



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.



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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.



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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.



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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.



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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.



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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.