by: ABIH, ACAC, NAHB

Leyla Erk McCurdy

National Environmental Education Foundation

Charm Lindblad

New Mexico Health Care Takes On Diabetes

This session will review the current scientific evidence about the health benefits of easily accessible outdoor natural spaces. It will describe the role of health care providers in influencing community design strategies for creating neighborhoods and outdoor spaces that promote public health and encourage healthy lifestyles. It will also discuss tools used to create a healthier population by strengthening the connection between the health care system and parks.



TRACK 1: HEALTHY COMMUNITIES

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PRESENTER(S)

PURPOSE OR GOAL

Developing and Using Evidence for Healthy Communities

1E-1

Tuesday, 3-4:00pm
Room 102

Approved for CEUs by: ABIH, ACAC, NAHB

James Kelly, Tannie Eshenaur, Sara Dunlap
Minnesota Department of Health

Ruth Lindberg
National Center for Healthy Housing

Elizabeth Walsh, Robert Paterson, Sara Hammerschmidt
University of Texas, School of Architecture & Indoor Environmental Science & Engineering Program

This session will explore the impact of Light-Rail Transit, air quality, and housing interventions on health. The Central Corridor Light-Rail Transit (LRT) line began preliminary construction in 2010 and baseline measures of community health and quality of life have been used to track the impact of changes that result from the LRT construction. The last two presentations will focus on housing health, including a review of the potential health risks from air toxins for HOPE VI tenants, and evidence linking neighborhood-level housing interventions to improvements in health.

Connecting People to Places for Active Communities

1E-2

Tuesday, 3-4:00pm
Room 106

Approved for CEUs by: ABIH, ACAC, NAHB

Malisa McCreedy
Pedestrian Program Manager, Charlotte Department of Transportation (CDOT) and Walkable and Livable Communities Institute, Inc.

This session will discuss implementing plans and policies that bring the community together to understand the economic, health and happiness benefits of an active built environment. It will discuss education and social engagement policies that promote connected and convenient walking, biking and transit networks. The best practices of the many organizations and communities working to create livable communities that promote connected and convenient walking, biking and transit networks can provide implementation guidance will be presented.

Greenprinting: Proactive Conservation Planning

1F-1

Tuesday, 4:15-5:15pm
Room 102

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Breece Robertson
The Trust for Public Land

The Trust for Public Land's planning approach, known as Greenprinting, targets lands that are strong candidates for conservation and helps establish local land conservation goals. This session will discuss Greenprinting: a hierarchical, multi-criteria modeling framework for conservation priority assessment. These projects cover a range of activities, including mapping, planning, financing and transaction services around public open space.

Active Transportation and Community Health: How Transportation Policy and Funding Decision Support Healthy Homes

1F-2

Tuesday, 4:15-5:15pm
Room 106

Approved for CEUs by: ABIH, ACAC, NAHB

Mary Elizabeth Ikard
Nashville Area Metropolitan Planning Organization

This session will focus on the relationship between housing, transportation policy, and personal health by highlighting key successes from Middle Tennessee's first regional bicycle and pedestrian study conducted by the Nashville Area Metropolitan Planning Organization. A comprehensive vision for bicycle and pedestrian mobility spanning seven counties, this major study resulted in the integration of health considerations into transportation policy and programming.



TRACK 1: HEALTHY COMMUNITIES

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PRESENTER(S)

PURPOSE OR GOAL

Connecting Communities to Healthy Environments in Nature
1G-1

Wednesday, 1:30-3:00pm
Room 102

Approved for CEUs by: ABIH, ACAC, NAHB

David Marquardt, Gordon Robertson
Denver Parks Planning

Jennifer Wieczorek
Denver Public Health

The city of Denver is individually partnered with The Trust for Public Land, the Robert Wood Johnson Foundation, Denver Public Health, and the Georgia Institute for Technology in developing several studies and analysis to demonstrate the need and value for additional open space within the city of Denver. This session will demonstrate the real need for parks in terms of economics and public health and how metropolitan areas can create better and stronger connections between their communities and valuable public open spaces.

Health and Public Infrastructure
1G-2

Wednesday, 1:30-3:00pm
Room 106

Approved for CEUs by: ABIH, ACAC, NAHB

Dee Merriam
U.S. Centers for Disease Control and Prevention

David Green
Perkins+Will, Georgia Tech

This session will address the health impact of a disconnected urban infrastructure and illustrate approaches, implementation tactics, and policies that lead to successful redevelopment. The Atlanta BeltLine, a project to transform the historic freight rail lines circling the urban core from a barrier to a connected infrastructure, is used as a case study. Those attending will be exposed to analyses of changing urban environments, how these changes are directly related to our health, and how understanding the approach to street development can result in a more supportive public realm.

The Role of Placemaking in Creating Healthy Places
1H-1

Wednesday, 4:30-5:30pm
Room 102

Approved for CEUs by: ABIH, ACAC, NAHB

Aurash Khawarзад
Project for Public Spaces

This session will cover principals of “placemaking” and how it can be used to create healthy places. Participants will be introduced to methods and tools that they can use in their communities to transform public spaces. Finally, participants will be given specific ideas for ways that places can be improved in their neighborhood, including streets, parks and public markets.

Certified Sustainable Communities: A Planning Tool for Healthy Neighborhoods
1H-2

Wednesday, 4:30-5:30pm
Room 106

Approved for CEUs by: ABIH, ACAC, NAHBBPI

Celeste Flick
Earth Advantage Institute

This session will discuss implementing plans and policies that bring the community together to understand the economic, health and happiness benefits of an active built environment. It will discuss using certification as a community-planning tool aimed at residential developers and local planners to ensure sustainable, healthy and more livable neighborhoods. This presentation will provide a description of various third-party certification programs, including LEED for Neighborhood Development, Earth Advantage Community and others, and will highlight the various common elements that make for a healthier community.



TRACK 2: THE POWER OF POLICY

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Federal Healthy Homes Legislation and Policy
2A-1

Monday, 1-2:30pm
Room 108

Approved for CEUs by: ABIH, ACAC, NAHB

**Jane Malone, Amy McLean Salls,
Ruth Lindberg**
National Center for Healthy Housing

Melanie Hudson
Children's Health Forum

Patricia Adkins
Safe Kids Worldwide

This session will explore just a few of the current and recent efforts of the National Safe and Healthy Housing Coalition, such as the Partnerships Work Group that has been connecting with possible partners. These partners include congressional caucuses and national employer organizations that influence private insurers' coverage plans.

Homes, Schools and Kids: Connecting the Policy Dots to Get Children Active
2B-2

Monday, 3-4:00pm
Room 110

Approved for CEUs by: ABIH, ACAC, NAHB

Robert Ping
Safe Routes to School National Partnership

Christine Fischer
Children's Hospital of Colorado, Children's Health Advocacy Institute

This session will explore how advocates are using creative tactics to create community-centered schools near housing. Using school siting, joint use, and inclusionary zoning policies, advocates are creating walkable, diverse neighborhoods where children can walk and bicycle to school and other locations.

Local and State Housing Codes and Healthy Housing Policy
2B-02

Monday, 3-5:00pm
Room 113

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Doug Farquhar
National Conference of State Legislatures

Peter Hendrick
American Association of Radon Scientists and Technologists (AARST)

Jane Malone
National Center for Healthy Housing

This session will teach participants about approaches to, and differences between, local and state enactment and enforcement codes, and strategies for creating a national conversation about housing codes and improving the international model codes. In addition, this session will look at state and local policies related to healthy housing, the interests that promoted these policies and the results those policies produced. Finally, this session will address policy strategies for reducing exposure to radon in new/existing housing.



TRACK 2: THE POWER OF POLICY

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Doing No Harm: Policies that Prevent Exposure to Lead and Radon
2C-1

Monday, 4:15-5:15pm
Room 108

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Doug Farquhar, Scott Hendrick
National Conference of State Legislatures

Deborah Nagin
New York City Department of Health and Mental Hygiene, Lead Poisoning Prevention Program

Warren Friedman, Rachel Riley, Eugene Pinzer
U.S. Department of Housing and Urban Development, Office of Healthy Homes and Lead Hazard Control

This session will provide users of the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing with insights into HUD's intentions for revising it, and the consequences of its having done so. It will highlight the major components of a comprehensive childhood lead poisoning elimination plan, and the partnerships needed to implement it using examples from New York City's experience. The session will also explore how the radon testing model works to reduce health hazards across the United States.

Healthy Housing Case Studies: Moving Upstream to Transform Communities and the Detroit Healthy Homes Database
2C-2

Monday, 4:15-5:15pm
Room 110

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Lyke Thompson, Annalie Campos, Mark Sorbo
Center for Urban Studies, Wayne State University

Aisha Penson, Phylis Nichols, Branalyn Williams, Shannon Griffin-Blake
U.S. Centers for Disease Control and Prevention

This session will profile three community case studies, highlighting key successes and lessons learned when creating healthier neighborhoods and lifestyles for residents of all ages through population-based approaches, and the Detroit Healthy Homes database, which is used to facilitate primary prevention efforts among various city and state agencies, non-profits, and philanthropic organizations that work to reduce and eliminate unsafe and unhealthy housing.

The Healthy Homes Program Guidance Manual: A New Tool for Program Development Part 1
2C-04

Monday, 4:45-5:15pm
Room 711

Approved for CEUs by: ABIH, ACAC, NAHB

Amy Murphy
Healthy Housing Solutions, Inc.

The U.S. Department of Housing and Urban Development (HUD), Office of Healthy Homes and Lead Hazard Control has recently released the Healthy Homes Program Guidance Manual (Manual) to advance our nation's efforts towards creating and sustaining healthier and safer housing. This comprehensive new Manual is the first of its kind to provide practical guidance for successfully developing and implementing a healthy homes program in every community. The Manual reflects lessons learned and insights from diverse healthy homes programs and stakeholders in the healthy homes movement. It is based on proven approaches and techniques, and the findings of the most current research. The Manual is written for those interested in creating or expanding a healthy homes program. It highlights various program components such as effective partnering, program models, housing interventions, and program evaluation, all written in an easy-to-read format.



TRACK 2: THE POWER OF POLICY

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Smoke-Free Housing: Multi Family Housing Policy Strategies and Successes
2D-1

Tuesday, 1-2:30pm
Room 108

Approved for CEUs by: ABIH, ACAC, NAHB

Matthew Moore
Public Health Law & Policy

Warren Ortlund
Public Health Law Center, William Mitchell
College of Law

Diane Laughter
Health In Sight LLC for the Oregon
Smokefree Housing Project

Susan L. Morrison
State of New Hampshire Department of
Health and Human Services, Division of
Public Health Tobacco Prevention & Control

Marie Mulroy
Breathe New Hampshire

This session will explore the major trends in smoke-free housing and profile a case study from New Hampshire detailing the efforts of a smoke-free multi-family housing pilot project.

Beyond Delegation and Education: Local Leveraging of EPA Renovation, Remodeling and Painting Rule
2D-2

Tuesday, 1-2:30pm
Room 110

Approved for CEUs by: ABIH, ACAC,
NAHBBPI, NARI

Jane Malone
National Center for Healthy Housing

Doug Farquhar
National Conference of State Legislatures

Ralph Scott
Parents for Nontoxic Alternatives

Katrina Smith Korfmacher
Environmental Health Sciences Center

This session will summarize experiences, to date, by local governments and community groups; it will also focus on additional possibilities to 'leveraging' the EPA's Renovation, Repair and Painting (RRP) Rule at the local level.



TRACK 2: THE POWER OF POLICY

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Powerful Collaboration for Healthy Homes Policy Advocacy
2D-02

Tuesday, 1-2:30pm
Room 113

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Linda Kite
Healthy Homes Collaborative

Mari Lobos
Esperanza Community Housing Corporation

Carlos Aguilar
Coalition for Economic Survival

Amelia Fey-Berquist
Inner City Law Center

This session will describe the collaborative process used in Los Angeles, CA which resulted in SB460 and AB2861, statewide legislation requiring Lead Safe Work Practices. It will also discuss the current legislative process used to align state laws with the best aspects of the Renovation, Repair and Painting Rule and generate revenue and improve enforcement at the local level. The four panelists will discuss how the different stakeholders collaboratively achieved policy changes and the role of each stakeholder to inform policy advocacy needs and efforts.

Smoke-Free Housing: Changing the Landscape of America
2E-1

Tuesday, 3-4:00pm
Room 108

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Jim Bergman
Smoke-Free Environments Law Project

Tina Pettingill
Smoke-Free Housing - New England

This session will describe where and how smoke-free policies have been adopted throughout the U.S., particularly through community partnerships between health and housing professionals.

Implementation of the Renovation, Repair and Painting (RRP) Rule
2E-2

Tuesday, 3-4:00pm
Room 110

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Ronald Morony
U.S. Environmental Protection Agency

Richard Baker
Baker Environmental Consulting, Inc.

This session will focus on three key components of EPA's lead-based paint program: the 2008 Renovation, Repair, and Painting Rule (RRP); the lead test kits used by renovators under the RRP rule to identify lead-based paint in housing; and the National Lead Laboratory Accreditation Program (NLLAP).



TRACK 2: THE POWER OF POLICY

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

The Connection: Bringing Healthy Homes and Energy Efficiency Together
2E-02

Tuesday, 3-5:00pm
Room 113

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

TBD
U.S. Environmental Protection Agency
Bob Scott, Ameer Bishay, Rebecca Stewart
National Association for State Community Services Programs
Ellen Tohn
Tohn Environmental Strategies
Dana Nute
Belknap Merrimack Community Action

This session will describe the Department of Energy's Home Weatherization Program and the Vice President's Recovery through Retrofit Initiative, two examples of newly emphasized and funded policy initiatives at the federal level. This session will also provide an overview of the Weatherization Assistance Program, including its service delivery network, goals, metrics, and energy efficiency technologies. Lastly, this session will describe the innovative One Touch healthy homes approach, undertaken in New Hampshire to facilitate the coordinated delivery of local health, housing, and energy efficiency programs to increase actions to address housing-based health problems.

Improving Healthy Homes Programs through Board of Health Policy Development and Advocacy
2F-1

Tuesday, 4:15-5:15pm
Room 108

Approved for CEUs by: ABIH, ACAC, NAHB

Jeff Neistadt, Carrie Hribar
National Association of Local Boards of Health

This session will provide information about public health governance and the roles and responsibilities of boards of health. The session also contains strategies for including healthy homes principles into board policies and nuisance law regulations, and information for boards of health on advocating for healthy homes issues.

Bringing Healthy Food Home: Policy Strategies to Integrate Food Access into Housing
2F-2

Tuesday, 4:15-5:15pm
Room 110

Approved for CEUs by: ABIH, ACAC, NAHB

Heather Wooten
Public Health Law & Policy
Michael Furze
New Mexico Mortgage Finance Authority
Aaron Welch
Raimi + Associates

This session will explore how policy tools can be leveraged to incentivize the development of housing and increase access to healthy food. These tools include zoning, low-income housing tax credits, and green building standards. The session will explore best practices for each strategy and offer recommendations for how existing standards could be strengthened.



TRACK 2: THE POWER OF POLICY

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Overcoming Policy Barriers to Improve Health and Livability
2F-32

Tuesday, 4:15-5:15pm
Room 203

Approved for CEUs by: ABIH, ACAC, NAHB

Bryan Howard
U.S. Green Building Council

Sean Smith
Sean Smith and Company, LLC

Ryan McCaw
Metro West Housing Solutions

This session will provide case studies and strategies to increase public health and livability through public policy changes on the local and federal level. Additionally, there will be a discussion on efforts to provide consumers with more information about healthy green features in the Multiple Listing Service (MLS). Finally, this session will include a brief update on the development of the LEED family of rating systems.

The Healthy Homes Program Guidance Manual: A New Tool for Program Development Part 2
2F-51

Tuesday, 4:45-5:15pm
Room 601

Approved for CEUs by: ABIH, ACAC, NAHB

Amy Murphy
Healthy Housing Solutions, Inc.

The U.S. Department of Housing and Urban Development (HUD), Office of Healthy Homes and Lead Hazard Control has recently released the Healthy Homes Program Guidance Manual (Manual) to advance our nation's efforts towards creating and sustaining healthier and safer housing. This comprehensive new Manual is the first of its kind to provide practical guidance for successfully developing and implementing a healthy homes program in every community. The Manual reflects lessons learned and insights from diverse healthy homes programs and stakeholders in the healthy homes movement. It is based on proven approaches and techniques, and the findings of the most current research. The Manual is written for those interested in creating or expanding a healthy homes program. It highlights various program components such as effective partnering, program models, housing interventions, and program evaluation, all written in an easy-to-read format.

Smoke-Free Housing and Green Building Programs
2G-2

Wednesday, 1:30-3:00pm
Room 110

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Samantha Harrykisson
U.S. Centers for Disease Control and Prevention

Karen Blumenfeld
Global Advisors on Smokefree Policy (GASP)

This session will discuss how property owners and developers can be awarded more points in their federal grant and private loan applications by having a 100% smoke-free policy and describe how smoke-free policies reduce unit turnover and maintenance costs for property owners and management. This session will also highlight the changes that have occurred in the past decade in smoke-free housing and the development of CDC's Healthy Homes Manual that addresses smoke-free policies in multi-unit housing.



TRACK 2: THE POWER OF POLICY

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Home Inspectors Identify Health and Safety Issues in the Home
2H-2

Wednesday, 4:30-5:30pm
Room 110

Approved for CEUs by: ABIH, ACAC, NAHB

David Tamny
Professional Property Inspection

This session will discuss opportunities home inspectors currently have to make homes healthier and opportunities for expanding health and safety standards and protocols into the home inspection field. Currently there is no national health and safety code designed to address environmental as well as building safety minimum standards for residential dwelling units. This session will demonstrate the value in expanding the scope of the certified home inspector in partnering with home buyers, homeowners and those public agencies that are tasked with providing safe and healthy homes.

New Federal Radon Action Plan: What it Means and What's Next
2H-03

Wednesday, 4:30-5:30pm
Room 709

Approved for CEUs by: ABIH, ACAC, NAHB

Peter Hendrick, Carolyn Allen
American Association of Radon Scientists and Technologies

Janice Nolen
American Lung Association

This session will unveil the new federal radon action plan to ramp up radon risk reduction in the housing the federal government owns and influences, particularly among low-income populations. Attendees will learn beforehand about the plan and discuss ways the NGO community can bolster the federal efforts to reduce this critical public health risk.



TRACK 3: HOUSE CALLS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Conducting a Residential Environmental Health Assessment
3A-2

Monday, 1-2:30pm
Room 203

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Kevin Kennedy
Children's Mercy Hospitals and Clinics
Ryan Allenbrand
Environmental Health Program

This session will provide participants with a better understanding of how to conduct a residential environmental assessment and will outline the main residential environmental factors that can contribute to poor health outcomes for occupants. The session will also outline three methods for assessing these factors.

Developing, Supporting, and Sustaining Healthy Homes Part 1
3A-22

Monday, 1-2:30pm
Room 110

Approved for CEUs by: ABIH, ACAC, NAHB

Stacey Chacker, Eileen Gunn
Asthma Regional Council (ARC) of New England/Health Resources in Action
Laurie Stillman
Health Resources in Action

This session will provide participants with long-term strategies for financing and delivering healthy homes programs through health care, employer and governmental sectors and will discuss how these strategies intersect with national and state health reform efforts. The session also will focus on the opportunities and challenges of working with these sectors in promoting and financing healthier housing. Specifically, the session will provide participants with approaches that can be used to work with public and private health payers such as Medicaid and commercial insurance to cover healthy housing interventions. Finally, the session will present participants with different strategic planning approaches for promoting integrated healthy homes programs.

Creating Successful Healthy Homes Programs
3A-02

Monday, 1-2:30pm
Room 113

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Richard Gaeta
City of Milwaukee Health Department
Deborah Nagin
New York City Department of Health and Mental Hygiene, Lead Poisoning Prevention Program
Jamie Mack, William Leitzinger
Delaware Division of Public Health

This session will discuss the elements needed to build a successful, sustainable healthy homes program. Presenters will illustrate real-world examples through their experiences implementing healthy homes programs in their respective communities



TRACK 3: HOUSE CALLS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

**Understanding Indoor Air:
How the System Works**
3A-1

Monday, 1-2:30pm
Room 201

Approved for CEUs by: ABIH, ACAC,
NAHBBPI, NARI

Carl Grimes
Healthy Habitats LLC

This session will provide participants with an interactive learning experience about how to evaluate air quality and its components through the home assessment process.

Radon: a Global Perspective
3B-1

Monday, 3-4:00pm
Room 201

Approved for CEUs by: ABIH, ACAC,
NAHB, NARI

William J Angell
Midwest Universities Radon Consortium
(MURC), University of Minnesota

This session will focus on the practical implications of the World Health Organization's (WHO) radon recommendations for the healthy homes community. This will include a summary of key risk assessment findings, a critical comparison of U.S., Canadian, and other national programs, cost effectiveness of various radon mitigation options including innovative approaches, and global efforts to implement WHO's recommendations since release of the WHO Handbook.

**Empowering Tenants through Promotoras,
Tenant Organizations, and Legal Counsel**
3B-2

Monday, 3-4:00pm
Room 203

Approved for CEUs by: ABIH, ACAC,
NAHB, NARI

Javier Beltran, Patricia Gurrola
Inner City Law Center
Gabriela Gonzalez
Esperanza Community Housing Corporation
Roberto Bustillo
Strategic Action For A Just Economy
Jorge Villanueva
Healthy Homes Collaborative

This session will provide participants with an overview of various community-level models that can be implemented to improve housing conditions for tenants. Models to be discussed during this session include Community Health Promotion, Tenant Organizing and Legal Advocacy. Participants will be shown how collaboration of these three models can create opportunities for drastic changes in tenants' living conditions through improved quality of life and healthier homes for tenants.

Protecting the Community from Radon Exposure
3C-1

Monday, 4:15-5:15pm
Room 201

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

TBD
U.S. Environmental Protection Agency
Chrystine Kelley
Colorado Department of Public Health
and Environment

This session will provide participants with information for both homeowners and home building professionals on how to protect a home from radon risk factors and will describe the role air quality professionals can play in helping to reduce the health risks associated with radon in their communities.



TRACK 3: HOUSE CALLS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

High Risk Housing: Identification and Implementation
3C-2

Monday, 4:15-5:15pm
Room 203

Approved for CEUs by: ABIH, ACAC, NAHB

Amanda Reddy, Thomas Carroll, Marta Gomez
New York State Department of Health,
Center for Environmental Health

This session will equip participants with a comprehensive framework to design, implement, sustain, and evaluate a multi-site healthy homes program. This session will present the structure, vision and funding of the Healthy Neighborhoods Program (HNP) in New York State, findings from the evaluation of this program, and two approaches for recruiting and delivering healthy homes services to residents with asthma.

Developing, Supporting, and Sustaining Healthy Homes Part 2
3D-1

Tuesday, 1-2:30pm
Room 201

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

David Turcotte, Joann Vaillette
University of Massachusetts Lowell

Eugene Barros
Boston Public Health Commission

Carla Caraballo
Lowell Community Health Center

Jorge Villanueva
Healthy Homes Collaborative

This session will further discuss considerations and strategies for building a successful and sustainable healthy homes initiative. This session will provide participants with strategies for developing and implementing new models to promote sustainable healthy homes housing programs and policies.

Understanding Indoor Air: Venting, Combustion, Filtration
3D-2

Tuesday, 1-2:30pm
Room 203

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Corbett Lunsford
Green Dream Group

Brian Coble
Advanced Energy

James Sublett
University of Louisville

This session will explore best practices in ensuring indoor air quality and will provide participants an understanding of issues pertaining to ventilation, filtration, and combustion.



TRACK 3: HOUSE CALLS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Healthy Homes Education: Local to Institutional
3E-01

Tuesday, 3:00-5:00pm
Room 111

Approved for CEUs by: ABIH, ACAC, NAHB

Barbara Polivka
The Ohio State University College of Nursing

Susan Aceti
National Center for Healthy Housing

Amy MacDonald
University of North Carolina Institute for
the Environment, NC CLPPP

Magaly Angeloni
Rhode Island Department of Health

This session will describe strategies used to educate different audiences, including housing professionals, health care professionals, and vulnerable/at-risk populations about issues related to healthy homes.

Transitioning from a Lead Focus to Healthy Homes Part 1
3E-1

Tuesday, 3-4:00pm
Room 201

Approved for CEUs by: ABIH, ACAC, NAHB

Frederick J. (Rick) Morrissey
Westchester County Department of Health

Deborah Nagin
New York City Department of Health
and Mental Hygiene, Lead Poisoning
Prevention Program

This session will describe the strategic planning and implementation processes used by different programs to develop and implement comprehensive housing interventions that will positively affect health outcomes related to the indoor home environment.

Old Home, Healthy Home
3E-2

Tuesday, 3-4:00pm
Room 203

Approved for CEUs by: ABIH, ACAC,
NAHBBPI, NARI

Bill Lucas-Brown, Grant Swanson
GB3 Energy Solutions

This session will provide perspective on what it takes to retrofit older homes. This will include what to look for when retrofitting a home, how to prioritize and fix common problems, and how to “do no harm” in the process.

Transitioning from a Lead Focus to Healthy Homes Part 2
3F-1

Tuesday, 4:15-5:15pm
Room 201

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Robert Himmelsbach
Philadelphia Department of Public Health

Faye Ralston
Middle Tennessee State University

Sue Gunderson
CLEARCorps/USA

This session will describe the strategic planning and implementation processes used by different programs to develop and implement comprehensive housing interventions that will positively affect health outcomes related to the indoor environment.



TRACK 3: HOUSE CALLS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Healthy Homes in Indian Country
3F-04

Tuesday, 4:15-5:15pm
Room 711

Approved for CEUs by: ABIH, ACAC, NAHB

Barbara Allen
Montana State University Extension

This presentation will focus on the unique challenges and opportunities for healthy housing among the 562 federally-recognized Indian Nations in the United States. Along with unique healthy housing challenges, this presentation will describe the unique economic development opportunities in Indian country ranging from single family, multi family to supportive housing units (housing services) that promote healthy homes.

Healthy Homes in Alaska Native and American Indian Communities
3G-1

Wednesday, 1:30-3:00pm
Room 201

Approved for CEUs by: ABIH, ACAC, NAHB

McGregor Pearce
American Lung Association of Minnesota

Margo Young
U.S. Environmental Protection Agency

David Vought
U.S. Department of Housing & Urban Development

This session will provide participants with an understanding of healthy homes in the context of Native American communities. Focusing on the health impacts facing Native American communities and reservations with regard to housing conditions, this session will also demonstrate the importance of constructing culturally sensitive messages and programs to ensure knowledge transfer across cultures. Finally, this session will identify ways to develop multi-level partnerships to leverage resources for a sustainable Healthy Homes program in a Native American community.

Getting the Biggest Bang from Your Healthy Homes Buck
3G-2

Wednesday, 1:30-3:00pm
Room 203

Approved for CEUs by: ABIH, ACAC, NAHB

Catherine Bullwinkle
Oneida County Health Department

This session will demonstrate how to develop successful public health initiatives that support healthy housing development to ensure that resource allocation yields the best outcomes for a community housing initiative.

Home Environmental Assessments: Tools for Physicians
3G-21

Wednesday, 1:30-3:00pm
Room 108

Approved for CEUs by: ABIH, ACAC, NAHB

Kevin Kennedy, Jay Portnoy
Children's Mercy Hospitals and Clinics

James Sublett
University of Louisville

Carl Grimes
Healthy Habitats LLC

This session will include two physicians and two environmental professionals who will describe the different aspects of the Residential Environmental Health Assessment process and how health professionals can work effectively with building professionals to formulate a hypothesis for guiding the assessment process. The panel will discuss when a home assessment is appropriate, how to identify a qualified home assessment professional, and what should be included in the assessment and the assessment report.



TRACK 3: HOUSE CALLS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Community Health Workers' Roles in Healthy Homes
3H-1

Wednesday, 4:30-5:30pm
Room 201

Approved for CEUs by: ABIH, ACAC, NAHB

Shannon Steinbauer
Kansas Healthy Homes and Lead Hazard Prevention Program

This session will describe the role community health workers (CHWs) can play in healthy homes programs, and the potential CHW have for affecting positive changes in health outcomes in high risk communities.

Clean, Green and Healthy Homes
3H-2

Wednesday, 4:30-5:30pm
Room 203

Approved for CEUs by: ABIH, ACAC, NAHB

Jennifer Schwab
Sierra Club

This session will educate participants on how to deliver the message that healthy homes are attainable for everyone. The session discuss will the green spectrum, from "light" to "dark green," where your target audience may be on this spectrum, and how to design a message with content applicable for everyone' s level of "green". This session will also will discuss reaching the mass market, recommended website for educators and contractors, how to tap into rebates and tax incentives, and how to attract new audiences to the green movement.

Carbon Monoxide Poisoning Awareness and Prevention
3H-81

Wednesday, 4:30-5:30pm
Room 708

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Scott Damon, Shahed Iqbal, Shubhayu Saha, Tegan Boehmer
U.S. Centers for Disease Control and Prevention

Jacquelyn Clower
Cazador, Contractor to U.S. Centers for Disease Control and Prevention

This session will describe the fundamental issues associated with carbon monoxide as a public health concern, as well the role of public practitioners in promoting awareness of carbon monoxide poisoning prevention.



TRACK 4: HEALTHY BY DESIGN

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Designing Culturally Conscious Sustainable Tribal Housing
4A-1

Monday, 1-2:30pm
Room 205

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Michelle Baker
US Environmental Protection Agency

David Edmunds
Pinoleville Pomo Nation

Ryan Shelby
University of California, Berkeley

David Eisenberg
Development Center for Appropriate Technology

This session will showcase the unique design process of a Pinoleville Pomo Nation housing project. The project shows how integrating cultural values and a sense of place into the design process is an effective and meaningful approach to healthy green building. The panel will highlight how social and cultural criteria are as important as science and technological advancements for achieving sustainable living.

Can We Live Healthy/Green without Addressing Radon?
4B-1

Monday, 3-4:00pm
Room 205

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Trudy Y. Smith
Spruce Environmental Technologies, Inc.

This session will discuss the role radon plays in our losing battle against lung cancer. Radon is the number 1 environmental killer; half a million people have died unnecessarily since the 1980's. Living green and healthy requires reducing radon levels as low as possible. The incidence of lung cancer in the US will not be reduced without designing and properly installing effective radon protection in every building across the nation. This session will describe how to properly install radon reduction systems in new construction. Installation in accordance with the green and energy conservation standards and guidelines provide effective and economical control of the lung cancer risk of radon gas in the American home. The session will describe the bonus benefit of moisture reduction from a well-designed and installed system.

Historical Persistence of Unhealthy Homes
4B-2

Monday, 3-4:00pm
Room 207

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Carl Grimes
Healthy Habitats LLC

This session will explore how housing and health have improved dramatically throughout history, and the problems and characteristics which stubbornly persist. This brief historical review also identifies key obstacles to healthier homes. Accepted and widely used methodologies are persistently misapplied to the analysis of health and housing and which mistakenly excludes the singularly fundamental component of homes. A brief history of the shift from living in natural environments to the built environment can increase our appreciation and motivation for improving design, construction, recognition, and maintenance of healthy homes.



TRACK 4: HEALTHY BY DESIGN

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Promoting Health and Safety through Universal Design
4C-1

Monday, 4:15-5:15pm
Room 205

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Jon Sanford
College of Architecture, Georgia Tech

Amy Levner, Rodney Harrell
AARP

Richard Duncan
Mace Universal Design Institute

This session will discuss the benefits of universal design (UD) in housing in promoting health and safety of all individuals, as well as the barriers to adoption of standards. This session will also describe the efforts of the Universal Design Housing Coalition (UDHC) to overcome these barriers, including presenting draft standards for UD in housing, reviewing the proposed processes for vetting and approving those standards, and the proposed program for certification of UD specialists and housing projects.

Housing Design for Autism
4C-2

Monday, 4:15-5:15pm
Room 207

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Kimberly Steele
Arizona State University, School of Architecture & Landscape Architecture

Sherry Ahrentzen
Arizona State University, Stardust Center

This session will discuss design guidelines and recommendations for appropriate materials and finishes to use in the design of housing for persons with autism. Adults with autism are becoming more visible in our communities. Because of growing advocacy for community-living options for adults with neurobiological/cognitive conditions and because of the aging of their parents in whose homes they typically live, many are seeking to live outside traditional institutions and the parental home. Demand for homes and housing for adults with autism is projected to increase significantly in coming years. This session will present architects, builders, and housing providers with research based graphic examples to use as they are being called upon to plan, design, renovate and develop homes and residential developments that best fit the needs and aspirations of this new housing consumer.



TRACK 4: HEALTHY BY DESIGN

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Doing Good and Building Better Green and Healthy Homes
4A-2

Monday, 1-2:30pm
Room 207

Approved for CEUs by: ABIH, ACAC, NAHBBPI

Jaslyn Dobrahner
U.S. Environmental Protection Agency

Mike Haigh
Dallas Area Habitat for Humanity

Christina Bollo
SMR Architects

This session will use examples from two successful affordable housing developments using innovative green and healthy designs and present an EPA perspective on Green and Healthy Homes. Through a highly collaborative relationship between owner, architect, engineers, contractor and government agencies, Kenyon House, an apartment building for homeless men and women with HIV/AIDS was designed and built for LEED Platinum and Universal Design. This session will explain the process the project team utilized to create a healthy building for both the residents and the environment. This session will also offer an EPA perspective on best practices and techniques to enhance the healthiness of green homes as well as an overview of free EPA tools. Recent advances in the markets for green construction materials, products, and techniques offer today's home builders, owners and renovators a wider range of greener options than ever before. Utilizing these techniques and products to construct a green home can increase the home's energy and water efficiency, reduce its carbon footprint and operating costs, and make it a healthier place in which to live. However, not everything advertised as "green" succeeds in meeting these goals, particularly in the area of health.

Home Performance Laborer Apprenticeship: Developing Craftsman for Healthy Housing
4C-03

Monday, 4:15-5:15pm
Room 709

Approved for CEUs by: ABIH, ACAC, NAHBBPI

Jim Urtz, Gary Gustafson
LIUNA Training and Education Fund

The presentation will focus on the positive outcomes for the home owner, the environment, and the workers from the Home performance labor apprenticeship program. A skilled and educated workforce is essential to ensure the future of sustainable home building. It promotes both resource conservation and public health. Trained and certified workers possess practical skills and technical knowledge of green building concepts. Apprenticeship programs are a proven method of providing quality workforce training through a combination of classroom learning and job experience. This workshop will present the model used by the Laborer's International Union of North America (LIUNA) to prepare new workers for jobs in the emerging market for safe, energy efficient homes.



TRACK 4: HEALTHY BY DESIGN

SESSION NAME • DAY • TIME • ROOM • CEUs	PRESENTER(S)	PURPOSE OR GOAL
<p>Getting Residential Ventilation Right 4C-01</p> <p>Monday, 5:00-5:30pm Room 111</p> <p>Approved for CEUs by: ABIH, ACAC, NAHB, NARI</p>	<p>Maureen Mahle Steven Winter Associates, Inc.</p>	<p>This session will explore ASHRAE 62.1 and 62.2 standards for ventilation and improved air quality as they apply to residential buildings, and present workable design and construction strategies for meeting ventilation requirements while preserving energy efficiency. Good, better, and best strategies will be presented for a variety of building types, including single and multi-family buildings.</p>
<p>Healthy Housing for Seniors 4D-01</p> <p>Tuesday, 1-2:30pm Room 205</p> <p>Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI</p>	<p>Sherry Ahrentzen, Ernesto Fonseca, Elif Tural, James Erickson Arizona State University, Stardust Center</p> <p>Matthew Fraser Arizona State University, School of Sustainability</p> <p>Kim Shea Arizona State University, School of Health Care and Nursing Innovation Stardust Center, Arizona State University</p>	<p>This session will focus on three segments of housing design for seniors. First, it will discuss impacts of indoor environmental quality (IEQ) factors (temperature/humidity, particulate matter, aldehydes) on seniors' health, and in relation to present indoor environmental standards and thresholds. Second, the session will present housing and community design factors that foster or hinder health and active aging conditions. Third, it will address assistive technologies that enhance home health care and support for seniors. For each segment, an analysis of research to date, residential examples, and recommendations will be provided.</p>
<p>Developing Brownfields 4D-2</p> <p>Tuesday, 1-2:30pm Room 207</p> <p>Approved for CEUs by: ABIH, ACAC, NAHB, NARI</p>	<p>Gabriel Cross New Axiom, LLC</p> <p>Charlie Bartsch U.S. Environmental Protection Agency</p> <p>Eugene Goldfarb University of Illinois at Chicago</p>	<p>This session will give participants the tools required to take advantage of the opportunities presented by brownfield sites in their communities. Brownfields are thought of as land with no future. Past use has left them contaminated, not fit for healthy human occupancy. However, the 'greenest' building is one that is already there, the greenest site is one that is already developed. Brownfields pose a difficult challenge, but there is help. Federal, state, and local programs are in place to help identify, fund and support the remediation of these sites. New insurance products and fixed rate services have sprung up in the private sector to help mitigate risk and improve economic viability. By learning to navigate the incentives and understand the risks, developers and builders can tackle the remediation of brownfields in our cities and towns one site at a time.</p>



TRACK 4: HEALTHY BY DESIGN

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

How to Maximize Indoor Environmental Quality, Using the National Green Building Standard
4E-1

Tuesday, 3-4:00pm
Room 205

Approved for CEUs by: ABIH, ACAC, NAHBBPI

Michelle Desiderio, John Peavey
National Association of Home Builders
(NAHB) Research Center

This session will discuss how to maximize Indoor Environmental Quality (IEQ) using the National Green Building Standard (NGBS). Examples will demonstrate accruing additional points for IEQ to achieve various NGBS ratings. Findings will be presented from HUD-sponsored research that highlights the minor incremental costs to address IEQ in the overall context of green building.

Partnering to Build Healthy Communities
4E-2

Tuesday, 3-4:00pm
Room 207

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Jennifer Schaefer
Habitat for Humanity Metro Denver

Yianice Hernandez
Enterprise Community Partners, Inc.

This session will present information on the neighborhood context, housing design and construction methods used on the project level and discuss the intended health and safety benefits to the homeowners who live there. In addition, the session will cover the significance of access to light rail and other public transportation as well as easy access to neighborhood amenities as a mechanism for improved health and elements that encourage physical activity. It will also cover the process for applying to Enterprise for Green Communities Certification, as well as similarities and differences with other green projects.

Healthy Indoor Air Quality by Design
4F-1

Tuesday, 4:15-5:15pm
Room 205

Approved for CEUs by: ABIH, ACAC,
NAHBBPI, NARI

Michelle Roberts
Owens Corning

Paul Bates
GREENGUARD Environmental Institute

This session will communicate the importance of indoor air quality (IAQ) and empower architects, designers and specifiers to employ strategies to improve the IAQ in the spaces they are creating. The session will provide background on the impact of indoor air pollution on human health and economics. This session will also emphasize how participants can incorporate good IAQ principles into sustainable design.



TRACK 4: HEALTHY BY DESIGN

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

**WaterSense® Labeled New Homes:
Save Water. Save Energy. Save Money.**
4F-2

Tuesday, 4:15-5:15pm
Room 207

Approved for CEUs by: ABIH, ACAC,
NAHBBPI, NARI

Alicia Marrs
U.S. Environmental Protection Agency

This session will focus on the U.S. Environmental Protection Agency's (EPA) WaterSense® program. As the U.S. population grows, demand on water resources increases even faster. Access to clean, safe water is critical to individual well being and health of communities, but strains on local water supplies are making it more difficult to protect this precious natural resource and save water for future generations. The session will discuss the 2009 WaterSense® Single-Family New Home Specification, its inspection procedures, and how the program can work with the National Green Building Standard TM, LEED® for Homes, and other regional green building and healthy home programs.

**Healthy Homes: Addressing Chemical
Sensitivities with Research, Design and Testing**
4E-52

Tuesday, 3-4:30pm
Room 603

Approved for CEUs by: ABIH, ACAC, NAHB

Annette K. Stelmack
Inspirit LLC
Sarah Broughton
Rowland+Broughton

This session will focus on the strategies used to design, research, document and implement a major home renovation in Colorado. The project team will demonstrate how manufacturer product information critical for health and environmental data was vetted in building a healthy home. Learn firsthand how a healthy home can support your clients' health, identifying specific tactics that enhance the indoor environmental and air quality.

Incorporating Feng Shui in Affordable Housing
4H-01

Wednesday, 4:30-5:30pm
Room 111

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Kevin Walters
Practical Feng Shui
T K Somanath
Better Housing Coalition

This session will present concepts which will broaden the participants' perception of design. The essence of the Chinese art of feng shui is the understanding and management of subtle earth energies through the intentional selection or arrangement of physical form, both natural and man-made. The presentation will provide a brief history and examination of the elements of feng shui that are relevant in an urban design setting. A case study of a community that is being created from an abandoned lumber millwork operation will be presented. The Beckstoffer community is in the early stages of development, and will include adaptive re-use of historic buildings as well as new construction. Attendees will learn how to recognize issues of physical form that could block the potential of the residents, as well as appropriate mitigation techniques. Many elements of good design are also characteristic of the supportive energy that is the essence of feng shui.



TRACK 4: HEALTHY BY DESIGN

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Is it Green or Just Part of the Hype?
4H-02

Wednesday, 4:30-5:30pm
Room 113

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

**Shirley Niemeyer, Lorene Bartos,
Carroll Welte**
University of Nebraska-Lincoln

This session will provide clarity to consumers who are confused about products promoted as healthy and green, including cleaning products. Participants will gain abilities and resources to apply in their sphere of influence. The presentation focuses on identifying and understanding the issues surrounding "green living" and "green" including definitions, measures, and myths. The multiple definitions and use of "green" confuses consumers whether they are searching for ways to live healthier lives, create less environmental impact or choose healthier products. From housing and environment to products and processes, professionals need to be equipped with research-based information and product criteria. Twenty third-party certification programs will be discussed. This foundation will better equip professionals in addressing health and environmental issues within the context of evaluating "green" claims and healthy green products and materials.

**From Isolation to Integration:
Strategies for Mixed Ability Users**
4H-1

Wednesday, 4:30-5:30pm
Room 205

Approved for CEUs by: ABIH, ACAC, NAHB

Shelley Kawamura
Institute for the Built Environment

This session will discuss how the built environment has the ability to either isolate or integrate populations, especially those that are underserved, economically disadvantaged or have mobility challenges. A growing body of research suggests that social isolation and unhealthy environmental conditions may result in decreased physical and mental health, poor quality of living and shorter life expectancy rates. This presentation will highlight development trends over the past 100+ years and will provide examples of successful developments and design strategies that help to integrate people of all abilities and ages and increase their quality of life and health status. These strategies will be discussed relative to their potential for reducing resource use, environmentally damaging chemicals and mitigating carbon emissions and climate change.



TRACK 4: HEALTHY BY DESIGN

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Debunking the “Un-healthy” Myth of Factory Built Housing and Its Use as a Superior Healthy Building Alternative

4H-2

Wednesday, 4:30-5:30pm
Room 207

Approved for CEUs by: ABIH, ACAC, NAHB

Michelle Roberts

Owens Corning

Rick Terry

Pennsylvania College of Technology

This session will educate architects, specifiers, and developers on utilizing modular building systems and the role of those systems in green and sustainable design and construction. The session will describe the history and present position of modular construction within the building industry, as well as conveying the benefits of sustainable modular construction during the planning phase as a “desired” building opportunity alternative to traditional on-site construction. The advantages of the health, safety and welfare features used by modular building systems in 50 to 50 projects, and the challenges and opportunities of using modular building systems ideal for sustainable construction will be presented.



TRACK 5: HEALTHY GREEN

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

What We Know About Health Impacts of Energy Upgrades: Current Research
5A-01

Monday, 1-2:30pm
Room 111

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Sarah Widder
Pacific Northwest National Laboratory

Bruce Tonn
Oak Ridge National Laboratory

Jennifer Logue
Lawrence Berkeley National Laboratory

This session will provide insight into the current research on health impacts related to indoor air quality and energy retrofits in existing homes. Each of the studies presented in this session will provide a unique perspective on the integration of energy upgrades and health, including collaboration between programs, analysis of existing technologies, and design of effective mitigation systems. A 30-minute panel discussion on the issues will follow the presentations.

Green & Healthy Homes Initiative (GHHI) Overview & Tutorial
5A-1

Monday, 1-2:30pm
Room 601

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Ruth Ann Norton
The National Coalition to End Childhood Lead Poisoning

This session will provide a general overview of the Green and Healthy Homes Initiative (GHHI) and highlight key innovative elements behind this service delivery model currently underway in 15 pilot sites. This session will also highlight inefficiencies in current assessment coordination, emphasizing the need for and benefits of a holistic housing intervention model to address housing-related health, safety, and energy efficiency issues in older, low-income neighborhoods.

Making Health and Safety Standard Practice: Health & IAQ Protocols for Residential Energy Retrofits and Upgrades
5A-2

Monday, 1-2:30pm
Room 603

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Eric Werling
U.S. Environmental Protection Agency

Ellen Tohn
Tohn Environmental Strategies

This session will discuss opportunities energy auditors, home inspectors, and contractors have to make homes healthier. It will also include a review of recently developed EPA guidance that provides simple assessment protocols and low-cost strategies for addressing health and indoor air quality (IAQ) concerns during residential energy retrofit and upgrade activities. Finally, the session will include a discussion of opportunities for expanding health and safety standards into both the energy efficiency sector and the home inspection field.

Green & Healthy Homes Initiative (GHHI) Assessment Tool
5B-1

Monday, 3:00-4:00pm
Room 601

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Wesley Stewart, Hector Moreno
The National Coalition to End Childhood Lead Poisoning

Ken Strong
Baltimore City Housing Department

This session will provide an overview of the Green and Healthy Homes Initiative (GHHI) Comprehensive Assessment Tool (CAT), a handheld, software-based assessment that can be performed by any housing inspector to enable quick triage and cross-referrals. Local governments, tribes, non-government organizations, and federal and state government agencies servicing low income families with housing-related health, safety, and energy efficiency issues will learn more about the development, use, and benefits of the GHHI CAT.



TRACK 5: HEALTHY GREEN

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Who is Doing Healthy Weatherization and How?
5B-2

Monday, 3-4:00pm
Room 603

Approved for CEUs by: ABIH, ACAC,
NAHBBPI, NARI

Shelley Kawamura
Institute for the Built Environment

Jenae Bjelland, Lynne Page Snyder
National Association for State Community
Services Programs

This session will highlight the needs of current weatherization programs and their attempts to integrate healthy homes standards into practice. First, it will provide an overview of the potential health impacts related to remodeling and weatherization programs, then discuss approaches and resources for integrating healthy homes practices, and finally, describe an online inventory tool containing healthy housing-related practices and collaborations as related to the Weatherization Assistance Program at the state, tribal, and local levels.

**Green & Healthy Homes Market
Research Results**
5B-03

Monday, 3-4:30pm
Room 709

Approved for CEUs by: ABIH, ACAC,
NAHBBPI, NARI

Stephanie Bailenson
National Academy of Public Administration

Matt Ammon
U.S. Department of Housing and Urban
Development, Office of Healthy Homes
and Lead Hazard Control

Ruth Ann Norton, Michael McKnight
The National Coalition to End Childhood
Lead Poisoning

Denise Fairchild
Emerald Cities Collaborative

Monica Wang, Sophia Qiu
Harvard School of Public Health

This session will present the results of three efforts to investigate the actual and perceived barriers to integrating green and healthy housing interventions into weatherization and energy efficiency upgrade programs. Results include examinations of the current state of housing and weatherization.

**Radon Mitigation in Existing Homes:
Proven and Innovative**
5C-2

Monday, 4:15-5:15pm
Room 603

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

William Angell
Midwest Universities Radon Consortium
(MURC), University of Minnesota

This session will provide innovative alternatives to active soil depressurization (ASD) approaches to radon mitigation. This discussion will focus on the available research and other evidence concerning cost-effectiveness of non-ASD radon mitigation approaches targeted to low-income areas.



TRACK 5: HEALTHY GREEN

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

DOE Weatherization Assistance Program Health and Safety
5H-1

Monday, 4:30-5:30pm
Room 601

CEU: ABIH, ACAC, NAHB

Ryan Middleton
U.S. Department of Energy

DOE issued revised Health and Safety Guidance WPN 11-6 in response to concerns with clarity and consistency in how health and safety issues are approached by grantees. The guidance addresses Action/Allowability, Testing, Client Education, and Training for health and safety issues found during Weatherization. DOE reconvened its Health and Safety Committee to review trends and practices of the Weatherization network for this update. The guidance expanded to include several new health and safety topics, while reframing program limitations around “energy related” health and safety, with minor changes and clarifications, into a comprehensive user-friendly table. This session will outline the guidance and offer discussion around the abilities of the Weatherization Assistance Program to address certain health and safety issues and what may be done if the solution cannot be addressed with DOE funding.

Weatherization & Health: The Devils Are in the Details
5D-1

Tuesday, 1-2:30pm
Room 601

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Randall Olsen
Oregon Housing and Community Services

Arnie Katz
Advanced Energy

Ellen Tohn
Tohn Environmental Strategies

This session will address the primary health and safety issues related to weatherizing homes and discuss how those dangers can be avoided during the course of work on homes. One perspective will demonstrate a process through which decision-makers can translate health-related policy goals into proper field-verified construction details while another perspective will focus on how to minimize health impacts during weatherization using pressure balancing as a specific part of a weatherization strategy.

Lead Program Expert Panel: RRP Rule and Updates from the Field
5D-2

Tuesday, 1-2:30pm
Room 603

Approved for CEUs by: ABIH, ACAC, NAHBBPI

Nancy Clark
New York City Department of Health and Mental Hygiene, Bureau of Environmental Disease Prevention

Judy L. Jarrell, William G. Menrath
University of Cincinnati

Gregory Runevitch, Jamie Marshall
Corporation for Ohio Appalachian Development and Ohio Lead Abatement Center

Scott Alquist
Truckee Meadows Community College

This session will provide background on the Renovation, Repair, and Painting (RRP) rule, with a specific focus on training those in the field in lead-safe work practices. This session comprises four different perspectives on strategies to achieve compliance with the RRP rule and includes a panel discussion on key updates from the field of lead-safe renovation.



TRACK 5: HEALTHY GREEN

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Lessons Learned from Integration of Healthy Homes into Energy Conservation Programs
5D-03

Tuesday, 1-2:30pm
Room 709

Approved for CEUs by: ABIH, ACAC, NAHBBPI

Yianice Hernandez
Enterprise Community Partners, Inc

Jill Breyse
National Center for Healthy Housing

Cheryn Engebrecht
National Renewable Energy Laboratory

This session will examine the positive and negative effects of energy efficiency upgrades on human health and some of the challenges facing energy programs attempting to integrate standard health practices into their programs. This session will include an overview of creative approaches to financing building performance and health improvements within the energy efficiency industry.

Healthy Homes: The Delicate Balance Between Energy Efficiency and Good Indoor Air Quality
5E-04

Tuesday, 3-4:00pm
Room 711

Approved for CEUs by: ABIH, ACAC, NAHBBPI

Marilyn Black
GREENGUARD Environmental Institute

The continued growth in asthma, allergies, and neurological diseases coupled with the fact people spend over 70% of their time in their homes, raise concerns and calls for proactive steps in reducing indoor pollutant exposure. This session will focus on common material sources of indoor pollution and steps that can be taken during construction, design, and occupancy of homes to achieve healthier environments.

Addressing Indoor Air Quality in Multifamily Buildings
5E-1

Tuesday, 3-4:30pm
Room 601

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

William Angell
Midwest Universities Radon Consortium (MURC), University of Minnesota

Theodore Toon
U.S. Department of Housing and Urban Development, Office of Affordable Housing

Many housing programs have failed to address health risks to low-income households and others living in multi-family dwellings. This session presents approaches and case studies by the U.S. Department of Housing and Urban Development (HUD) Office of Affordable Housing Preservation and the American Association of Radon Scientists and Technologists (AARST) Standards Consortium, that are aimed at filling this data gap and providing guidance on indoor air quality assessment and mitigation in multi-family buildings.



TRACK 5: HEALTHY GREEN

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Infrared Thermography: Brilliant but Dangerous
5F-2

Tuesday, 4:45-5:15pm
Room 603

Approved for CEUs by: ABIH, ACAC, NAHB

Corbett Lunsford
Green Dream Group

This session will discuss the energy auditor's "coolest" accessory: the infrared camera. With an emphasis on what infrared thermography does, how it can make the energy auditor's work easier and faster, and when to ignore it, this session will cover the basics of infrared thermography and how to avoid missteps in gathering and interpreting the data.

Partnering with Philanthropy
5G-02

Wednesday, 1:30-3:00pm
Room 113

Approved for CEUs by: ABIH, ACAC, NAHBBPI

Solomon Greene
Open Society Foundations

Scot Spencer
Annie E Casey Foundation

Denise San Antonio Zeman
Saint Luke's Foundation

Cara Matteliano
Community Foundation for Greater Buffalo

This roundtable discussion will be a follow up to the philanthropy plenary session to provide hands-on advice about how to successfully apply for traditional and non-traditional sources of funding to support green and healthy housing programs. The roundtable will focus on how to use funding to support sustainable programs and how to leverage funds with government and non-government funding.

**Weatherization Plus Health:
From Workforce to Implementation**
5G-42

Wednesday, 1:30-3:00pm
Room 207

Approved for CEUs by: ABIH, ACAC,
NAHBBPI, NARI

John Davies
Opportunity Council Building
Performance Center

John Mello
Baltimore Center for Green Careers,
A Civic Works Venture

Ruth Ann Norton
The National Coalition to End Childhood
Lead Poisoning

Ken Strong
Baltimore City Housing Department

Debbie Paton
Opportunity Council, Community Services

Jennifer Somers
U.S. Department of Energy

Home assessment, education, and project coordination requires a dynamic and collaborative approach to successfully reduce lead hazards, eliminate combustion by-products in the home, mitigate high moisture conditions, and control dust entering the house. This session will discuss the systems needed to ensure and monitor a coordinated approach from eligibility through project completion, using the city of Baltimore as an example of unprecedented local collaboration around green and healthy homes, energy efficiency workforce development, and contractor creation to achieve green job creation and strong healthy communities.



TRACK 5: HEALTHY GREEN

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Learning Networks and Partnerships to Enhance Green and Healthy Homes Programs
5G-1

Wednesday, 1:30-3:00pm
Room 601

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Elizabeth Glenn

Baltimore County Office of Community Conservation

ChaNell Marshall

CNT Energy

Tina Preston

Erie County Department of Health

Marlies Wesolowski

Lt. Colonel Matt Urban Human Services Center

This session will describe how to design, establish, and successfully manage a green and healthy building program, using case examples in Chicago, Buffalo, and Baltimore to illustrate successful implementation of these programs. The session will provide detailed discussion of program design, staffing, philosophy, challenges, collaborations, resources, certifications, inspections, contractor requirements, legal issues, data capture, measures of success, follow-up strategies, monitoring, and how to tell the story of your successful program.

Toward Healthier Building Codes and Rehabilitation Standards
5G-2

Wednesday, 1:30-3:00pm
Room 603

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Gerard Diaz

Community Revitalization Training Center/
Gerard Diaz Associates

Dan Scannell

California Dept. of Public Health -
Childhood Lead Poisoning
Prevention Branch

Nancy Clark

New York City Department of Health and
Mental Hygiene, Bureau of Environmental
Disease Prevention

This session will focus on integration of healthy homes principles into implementation of building codes and rehabilitation standards. It will include: how codes and standards address healthy homes issues, how they get revised, how they relate to healthy homes programs, and how to develop training courses to educate code enforcers and emphasize healthy homes policies.



TRACK 6: SOUNDING THE CALL

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

**The Making of Healthyhomes.gov:
Lessons Learned and Sneak Preview**
6A-01

Monday, 1-2:30pm
Room 605

Approved for CEUs by: ABIH, ACAC, NAHB

**Sandra Williams Hilfiker,
Xanthi Scrimgeour**
CommunicateHealth, Inc.

This workshop will provide participants with an overview of the user-centered design process being used to develop a new HealthyHomes.gov Web site. Workshop participants will be able to preview a prototype of the site and brainstorm ways to improve usability based on user feedback.

**Healthy Homes Education Through University
Extension Programs**
6A-2

Monday, 1-2:30pm
Room 607

Approved for CEUs by: ABIH, ACAC, NAHB

Laura Booth
Auburn University/Alabama Cooperative
Extension System

Gina Peek
Oklahoma State University

**Karen Aspinwall, Naeemah Raqib,
Nancy Lewis, Crystal Terhune**
University of Maryland Extension

This session will provide participants with information on the efforts of the Cooperative Extension Service to make communities healthier.

**How to Determine the Health of a Home
Part 1**
6A-72

Monday, 1-2:30pm
Room 704

Approved for CEUs by: ABIH, ACAC, NAHB

Mike Vogel
Montana State University Extension

This session will provide participants with training on using readily available, cost-effective tools and diagnostic procedures to assess and verify environmental health conditions found in homes.

The National Eco-Healthy Child Care Program
6B-1

Monday, 3-4:00pm
Room 605

Approved for CEUs by: ABIH, ACAC, NAHBBPI

Hester Paul
Children's Environmental Health Network

This session will provide participants with training and resources on how to identify and reduce or eliminate potential indoor air contaminants and environmental health hazards in child care settings (both family child care and center-based care).



TRACK 6: SOUNDING THE CALL

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Communication Strategies to Create Healthier Homes
6B-2

Monday, 3-4:00pm
Room 607

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Kristy Miller
U.S. Environmental Protection Agency

This session will explore effective strategies for environmental health communications, including a look at specific methods to effectively target seniors and school-aged children. Campaign examples will be shown.

A Synergistic Approach to Healthy Homes
6C-51

Monday, 4:15-5:15pm
Room 601

Approved for CEUs by: ABIH, ACAC, NAHB

Kimalon Meriweather, Valencia White
Cleveland Department of Public Health-Lead Safe Living Campaign

Kim Foreman
Environmental Health Watch

Sandra Byrd Chappelle
Saint Luke's Foundation

This session will provide participants with an understanding of how successful education and outreach and healthy homes projects use strategic relationship building to capitalize limited resources. The use of various media tools to increase community awareness will also be explored.

EPA's Outreach for Lead Poisoning Prevention
6C-1

Monday, 4:15-5:15pm
Room 605

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Darlene Watford
U.S. Environmental Protection Agency

This session will provide participants with information on the U.S. Environmental Protection Agency's lead outreach efforts designed for state and local governments, contractors, trade groups, schools, property managers, parents, and the general public.

Campaigns for Healthy Homes
6C-2

Monday, 4:15-5:15pm
Room 607

Approved for CEUs by: ABIH, ACAC, NAHB

Karyn Butts, Eric Frohberg
Maine Center for Disease Control and Prevention

Nancy Clark
New York City Department of Health and Mental Hygiene, Bureau of Environmental Disease Prevention

This session will educate participants on how to develop and implement a successful outreach campaign promoting healthy homes. Case studies from New York City and Maine will be discussed.



TRACK 6: SOUNDING THE CALL

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

The International Face of Healthy Housing
6D-1

Tuesday, 1-2:30pm
Room 605

Approved for CEUs by: ABIH, ACAC, NAHB

Carlos Dora
WHO/Department of Public Health and Environment

Philippa Howden-Chapman
University of Otago, New Zealand

Mary Jean Brown, Carrie Dooyema
U.S. Centers for Disease Control and Prevention, Healthy Homes and Lead Poisoning Prevention Branch

This session will discuss the efforts that healthy housing leaders in England, the World Health Organization, and New Zealand are taking in their respective countries and areas of influence. Topics will include discussions on Britain's work to pilot the Housing Health and Safety Rating System in several European cities, the work of the WHO to develop international guidelines on healthy housing and work to show the links between New Zealand's cold and thermally inadequate housing, health outcomes and energy use.

Improving Health Literacy: Tips and Tools for Healthy Homes Professionals
6D-2

Tuesday, 1-2:30pm
Room 607

Approved for CEUs by: ABIH, ACAC, NAHB

Xanthi Scrimgeour, Stacy Robison
CommunicateHealth, Inc.

This session will cover the practical implications and challenges of communicating complex healthy homes messages to adults with limited literacy skills. Participants are encouraged to bring examples of their own work for input and review.

Safety: A Key Principle For Healthy Homes
6E-1

Tuesday, 3-4:00pm
Room 605

Approved for CEUs by: ABIH, ACAC, NAHB

Angela Mickalide
Safe Kids Worldwide

Andrew Gilbert
Minnesota Department of Health

Rebecca Booker
Spring Lake Park, Blaine, Mounds View Fire Department

This session will provide participants with an understanding of how to increase the effectiveness of their local home injury prevention efforts. Special emphasis will be placed on fire prevention and education.

A Change Campaign to Drive Success for the Healthy Homes Movement
6E-2

Tuesday, 3-4:00pm
Room 607

Approved for CEUs by: ABIH, ACAC, NAHB

Kate Hastings, Betsy Lipson
The Cadmus Group, Inc.

This session will explore Change Campaign methodology, present Change Campaigns in action and, through dialogue and hands-on work, explore application of this framework to community-led healthy housing initiatives.



TRACK 6: SOUNDING THE CALL

SESSION NAME • DAY • TIME • ROOM • CEUs	PRESENTER(S)	PURPOSE OR GOAL
<p>Education and Outreach Through Community Initiatives 6F-1</p> <p>Tuesday, 4:15-5:15pm Room 605</p> <p>Approved for CEUs by: ABIH, ACAC, NAHB</p>	<p>Lara Lasky U.S. Environmental Protection Agency</p> <p>Alicia Solis, Kathleen Howe-Kerr, Margaret Barber Citizens for Clean Air in Pueblo for Education, Research, Action</p>	<p>This session will provide participants with information on implementing successful community-based outreach strategies for healthier homes. The U.S. EPA's successful campaign in northeastern Indiana and the PuebloCAREs partnership in Colorado will be highlighted.</p>
<p>Harnessing the Power of the Media 6F-2</p> <p>Tuesday, 4:15-5:15pm Room 607</p> <p>Approved for CEUs by: ABIH, ACAC, NAHB</p>	<p>Kristy Miller U.S. Environmental Protection Agency</p>	<p>This session will take a futuristic look at how the media can and will help drive the public's demand for healthier housing and communities. It will look at the role social marketing and media play in evolving society and how our united messages can create new social norms that enhance expectations and empower while driving action that produces sustainable change.</p>
<p>Chemical Safety in the Home 6F-03</p> <p>Tuesday, 4:15-5:15pm Room 709</p> <p>Approved for CEUs by: ABIH, ACAC, NAHB, NARI</p>	<p>Perri Ruckart Agency for Toxic Substances and Disease Registry</p> <p>Wanda Lizak Welles New York State Department of Health</p> <p>Brittany Winston Utah Department of Health</p>	<p>This session will educate participants on chemical releases in the home and the resulting injuries. Education strategies and outreach activities that promote chemical spill reduction will be described and specific examples will be provided by states participating in the chemical surveillance program.</p>
<p>Improving Resident Health Conditions Through Energy Efficiency Programs 6G-03</p> <p>Wednesday, 1:30-3:00pm Room 709</p> <p>Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI</p>	<p>Ed Connelly New Ecology</p> <p>Ellen Tohn Tohn Environmental Strategies</p>	<p>This session will provide participants with an understanding of how to leverage the wide range of energy efficiency and green programs to improve resident health conditions.</p>



TRACK 6: SOUNDING THE CALL

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Building & Implementing a National Advertising Campaign
6G-01

Wednesday, 1:30-3:00pm
Room 111

Approved for CEUs by: ABIH, ACAC, NAHB

Dzu Bui
Advertising Council

Sarah Rudolf
Coalition to End Childhood Lead Poisoning

Loyedi Waite
U.S. Department of Housing and Urban Development

Sheila Canavan
U.S. Environmental Protection Agency

This session will provide participants with training in effective media outreach and advocacy. A lead poisoning prevention campaign will be used as a case study.

Healthy Housing Market Outreach Through Private Sector Strategic Collaborations
6G-1

Wednesday, 1:30-3:00pm
Room 605

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Michelle Roberts
Owens Corning

Michelle Desiderio
National Association of Home Builders Research Center

Paul Bates
GREENGUARD Environmental Institute

This session will provide details on specific innovative healthy housing marketing and outreach projects/summits done over the past few years with extremely effective results.

The Collaborative Process: Transitioning from Lead Prevention to Healthy Homes
6G-2

Wednesday, 1:30-3:00pm
Room 607

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Linda Kite
Healthy Homes Collaborative

Liseth Romero-Martinez
City of Los Angeles Housing Department, Lead Hazard Remediation Program

Cindy Huerta
Esperanza Community Housing Corporation

Carlos Zaragoza
Inquilinos Unidos

Amelia Fey-Berquist
Inner City Law Center

This session will illustrate the importance of community collaboration in building a Healthy Homes movement. It will look at four different models coordinated in Los Angeles strategically through the Healthy Homes Collaborative and will describe the coordination of day-to-day logistics and critical resources needed to ensure success.



TRACK 6: SOUNDING THE CALL

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

**How to Determine the Health of a Home
Part 2**
64-04

Wednesday, 1:30-3:00pm
Room 711

Approved for CEUs by: ABIH, ACAC, NAHB

Mike Vogel
Montana State University Extension

This session will provide participants with training on using readily available, cost-effective tools and diagnostic procedures to assess and verify environmental health conditions found in homes.

**Prevention in Practice: Promoting Healthy
Homes for New Americans**
6H-1

Wednesday, 4:30-5:30pm
Room 605

Approved for CEUs by: ABIH, ACAC, NAHB

Heather Lindkvist
Bates College, Department of
Anthropology

Erin Guay, Amanda Hutchins
Healthy Androscoggin

This session will provide participants with an understanding of the challenges involved with educating New Americans on healthy homes. It will explore effective outreach strategies to reach recently settled immigrant or resettled refugee populations.

CO: What You Need to Know
6H-82

Wednesday, 4:30-5:30pm
Room 710

Approved for CEUs by: ABIH, ACAC,
NAHBBPI, NARI

Robert Scott, Ameer Bishay
National Association for State Community
Services Programs

This session will provide participants with an understanding of the many issues associated with carbon monoxide problems, its warning signs, detection, and best practices for reducing the potential risks.



TRACK 7: JUST THE FACTS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Windows and Exterior Sources of Lead: Emerging Evidence about These Potential Hazards and Methods of Control

7A-1

Monday, 1-2:30pm
Room 702

Approved for CEUs by: ABIH, ACAC, NAHB, BPI, NARI

Jonathan Wilson

National Center for Healthy Housing

Rufus Edwards

University of California-Irvine

David Jacobs

National Center for Healthy Housing

Evidence is emerging that windows and exterior sources of lead dust play an important role in childhood lead exposure. This session will present findings from studies that report on the importance of window replacement as a lead hazard control strategy, the levels of lead dust generated from residential demolition and potential mitigation strategies, and how air pollution (i.e., ozone and nitrogen dioxide) can result in increased exterior lead paint deterioration.

Pesticides and Other Persistent Chemical Contaminants in Homes and Their Potential Health Impact

7B-2

Monday, 3-4:00pm
Room 704

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Robin Dodson, Sarah Dunagan, Julia Brody, Ruthann Rudel

Silent Spring Institute

Gary Adamkiewicz

Harvard School of Public Health

This session focuses on pesticide and chemical residues in house dust samples from low income homes in MA, CA, and FL. Identified indoor toxins include 67 endocrine disrupting compounds along with pesticides, semi-volatile organic compounds, phthalates, and polycyclic aromatic hydrocarbons among others. Indoor air and house dust indicate building materials, furnishings and consumer products can result in significant residential exposure.

Burdens of Home Injury and Death: Associated Costs and Benefits of Interventions and Prevention Strategies

7C-1

Monday, 4:15-5:15pm
Room 702

Approved for CEUs by: ABIH, ACAC, NAHB

Jacquelyn Mason, Karin Mack

U.S. Centers for Disease Control and Prevention

Angela Mickalide

Safe Kids Worldwide

Carolyn DiGuseppi

Colorado School of Public Health, University of Colorado Denver

This session will identify the health and economic burdens of fires and other leading causes of accidental injuries and deaths in homes. Effective program interventions as well as program costs, benefits and savings will be addressed. Healthy safe homes help to prevent accidental injury and death.



TRACK 7: JUST THE FACTS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Green, More than a Color: Research on the Potential Benefits of Green Housing on the Indoor Environment and Health

7C-2

Monday, 4:15-5:15pm
Room 704

Approved for CEUs by: ABIH, ACAC, NAHB

Emily Ahonen, Colin Murphy

University of Illinois at Chicago

Susan Aceti

National Center for Healthy Housing

Ellen Wells

Case Western Reserve University School of Medicine

Matt Berges

Environmental Health Watch

What are the health impacts of green and energy efficient housing? Does the use of green healthy homes practices achieve health gains and reduce exposure to toxicants? These studies address the potential association between green affordable housing and occupants' health, and the potential for green housing to improve health and related healthcare costs. The studies employ various techniques, including repeat collection of self-reported health data, medical care utilization data, and environmental sampling data, to answer research questions.

Neighborhood and Residential Factors Predicting Children's Lead Poisoning and Asthma Risk

7D-01

Tuesday, 1-2:30pm
Room 111

Approved for CEUs by: ABIH, ACAC, NAHB

Dimos Polyzois

University of Manitoba Department of Civil Engineering

Eleoussa Polyzoi

University of Winnipeg

Pamela L. Smith

University of Michigan School of Public Health/Saginaw County Department of Public Health

Peter Ashley

U.S. Department of Housing and Urban Development, Office of Healthy Homes and Lead Hazard Control

Deborah Socier

Saginaw County Department of Public Health

Presenters will report on the following research focused on identifying residential and neighborhood risk factors for lead exposure and asthma in children: 1) a Michigan study to develop a Neighborhood Index to identify neighborhoods and homes that pose the greatest risk; 2) a Canadian study that used surveys and home inspections to identify respiratory health hazards; and 3) housing factors predictive of lead hazards and elevated allergen levels from the American Healthy Housing Survey.



TRACK 7: JUST THE FACTS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

**Childhood Lead Poisoning 2011:
A Mother's Story**
7D-1

Tuesday, 1-2:30pm
Room 702

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

John Rosen
Children's Hospital at Montefiore,
New York City

Leann Howell
American Lead Poisoning Help
Association

This workshop will combine one family's story of living with the effects of lead poisoning for 14 years with research on medical outcomes from a neuropsychological perspective. The session will document problems encountered with school systems for support services and methods to evaluate a child post-lead poisoning. The session will address how students are protected by Federal Law under the Individuals with Disabilities Act, which specifically addresses lead poisoning and developmental delays.

**Findings from the Evaluation of Effective Asthma
Management Programs for Pediatric Asthma in
Michigan and for Adults in California**
7D-2

Tuesday, 1-2:30pm
Room 704

Approved for CEUs by: ABIH, ACAC, NAHB

**Michele Borgialli, Thomas W. Largo,
Courtney L. Wisinski, Wesley F. Priem**
Michigan Department of Community
Health, Division of Environmental Health

Judeth Luong, Kathy Estrada
City of Long Beach Department of
Health and Human Services

Michael Lyde
Lyde and Associates

This session will report findings from two asthma intervention programs: 1) a program for caregivers of asthmatic children in Lansing, Michigan which provided asthma education and products and services to reduce exposures to cockroaches, dust mites, mold, tobacco smoke and other triggers, and 2) an intensive, in-home asthma education and case management program for adults and senior citizens with asthma who reside in the City of Long Beach.

**How Much Is Too Much Wheeze?:
Laboratory and Field Research to Develop
a Standardized Allergen Sampling Protocol**
7D-92

Tuesday, 1-2:30pm
Room 710

Approved for CEUs by: ABIH, ACAC, NAHB

Megan Sandel, Johanna Murphy
Boston Medical Center

John Adgate
Colorado School of Public Health,
University of Colorado Denver

Sherry Dixon, David Jacobs
National Center for Healthy Housing

Gary DeWalt
QuanTech, Inc.

The session reviews laboratory and field research on allergen surface sampling with the goal of identifying a standardized, evidence-based protocol. Laboratory research examined performance (e.g., yield, precision) of three samples under controlled conditions, whereas the field research assessed the association between sampling method and surface location and the symptoms of asthmatic children living in sampled homes. The importance of metrics (i.e., concentration vs. surface loading) will also be assessed.



TRACK 7: JUST THE FACTS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Mapping Neighborhood Characteristics: Utilizing GIS for Maximizing Resources and Directing Funding at the Municipal Level
7E-03

Tuesday, 3:00-4:00pm
Room 709

Approved for CEUs by: ABIH, ACAC, NAHB

E. Ed Brown Jr., Thomas A. Tricot II
City of High Point, North Carolina

This session will introduce the use of GIS technology for spatial analysis and mapping purposes. Included is a demonstration of the development of a predictive exposure model for childhood lead poisoning for any city, town, or municipal government. Learn how the City of High Point partnered with various agencies and developed a personalized model by using readily available public data. Data such as blood lead screenings, county tax assessor data, 2010 U.S. Census, and other relevant data sources to predict probable lead hazard exposure risks are all available for use.

New Evidence on Respiratory Health Risks from Damp and Moldy Homes and Efficacy of Commercial Fungicides for Mold Remediation
7E-1

Tuesday, 3-4:00pm
Room 702

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Stephen Vesper
U.S. Environmental Protection Agency

Anupma Dixit
St. Louis University School of Medicine

William Fisk
Lawrence Berkeley National Laboratory

This session will review new findings on the association between exposure to dampness and mold and respiratory illness. One study assessed the relationship between mold exposure, as measured by the Environmental Relative Moldiness Index (ERMI) during the first year of life and subsequent development of asthma. Another presentation will focus on the results of a meta-analysis of studies that examined the association of dampness/mold and acute respiratory infections. The final presentation will discuss research on the efficacy of commercially available chemical mold remediation products in inhibiting mold growth.

Key Contaminants in the Indoor Environment and Their Potential Effects on Resident Health: Results from a Literature Review and Research in Low Income Multi-Family Housing
7E-2

Tuesday, 3-4:00pm
Room 704

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Patricia Fabian, Gary Adamkiewicz
Harvard School of Public Health

Jennifer Logue, Brett Singer
Lawrence Berkeley National Laboratory

This session is for those interested in emerging research about key contaminants in the indoor environment. It will examine exposure from three different perspectives: 1) an observational study of social and physical determinants (e.g., mold, combustion by-products, environmental tobacco smoke, chemical exposures, pests and inadequate ventilation) of cancer risk-related behaviors among residents of low-income housing; 2) a model simulation of indoor pollutant (NO2 and PM2.5) exposures in public housing and key drivers of that exposure; and 3) an analysis of 77 published studies of indoor pollutant concentrations which will highlight thirty-one common air contaminants found in the home and nine pollutants classified as priorities.



TRACK 7: JUST THE FACTS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

**Childhood Asthma and the Home Environment:
A Summary of Current Knowledge**
7F-1

Tuesday, 4:15-5:15pm
Room 603

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Paivi Salo
National Institutes of Health

Felicia Rabito
Tulane University School of Public Health
and Tropical Medicine

This session will focus on the current state of knowledge regarding the relationship between childhood asthma and home environmental exposures. Findings include analysis of data from the National Health and Nutrition Examination Survey (NHANES) on dust-allergen levels and sensitization status and asthma control. The session will also focus on findings from research in New Orleans on residential exposures and asthma morbidity in children and evidence of the importance of cockroach allergen exposure and asthma morbidity.

**Home Environments, Safety Practices, and
Indoor Air Quality Among Recent Mexican
Immigrant Families: A Population-Based Study**
7F-2

Tuesday, 4:15-5:15pm
Room 704

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Shelly Miller
University of Colorado - Boulder

Carolyn DiGuseppi, Jill Litt
Colorado School of Public Health,
University of Colorado Denver

This session addresses the safety and environmental conditions of homes of recent immigrant families from Mexico. This population-based Colorado study, using surveys, activity diaries, and home inspections, identified housing hazards, adverse environment conditions, and existing health conditions. Low cost and multi-faceted strategies and interventions to address the identified problems will also be discussed.

**The ABC's of Integrated Pest Management
in Low Income Housing: Allergens, Baits,
and Cockroach Mitigation Strategies**
7G-41

Wednesday, 1:30-3:00pm
Room 205

Approved for CEUs by: ABIH, ACAC, NAHB

Jane Malone
National Center for Healthy Housing

Beth McKee-Huger
Greensboro Housing Coalition

Michelle Sever
National Institutes of Health

Coby Schal
North Carolina State University

This session will discuss findings from a study assessing factors contributing to the adoption of an effective integrated pest management (IPM) program in low income, private housing. The session will present research on effective IPM protocols for cockroach control, and a review of IPM research funded by the National Institute of Environmental Health Sciences.



TRACK 7: JUST THE FACTS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Putting Health at the Centre of Housing Policies: Lessons Learned from England's Housing Health and Safety Rating System

7G-1

Wednesday, 1:30-3:00pm
Room 702

Approved for CEUs by: ABIH, ACAC, NAHB

David Ormandy

World Health Organization, Collaborating Centre for Housing Standards and Health

Eric Hornbuckle

U.S. Department of Housing and Urban Development, Office of Healthy Homes and Lead Hazard Control

This session will describe the Housing Health and Safety Rating System (HHSRS), the prescribed method for assessing housing conditions in England. The presenter will explain the methodology underlying the HHSRS, how widely differing housing hazards can be compared, and how the use of the HHSRS made it possible to develop cost benefit analyses, comparing the cost of hazard mitigation with the estimated annual cost savings to the health sector. It will be argued that the core methodology is international and could be readily adapted and adopted by other countries, such as the United States.

Stay Warm & Eat Well: Reducing Indoor Air Pollution from Cooking and Unvented Gas Appliances

7G-2

Wednesday, 1:30-3:00pm
Room 704

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Brett Singer

Lawrence Berkeley National Laboratory

Jeff Gordon

University of Illinois

This session will review indoor air pollutants caused by combustion appliances and cooking; research on the effectiveness of range hoods to remove cooking-related pollutants; and findings from research on the impact of unvented gas fireplaces on indoor air quality.

Using GIS for Healthy Housing Surveillance in Los Angeles County

7H-52

Wednesday, 4:30-5:30pm
Room 603

Approved for CEUs by: ABIH, ACAC, NAHB

Timothy Dignam, Gerald Curtis

U.S. Centers for Disease Control and Prevention

Maurice Pantoja

Los Angeles County Department of Public Health, Environmental Health Division

This session will cover how healthy home hazards are addressed in Los Angeles County by the Los Angeles County Department of Environmental Health's Healthy Homes Inspections (HHI). Presenters will discuss the purpose, program methodology, statistical analysis, and key results of the Healthy Homes Inspections program.



TRACK 7: JUST THE FACTS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Building Capacity to Prevent Lead Hazards: Evaluation of Tools and Training that Make a Difference

7H-61

Wednesday, 4:30-5:30pm
Room 607

Approved for CEUs by: ABIH, ACAC, NAHB, BPI, NARI

Susan Viet

Westat

Rachel Riley

U.S. Department of Housing and Urban Development, Office of Healthy Homes and Lead Hazard Control

Jane Malone

National Center for Healthy Housing

This session will explore the effectiveness of a model training (lead safe work practice (LSWP) training) and a model program (Community Environmental Health Resource Center) that have been used to better protect communities and clients from lead exposure. The session will share evaluations of behavior changes observed following the implementation of these activities.

Moisture in Homes: Improving our Understanding of Sources and Interventions to Mitigate Problems and Reduce Humidity

7H-1

Wednesday, 4:30-5:30pm
Room 702

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Maria Mauceri

Advanced Energy

Lois Arena

Steven Winter Associates, Inc.

Ellen Wells, Dorr Dearborn

Case Western Reserve University School of Medicine

Matt Berges

Environmental Health Watch

This session will discuss the effectiveness of design modifications to reduce relative humidity in low income detached homes in North Carolina and the long term efficacy (5-8 yrs. post-intervention) of mold/moisture interventions conducted in the homes of asthmatic children in Cleveland. Research that involved extensive monitoring of temperature and humidity in 60 homes in three climate zones will also be presented.

Nanoparticles and Nitrogen Dioxide from Stoves: Health Effects and Strategies to Reduce Exposure and Improve Asthma Control

7H-2

Wednesday, 4:30-5:30pm
Room 704

Approved for CEUs by: ABIH, ACAC, NAHB

Jamson Lwebuga-Mukasa

Respiratory and Environmental Exposure Consultants

Nadia Hansel

Johns Hopkins University School of Public Health

This session will focus on the cooking-related sources of nanoparticles, their significance with respect to respiratory health, and strategies to reduce concentrations in indoor air. The session will also address the importance of NO₂ and asthma morbidity in children, and findings from an inner-city study in which gas stoves were replaced by electric stoves in homes of asthmatic children to reduce NO₂ exposures.



TRACK 7: JUST THE FACTS

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Home Occupant Sampling for Lead, Dust Allergens and Fungi: Significance of Home Hazard Perception and Comparative Professional Test Results

7H-04

Wednesday, 4:30-5:30pm
Room 711

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Melissa M. Thompson

Mercer University School of Medicine,
Department of Community Medicine

Mike Van Dyke

National Jewish Health

How do home test kits for allergens and fungi results compare to those of a professional assessment? This session focuses on consumer perception and attitudes about health risks in homes and community along with the effectiveness of home test kits and assessments for lead, dust allergens and fungi. Implications of the research for practices, policy and future research will be discussed.



TRACK 8: AFFORDABLY HEALTHY

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Multi-Family Integrated Pest Management (IPM) Solutions
8A-1

Monday, 1-2:30pm
Room 708

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Allison Taisey

The Northeastern IPM Center at
Cornell University

Rachel Riley

U.S. Department of Housing and Urban
Development, Office of Healthy Homes
and Lead Hazard Control

Sandra Harrison

Housing Authority of the City of York

Christiana Bratiotis

Boston University School of Social Work

Reshelle Allen

York Housing Authority

This session will consist of a series of presentations that will teach participants the basics of Integrated Pest Management (IPM), including the health implications of pests in the home. Pests are sources of allergens, including asthma triggers, and are unwelcome in our homes. A healthy home is pest-free and the best way to rid a home of pests is through Integrated Pest Management (IPM).

Healthy, Green and Affordable: Green Building Meets Tax Credit Developments
8A-2

Monday, 1-2:30pm
Room 710

Approved for CEUs by: ABIH, ACAC, NAHB

Christina Corley, Scott Lee

Southface

This session investigates the integration of green building practices into affordable housing tax credit developments. Participants will learn the green and healthy strategies that have proven easiest and most cost effective to incorporate in affordable housing projects, as well as those that have proven to be less effective from an implementation and cost standpoint. The session will also review the best green and healthy strategies to integrate in multi-family design, what developers can do during land acquisition to create healthier communities and how to train property management staff in maintenance of these affordable, healthy and green projects. This session is intended for professionals who are familiar with the basic components of tax credit programs and green building.



TRACK 8: AFFORDABLY HEALTHY

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Lung Cancer Prevention Through Radon Mitigation: Affordable Approaches
8B-1

Monday, 3-4:00pm
Room 708

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Daniel Steck
St. John's University Physics Department

If every Upper Midwest home whose radon concentration exceeds the current U.S. EPA action level were mitigated now, more than 100,000 lung cancers could be prevented over the lifetime of newly-born residents. The direct radon reduction costs are lower than some alternative actions, such as the costs of medical treatment for lung cancer when compared to the cost per life saved and the cost per year of life extended. This session will show the results of a calculation and simulation that uses the radon distributions, mitigation effectiveness and costs to estimate the cost per unit life saved and cost per year of life extended of a mitigation policy based on the current U.S. EPA action level.

Integrating Energy+Health into Volunteer Home Repair Programs
8B-21

Monday, 3-4:00pm
Room 108

Approved for CEUs by: ABIH, ACAC, NAHBBPI

Don Ryan
National Center for Healthy Housing

Amanda Walz
Rebuilding Together

Mike Welch
Habitat for Humanity International

Aileen Gagney
CLEARCorps USA and American Lung Association of the Mountain Pacific

Many local affiliates of Rebuilding Together, Habitat for Humanity International, and CLEARCorps want to integrate healthy homes and energy efficiency strategies into volunteer home repairs. The National Center for Healthy Housing is working with these networks, local affiliates, and leading experts to help local programs make this transition. This workshop will preview the two-day Energy+Health training, including home assessment checklist, specifications for more than 50 interventions, and illustrated instructional worksheets for priority measures. Staff from volunteer home repair programs will highlight innovative local efforts and share their perspectives on taking Energy+Health to scale.

The Real Cost of Poor Housing in England
8B-71

Monday, 3-4:00pm
Room 702

Approved for CEUs by: ABIH, ACAC, NAHBBPI

Simon Nicol
Building Research Establishment

The UK has the oldest housing stock in the developed world and much of this is unhealthy and unsafe. This presentation will use information from the English Housing Survey to demonstrate the range, severity and distribution of health and safety hazards in the English housing stock. It will show how we can calculate the cost of reducing these hazards to an acceptable level and the health cost-benefits of such remedial action. Using this and other information on the effects of poor housing on society, we can calculate the total cost of poor housing in England, and also develop a model which can calculate the health cost-benefits of improvements to individual homes.



TRACK 8: AFFORDABLY HEALTHY

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Universal Design in Healthy Affordable Housing
8B-2

Monday, 3-4:00pm
Room 710

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Tiffani Irwin
Habitat for Humanity International

Thom Phillips
Habitat for Humanity of Michigan

This session will address principles of Universal Design (UD) and strategies for integrating these principles into building practice. Further, presenters will be encouraged to increase their commitment to implementing UD in affordable housing programs. Extended families are once again living together; baby-boomers are primary care-givers for their parents. In developed nations such as ours, it is anticipated that life expectancy will continue to rise. Life-changing accidents, illnesses, and disabilities are unfortunate facts of life. An increasing number of people will require accessible living environments and assistive devices in order to continue to live their lives as normally and independently as possible. Habitat for Humanity will share some methods and successes for addressing these challenges through implementing UD in affordable housing.

IPM: Study and Practices from the Field
8C-1

Monday, 4:15-5:15pm
Room 708

Approved for CEUs by: ABIH, ACAC, NAHB, NARI

Margaret Reid
Boston Public Health Commission

Leo Saylor
Cincinnati Metropolitan Housing Authority

John Kane
Boston Housing Authority

Mae Fripp
Committee for Boston Public Housing, Inc.

Presenters will describe the purpose of the Integrated Pest Management Intensity Impact Study (IPMIS), which is to improve the health and well-being of Boston residents living with asthma in low-income housing by increasing understanding of public health, environmental, and economic collaboration model, background, and methods. IPMIS adds knowledge to the growing body of evidence supporting the delivery of primary prevention and sound public health approaches pertaining to the connections between public housing, pest-related exposures, mental health and asthma.

Affordable Can Be Healthy Too
8C-2

Monday, 4:15-5:15pm
Room 710

Approved for CEUs by: ABIH, ACAC, NAHBBPI

Jane Massey
Dallas Area Habitat for Humanity

Brian Coble
Advanced Energy

Esmond Anderson
Cape Fear Habitat for Humanity

Creating healthy homes in healthy communities is a challenge even when building market-rate housing on greenfield land. How can it be done retrofitting and building affordable housing — reaching homebuyers with incomes below 60% AMI — in neglected neighborhoods? This session will focus on the experience of Habitat for Humanity in two distinct projects in Texas and North Carolina. It will explain and discuss some of the key construction details that successfully produced tight, energy efficient and healthy homes.



TRACK 8: AFFORDABLY HEALTHY

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Are We Ready for Smoke-Free Public Housing?
8D-1

Tuesday, 1-2:30pm
Room 708

Approved for CEUs by: ABIH, ACAC, NAHB

Rita Turner
Center for Tobacco Regulation, Litigation
and Advocacy University of Maryland

Pat McKone
American Lung Association of the
Upper Midwest

Kate Bennett
Boston Housing Authority

This session will discuss the growing trend of smoke-free public housing, rapidly gaining acceptance with at least 200 public housing authorities nationwide having passed smoke-free policies. As more is learned about the dangers of secondhand smoke in multi-unit dwellings, it becomes clear that smoke-free policies play an essential role in improving the health and safety of our national affordable housing stock.

The Magic of Strategic Partnerships
8E-1

Tuesday, 3-4:00pm
Room 708

Approved for CEUs by: ABIH, ACAC, NAHB

Kathryn Arbour
Rebuilding Together Metro Denver

Andrew Bell
Handyman Matters

Speakers will highlight Rebuilding Together Metro Denver (RTMD), a nonprofit providing affordable and safe housing solutions to low-income homeowners living in the seven counties of metro Denver, and its partnership with Handyman Matters (HM), the largest handyman franchise in the U.S. (headquartered in Lakewood, CO). This session will present an outline for collaboration between nonprofits and for-profits that leads to healthy, safe and sustainable housing for those in need.

Passive House: The Silver Bullet for Affordable, Healthy and Energy-Efficient Homes
8E-2

Tuesday, 3-4:00pm
Room 710

Approved for CEUs by: ABIH, ACAC,
NAHBBPI, NARI

Ginger Watkins
Kentucky Habitat for Humanity

This session will present the experiences of two Habitat for Humanity affiliates that are in the preliminary stages of integrating Passive House design technology into their construction programs. They are: Kentucky Habitat for Humanity – State Support Organization, and Habitat for Humanity of Washington, D.C. Hear from these organizations as they discuss benefits of Passive House Design and how they are going about bringing this cutting-edge building design to affordable housing in their areas of the country.



TRACK 8: AFFORDABLY HEALTHY

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Leveraging Public Resources to Create Affordably Healthy Housing
8F-1

Tuesday, 4:15-5:15pm
Room 708

Approved for CEUs by: ABIH, ACAC, NAHBBPI

Eric Oetjen, Kim Gugino-Wollos
ICF International

Yolanda Martinez
City of Phoenix, Neighborhood Services Department

Speakers will present lessons from two efforts to create affordable healthy housing. First, the session will focus on the City of Phoenix Neighborhood Services Department (NSD)'s experience with 'braiding' different funding streams to develop green and healthy housing and the complications encountered in that process. The session will also summarize the early results from a demonstration grant program launched by the Massachusetts Renewable Energy Trust (MRET) to stimulate the use of renewable energy and green building practices in affordable housing. This presentation highlights some of these early housing, energy and environmental impacts of the program, presents some of the lessons learned, and showcases the preliminary indicators of market transformation.

Energy & IEQ Tools for Multifamily Housing and Aging in Place
8F-2

Tuesday, 4:15-5:15pm
Room 710

Approved for CEUs by: ABIH, ACAC, NAHBBPI, NARI

Brett Singer
Lawrence Berkeley National Laboratory

A. Tamasin Sterner
Pure Energy

This session will address indoor environmental quality (IEQ) and energy efficiency improvements for multifamily housing and related actions for promoting aging in place. This session will help agencies subsidizing low-income housing know how to most appropriately use resources to obtain energy savings and IEQ improvements. Researchers from Lawrence Berkeley National Laboratory will present results from a study designed to: 1) develop protocols for selecting the optimal package of retrofit measures; and 2) quantify and demonstrate the energy savings and IEQ benefits associated with retrofits. The findings from this study will help communities move toward energy efficient, healthy and comfortable apartments for low income residents. The session will also present tools and promote effective actions to make homes safer, healthier, and more affordable to run so that residents can age in place. The presentation will highlight actions contractors can perform to increase energy efficiency and promote long-term health and affordability. This session will show links between energy efficiency and conservation in the home and the health of the occupants.



TRACK 8: AFFORDABLY HEALTHY

SESSION NAME • DAY • TIME • ROOM • CEUs

PRESENTER(S)

PURPOSE OR GOAL

Boston's City-Wide Approach to Smoke-Free Housing

8G-1

Wednesday, 1:30-3:00pm
Room 708

Approved for CEUs by: ABIH, ACAC, NAHB

Kathleen McCabe

Health Resources in Action, Inc.

Margaret Reid

Boston Public Health Commission

Chris Banthin

Public Health Advocacy Institute at Northeastern University School of Law

Kate Bennett

Boston Housing Authority

This session will present key strategies that municipalities can adopt when working on increasing the availability of smoke-free housing. Four presenters will comprise a panel which will highlight the role of engaging community coalitions and residents in the process through comprehensive surveying and community organizing. It will also describe the types of legal and process training and technical assistance provided to Section 8 landlords, low-income affordable housing and non-profit developers, public housing authorities, city housing departments, private landlords, condominium owners and property management companies. The Boston Housing Authority will also be presented, highlighting key partnerships, process steps, successes and challenges that were faced.

Bed Bugs: Biology Behavior and Sustainable Control

8G-2

Wednesday, 1:30-3:00pm
Room 710

Approved for CEUs by: ABIH, ACAC, NAHB

Allison Taisey

The Northeastern IPM Center at Cornell University

Changlu Wang

Rutgers University

Kurt Saltzmann, Timothy Gibb

Purdue University

This session will increase participants' understanding of public health, environmental, and economic benefits of Integrated Pest Management (IPM) methods for reducing cockroach and/or rodent populations in multi-family housing. During this workshop a bed bug expert with the Northeastern IPM Center at Cornell University will present and show what you need to know to manage bed bugs building-wide. Participants will be able to practice inspecting for bed bugs; see and try some of the non-chemical monitoring, control, and prevention methods; and will get to see bed bugs and the evidence they leave behind. The Purdue/Rutgers study will present the need for the development of a 'code of practice' that includes proven low cost cultural practices together with policies that are accepted by governmental agencies, housing administrators and tenants. Once developed, the 'code of practice' must be adopted in concert with Professional Pest Managers control procedures. Such a 'code of practice' has been proven to be effective and resulted in reduced human health risks by limiting exposure to pesticides and other non-recommended practices.

Deep Green: Saving Money While Reducing Risk & Improving Health

8H-21

Wednesday, 4:30-5:30pm
Room 108

Approved for CEUs by: ABIH, ACAC, NAHB

James Scott Brew

Rocky Mountain Institute

This session will focus on uncovering the cost-effective pathway to "deep green" and show how healthy, efficient homes foster better communities. While energy codes are improving rapidly, most organizations are not prepared to implement more aggressive measures, and many homes built today will not be legal to build just a few years from now. By applying a "deep green" approach, you can exceed future codes today, increase durability and reduce life-cycle costs and risks associated with escalating utility prices.