

Speaker Bios & Presentation Synopses

Day One, Wednesday, February 2

9:15-10:00

Keynote: Northwest Partnership for Sustainable Communities

Introduction by **Melanie Wood, EPA**

Presented by **Rick Krochalis, Regional Administrator for FTA**

Day One, Wednesday, February 2

10:20-11:10 a.m.

The Role of Energy Codes and LEED in Advancing Sustainable Communities

Presented by **Sharon Patterson**

From a baseline of rapidly changing energy codes to rating systems such as LEED and Living Building Challenge, the progression is towards achieving the 2030 Challenge. This presentation focuses on how the greening of codes and LEED ND are influencing sustainable communities.

Educated in ecological design, Sharon is a LEED AP BC+C and LEED AP Homes as well as a Certified Sustainable Building Advisor and Certified Healthy Homes Specialist. She has experience on over 20 LEED projects, from homes to commercial buildings and neighborhoods. As past Chair of the USGBC Idaho Chapter, she developed an extensive range of LEED workshops. As an IREC provider and IECC trainer, she provides education across Idaho and region on green real estate and energy codes. Both Better Bricks and Idaho Smart Growth have awarded her for her advocacy and work on responsible infill development.

King County's Green Tools Program

Presented by **Patti Southard, King County**

Join a founder of the Pacific Northwest's green building movement, Patti Southard of King County's GreenTools program as she provides information on how to "future proof" your home. This presentation will provide local resources and national trends in green remodeling. Patti will feature the online resources from King County's EcoCool Remodel Tool www.ecocoolremodel.com. The workshop will also feature a case study from the local Built Green program which was documented through a "YouTube" style video series called EcoCribz. Audience participation is encouraged in all of Patti's workshops, so come prepared for fun and lively conversation about green possibilities in your outreach programs and projects.

Patti Southard is the program manager for King County's green building program "[GreenTools](#)". GreenTools provides technical assistance, grants and education to all stakeholder groups including governments within King County. Patti's is also the project manager on EcoCool Remodel Tool; 2009

winner of 5 awards from the American and International Academies of Visual Arts. Patti is currently president of the Northwest Natural Resource Group, and on the board for the New Orleans EcoVillage Park. Patti is also a Northwest delegate for OxFam America and International on climate change issues for women and children in developing nations.

EPA's New Lead Rule

Presented by **Wallace Reid, EPA**

Wallace Reid is currently the Team Leader for both the Lead and Asbestos programs for EPA Region 10 in Seattle. Prior positions at EPA have included work in the Underground Storage Tank program, the Superfund program, and the Hazardous Waste program. In the private sector, Mr. Reid held the position Manager, Environmental Affairs at Alaska Airlines for five years. He also worked in the environmental consulting business for five years as a Project Manager for Kleinfelder.

Indoor Air Quality and Health

Presented by **Aileen Gagney and Doug Kennedy**

Creating healthy homes with good IEQ/IAQ is really a two part issue. One that involves understanding the complex and dynamic interaction between design and construction elements. The second recognizes the impact that proper ongoing owner operation and maintenance ultimately has on the long term health potential of both the building and the resident. We will explore this symbiotic relationship and discuss the cause and effect associations when any of the construction elements are overlooked, as well as the potential long term implications resulting from lack of home owner involvement and responsibility to create and maintain a healthy home.

Aileen Gagney has a Masters Degree in Architecture, a Masters Degree in Fine Arts, is Green Advantage-Certified and Healthy Home Specialist. She is a Certified Renovator and Certified Dust Sampling Technician. She is a Trainer for the National Center for Healthy Housing's Essentials for Healthy Homes Practitioners Course. She has been an adjunct faculty member at the University of Washington, at North Seattle Community for the American Lung Association and co-operates Tm4 Group, a consulting firm located in Seattle.

Doug Kennedy has 40 years of experience in the construction, property maintenance, and appraisal fields. He is highly experienced with sustainable and Healthy Home construction practices. He is Green Advantage-Certified, a Certified Renovator/Dust Sampling Technician. Educational experience involves instructing with the Health Home Training for Building Professionals Course and the EPA Lead RRP course. He has also been a guest lecturer on IAQ/IEQ at North Seattle and Shoreline Community Colleges. He is currently a general contractor and a member of TM4 Group, a consulting/training firm located in Seattle.

Day One, Wednesday, February 2 11:15- 12:15

Seattle 2030 District

Presented by **Brian Geller and Peter Dobrovolny**

Motivated by a recently passed energy-use disclosure ordinance, the Seattle 2030 District is new model of collaborative problem solving. Building owners, managers, city staff and development professionals are meeting bi-weekly to share proprietary energy data and best practices with a collective goal of meeting the 2030 Challenge not just for individual buildings but collectively across six downtown Seattle commercial, office and residential neighborhoods. This tight-knit community is developing building benchmarking and data gathering competence, aggressive energy efficiency services and financing, with supporting education and training to meet these goals and Seattle's goal of being a carbon neutral City by mid-century.

Brian Geller - Sustainability Specialist, ZGF Architects

Brian Geller has worked for ZGF architects as a sustainable design leader since 2008, overseeing sustainable design of major projects at the Seattle office, including Seattle's King Street Station and Nintendo of America's new corporate headquarters in Redmond, WA. He recently won the national Natural Talent Design Competition hosted by the U.S. Green Building Council. Mr. Geller currently serves on three technical advisory committees for the City of Seattle. Brian Geller has a Masters Degree in Architecture from Parsons School of Design and a Bachelor of Science in Business Administration from Skidmore College.

Peter Dobrovolny, Green Building Specialist, City of Seattle Green Building

Peter Dobrovolny is a part of the City of Seattle's Green Building Program and works with the private sector development community to fulfill the mission of the City of Seattle initiatives to accelerate green building in the private sector. Peter has a Bachelor of Architecture from CU and Master of Urban Planning from UW and is a member of the AIA, APA and CRGBC.

Improving Homes While Maintaining Affordability

Presented by **Daimon Doyle**

Daimon Doyle has been a building professional for over 20 years, the bulk of those as a general contractor focusing on residential construction. He has served as President of his local home builders association (Olympia Master Builders, 2003) as well as our state association (BIAW, 2007) and currently serve as an Executive Committee member with NAHB. He is a chair officer of Built Green Washington and the Chair of Built Green Olympia.

In his current business, Viridian Northwest, he offers performance testing (both blower door and duct leakage) as well as verification, ratings, and consultation. He is PTCS certified (Performance Tested Comfort Systems), a

Northwest Energy Star verifier, a RESNET HERS Rater, and an Indoor Air Plus verifier, and a Built Green Verifier. He is also an NAHB Certified Green Professional and will complete the training to become one of the first NAHB Master Green Professionals in the nation next week. He is currently an instructor for all of the NAHB green building courses

His objective is to assist home builders in finding ways to continually improve homes while maintaining affordability. He believes that education is the key to this effort.

Indoor airPLUS: New Construction & Renovation Guidelines

Presented by **Eric Werling, EPA**

Why IAQ is Important and How to Know It Is Good

Presented by **Clinton Holzauer**

Promoting good indoor air quality (IAQ) is an oft-cited cornerstone of the rapidly growing industry addressing “green” and sustainable buildings. But is IAQ really getting the attention it deserves? This presentation discusses some of the health and economic impacts of indoor air quality then examines how IAQ is being addressed in some of the popular building rating systems, such as LEED®. Information regarding different building rating systems and several resources to assist in selecting products and building materials that have a minimal impact on a building’s IAQ will be provided.

Clinton Holzauer, after achieving his Masters degree in Australia, moved to Europe and worked for a number of years as a professional juggler. He moved to the Pacific NW twenty years ago and started working in an environmental testing lab as a chemist. Later he worked in a lab as forensic chemist doing material and process failure investigations. It was in that position that he first addressed IAQ problems. Clinton is currently managing a dynamic and experienced group of health and safety professionals providing both reactive and proactive IAQ services to commercial, public and residential clients.

Day One, Wednesday, February 2

1:30-2:20

Supporting the Intersection of Health, Transportation and Sustainable Communities through a Creative Walking Project

Presented by **Lisa Quinn**

Participants will learn how Feet First developed the Northeast Seattle Trails (NEST) map spanning a number of neighborhoods and connecting a dozen business centers, multiple parks and playgrounds to residential areas-home to over 80,000 Seattle residents. This presentation will successfully highlight how walking is both a manageable, fun and accessible option that supports the foundation of a sustainable community. The community based map encourages pedestrian use of streets, parks and community centers. Learn how the project designated over 77 miles of riparian, loop and safe, scenic,

connected trails and integrated approximately 24 separate community councils to fit within the broader context of the neighborhood.

For the last 17 years Lisa Quinn has been administering, using social marketing techniques and advocating for sustainable transportation programs for government and non-profit agencies. Lisa has worked in a program manager capacity for San Luis Obispo Council of Governments and at Better Environmentally Sound Transportation in Vancouver, Canada. Lisa worked at the University of Washington where she created and launched award winning campaigns to support the U-PASS program, including Ride in the Rain. Lisa attended San Jose State University with a Bachelor of Science in Advertising with a concentration in Environmental Studies and Sociology. Lisa is the Executive Director of Feet First, the state's only pedestrian advocacy organization dedicated to promoting walkable communities.

The Living Building Challenge Presented by **Amanda Sturgeon**

The Living Building Challenge is a cohesive standard- pulling together the most progressive thinking from the worlds of architecture, engineering, planning, landscape design and policy. It challenges us to ask: What if every single act of design and construction made the world a better place? What if every intervention resulted in greater biodiversity: increased soil health; additional outlets for beauty and personal expression; a deeper understanding of climate, culture and place; a realignment of our food and transportation systems; and a more profound sense of what it means to be a citizen of a planet where resources and opportunities are provided fairly and equitably?

Amanda Sturgeon is the Certification Director at the International Living Building Institute (LBI) where she is responsible for the certification of Living Building Challenge projects. She is a licensed architect with 15 years experience designing and managing some of the most sustainable buildings in the Pacific Northwest. Prior to joining LBI she was a Senior Associate at Perkins+Will where she co-directed the Sustainable Design Initiative across 20 offices worldwide and managed numerous sustainable projects. Amanda was a founding board member of the Cascadia Region Green Building Council and a recent board member of AIA Seattle. Amanda won the Betterbricks Architects award in 2008 and has been involved in leading many local committees for USBGC and AIA.

Spray Polyurethane Foam Best Practices Presented by **Carol Hetfield, USEPA**

Spray Polyurethane Foam (SPF) is a highly effective insulator and sealant widely used for weatherization on new and existing homes, schools, and other buildings. SPF contains isocyanates, chemical substances recognized as the leading attributable cause of work-related asthma. In 2009, EPA convened a federal workgroup with representatives from NIOSH, OSHA, and CPSC and challenged the polyurethanes industry to address the

following goals: improve the accuracy and comprehensiveness of hazard information; develop “best practices” to prevent exposures; address misleading marketing; and, address key exposure data gaps, such as when is it safe for occupants re-enter the premises after SPF application? For more information, see http://epa.gov/dfe/pubs/projects/spf/spray_polyurethane_foam.html

Carol Hetfield, USEPA, is a senior advisor in the Economics, Exposure, and Technology Division (EETD) within the Office of Pollution Prevention & Toxics. Carol is co-leading the Spray Polyurethane Foam Federal Work Group, promoting health and safety best practices and looking at exposure assessment gaps.

Passive House

Presented by **Joe Giampietro**

Joe Giampietro, CHPC, will present the collaborative research project of design and construction of a 300 sf Detached Accessory Dwelling Unit meeting the Passive House standard and the challenges involved. Inherent in Passive House design is airtightness and full-time filtered air exchange. The high degree of air leakage control combined with an effective heat and energy recovery ventilation system provide an optimum indoor air quality while at the same time allowing for a radical reduction of heating energy demand, an eight fold improvement. Thermal comfort comes as an added benefit. The unique challenges will be addressed.

Joe Giampietro, Director of Housing at Johnson Braund Design Group, Inc has been in the housing and missed-use design and development field for thirty years. The Housing Studio at JBDG Inc has a particular emphasis on affordable housing, both low income and market rate. He is a Certified Passive House Consultant and designer/developer of one of the first two Passive Houses in the State of Washington, the Min-B Passive House.

Day One, Wednesday, February 2 2:25-3:15

Building Sustainable Communities Through Culturally Competent Partnerships

Presented by **Nimisha Ghosh Roy**

Are you implementing new and innovative policies and programs that impact homes and communities? In an effort to establish sustainable communities, even the most well-intentioned and carefully planned programs are at risk for exacerbating, or creating, environmental justice issues if they are not implemented in an equitable and culturally competent manner.

These environmental justice issues can be overcome by developing and cultivating culturally competent partnerships. These partnerships allow policies and programs to become powerful tools that effectively engage people and transform their homes and neighborhoods into thriving healthy communities.

Participants will learn about the Cross Cultural Health Care's Environmental Justice Training and Consulting Program and engage in a working session for sharing and developing best practices for building sustainable communities with culturally competent partnerships.

Nimisha is a program developer and certified trainer for the Cross Cultural Health Care Program in Seattle. CCHP's mission is: "Healthcare in every Community, every Community in Healthcare." Nimisha has degrees in education and earth science and extensive experience in building successful partnerships throughout her communities.

Zhome: Production Zero Energy Homes are Here Now

Presented by **Brad Liljequist**

The zHome community in Issaquah, currently under construction, will be the first multifamily, true zero energy, carbon neutral housing in the US. zHome aims to transform the production housing market with an inspiring template for zero to low impact living and homes. A public-private partnership led by the City of Issaquah, zHome includes a major market transformation and education program. More information about the project is at z-home.org.

Brad Liljequist is an urban planner and sustainable building advisor with over 20 years' experience in fostering innovation in sustainable built environments. From 1988-1995, he worked for King County, where he managed the Northshore Community Plan, covering a population of 70,000, and the Quality Urban Environment program, catalyzing the market for dense, pedestrian oriented development. From 1995-2006, he worked for Buck and Gordon, representing a variety of private and public clients, including IslandWood and the City of Issaquah, where he has coordinated the green building program since 2002. In 2006 he joined the City to manage zHome, the first production, multifamily zero energy community in the US. He graduated cum laude from Georgetown University, and has a Master's in Environmental Policy from the UW Evans School.

Healthy Homes

Presented by **Ruth Ann Norton**

Learn more about the National Green and Healthy Housing Initiative (GHHI), now underway in 14 pilot sites. GHHI is a new service delivery model that enables local programs to align, braid, and coordinate resources to maximize impact and efficiency and provide clients with greater access to services they need. GHHI is a way to unite local government, nonprofit and health service providers and easily determine where corporate and philanthropic donors can plug in to fill identified gaps. Most importantly, GHHI results in healthier children and families, safer and stabler neighborhoods, and green jobs employment and training: a triple bottom line to improve the local community.

Ruth Ann Norton has served as Executive Director of the Coalition to End Childhood Lead Poisoning since 1993. She is the chief strategist for public policy, program design, and development for the Coalition's Green and Healthy Homes Initiatives. A noted national expert on building community capacity and effective work plans to incorporate sound environmental health standards in housing-related programs, Ms. Norton serves as an Advisor to government agencies, non-profit organizations, and foundations. Over the course of her work she has been engaged with the management, design, and technical assistance for over 30 federally funded lead and Healthy Homes programs with an aggregate value of well over a \$100 million. She is noted for her ability to advise Cities and States on how to blend complimentary programs to maximize outcomes as well as how to effectively engage impacted communities for a triple net benefit of better housing, better outcomes for children, and higher quality employment opportunities.

Indoor Air Pollution and Ventilation

Presented by **Cheri Zehner**

What are the common pollutants in indoor air? Where do they come from? How can they be mitigated?

Cheri Zehner is an industrial hygienist with over 25 years of experience in public health and environmental health programs. She has been conducting indoor air quality investigations for the past 12 years on commercial, residential and academic buildings. She was an IAQ Tools-for-Schools Master Trainer and has given training workshops to numerous school districts. She was a member of the advisory team for the Lung Association's Master Home Environmentalist (MHE™) Program for 5 years. Ms. Zehner has a master's degree in Public Health from the University of Washington.

Day One, Wednesday, February 2

3:35-4:25

Open Space Discussion: Sustainable Communities

Moderated by **Gunita Bajaj, Amy Waterman, and Laura Musikanski**

Gunita Bajaj

Indicator Coordinator and SCAN Reporter

Over the past few years, Gunita has worked on global development issues that have policy relevance. Her focus areas include: economic development & environment, job creation through small enterprise development, and skill development of lower strata youth in a developing country. Gunita most recently worked for the International Labour Organization (ILO) in New Delhi, India (2009) as a National Consultant to incubate mainstreaming of a new initiative on promoting green jobs within climate mitigation and adaptation programs. Her job involved identifying linkages between the green jobs initiative and the policies & schemes of the Government of India on job creation, decent work, poverty, and environment. In addition, Gunita contributed to the Enterprise Policy

chapter of the National Employment Policy of India, released by Ministry of Labour & Employment in 2008. Her work directly influenced the initiative to boost employment, and this experience in making a broad reaching impact reinforced her passion to make a positive contribution to people's lives. Gunita's education includes an MSc in Sociology from the University of Oxford and a Graduate Coursework in Business Management from India. Her awareness on organizational (and employee) behavior and sociological principles now helps her put issues in the right perspective. Gunita strongly believes that the only way to confront global issues threatening us today is through individual change and social contribution. Change will happen only when we take personal responsibility for things happening around us and work towards creating value one way or another keeping in mind the larger social good. Born and raised in Delhi, Gunita feels that life in this part of the world is comfortable in a surreal sort of way. She is particularly impressed with Seattle's refreshing beauty, amazing waterfronts, fresh seafood, and health conscious people with their contagious passion for outdoor activities. Having taken some inspiration, Gunita is currently training for the Half-Marathons.

Amy Waterman.

Sustainable Rain coordinator

Amy comes to Sustainable Seattle with over fifteen years experience in the environmental field, working in the non-profit and local government arena on environmental advocacy, education, planning, and science. Most of her work has been focused on water quality and watershed protection. Examples of her work include helping to develop a protection plan for a bay off of Long Island Sound, doing wetland education and stormwater planning with the New York City Department of Environmental Protection, enforcing environmental regulations for a town in the Hudson Valley of New York, and developing a curriculum for urban kids on the water cycle and water quality. She has a Masters in natural resource policy from Cornell University.

Since being an at-home mom and coming out to Seattle, she has done various volunteer positions, gotten a certificate in Wetland Science and Management from the University of Washington, and worked actively in her daughter's school, including a year bringing gardening to their mostly asphalt-covered school yard every Friday. Passionate about the importance of the natural world in its own right as well as for human health and sanity, she would now like to broaden her work to deal with the intersection of social justice and the environment. She would also like to bring the joy that the natural world can bring to those who have not experienced it and is very interested in urban agriculture as a way to do that.

Laura Musikanski

Executive Director

Laura Musikanski is a fifth generation Seattleite with a daughter and grandchild born in Seattle. She is lawyer with an MBA and certificates in Environmental Management and Environmental Law and Regulations from the University of Washington. Prior to joining Sustainable Seattle as Executive Director, she was the Director of Sustainability and a Senior Consultant for a national environmental and natural resources consulting firm.

She taught at the UW MBA program, spearheaded a program to integrate sustainability into business school curricula in the Northwest, founded a club for second career students at her law school.

Energy Star Homes

Presented by **Dan Wildenhaus**

With ever changing codes and program requirements, many people are unaware of the New Specifications for the Northwest Energy Star Homes Program. Join Dan Wildenhaus for an hour long discussion of the new Specifications and how they help make our building stock more energy efficient, durable, safe, comfortable and with healthy Indoor Air Quality.

Dan Wildenhaus. As regional trainer/technical support for the Northwest Energy Star Homes program, Dan has completely immersed in the discussion of what is required to create High Performance Homes. Dan has over 15 years of experience working directly for a contractor; doing energy audits, weatherization repairs, and consulting for private clients in both New Construction and the existing home market. Dan is the Technical Standards Chair for Home Performance Washington as well as an instructor at South Seattle Community College where he trains tomorrows Home Performance Workforce. Dan also provides Building Science consultation and training services for Fluid Market Strategies.

The Building Envelope

Presented by **Michael Aoki-Kramer**

Michael Aoki-Kramer, BA, J.D., LEED™ Accredited Professor.

Prior to joining RDH in January 2004, Michael led the City of Seattle's efforts to develop strategy, policy and building code requirements in response to the ever-growing prevalence of building envelope failures in the Pacific Northwest region. His knowledge of the local issues, building codes, and the Seattle design and construction marketplace make him a valuable addition to RDH.

Michael's particular building science focus includes the effect of interior environmental conditions on building envelope performance and the relationships between sustainable building, building durability and building codes. Michael was a member of the City of Seattle's "Green Building Team" that developed Seattle's groundbreaking "Sustainable Building Policy", the first municipal policy of its kind in the nation to adopt the US Green Building Council's Leadership in Energy and Environmental Design Green Building Rating System™. Michael's experience and knowledge of Washington State and Seattle Building, Mechanical, and Energy Codes is an asset to any project.

Pest Management/PCBs in Caulking

Juliann Barta, EPA & Tristen Garnder, EPA

Day Two, Thursday, February 3

9:15-10:00

Sustainable, Healthy and Green Practices

Presented by **Lila Wickham, Multnomah County Environmental Health**

Day Two, Thursday, February 3

10:00- 11:00

Panel Discussion: Fostering Sustainable Communities in the Northwest

The Greening of Sports Venues and The South Lake Union Redevelopment

Presented by **Brandon Morgan, Jason Twill and Darryl Bengé**

Brandon Morgan, Development Manager for Vulcan Real Estate, has 17 years of experience in residential development and has managed the development process for over 2,200 multifamily units in several jurisdictions in the Pacific Northwest, including five projects with LEED or Built Green certification. Since joining Vulcan Real Estate in 2004, he has managed the development and construction of 530 units of residential/mixed use, 400+ additional units in various stages of predevelopment, and serves as asset manager for Vulcan's 600-unit apartment portfolio. Additionally, he manages energy and water use benchmarking for the entire real estate investment portfolio and leads sustainability initiatives for Vulcan Real Estate.

Jason S. Twill, is the Senior Project Manager, Sustainability, at Vulcan Inc. Currently managing sustainability initiatives at Vulcan Inc., Jason has over a decade of experience in the areas of construction management, architecture, urban planning and real estate development. His work includes research and implementation of portfolio-wide resource conservation measures, creating investment strategies for alternative energy and water systems, and advocacy work for policies that support environmentally conscious design. Jason earned a masters degree in real estate finance and development from New York University and is a trained climate change communicator for both the city of Seattle and The Climate Project. Jason also currently serves on the board of the Cascadia Green Building Council as well as the steering committee for the Climate, Buildings & Behavior Project at the Garrison Institute. Jason is the father of two boys and spends his spare time wandering the Cascade Mountains with his family.

Darryl Bengé

In his role as Assistant General Manager, Darryl oversees maintenance and engineering, capital projects, fields, conversions and technical operations for Qwest Field and Event Center and the Virginia Mason Athletic Center. Prior to that he was the Director of Capital Planning and Projects where he was instrumental in the start-up, commissioning, and relocation of the Seahawks to their new home in Renton. Darryl joined First & Goal after working for the Experience Music Project and Science Fiction Museum (EMP|SFM) as the Director of Facilities and Operations. Darryl was instrumental in building teams and operational plans during the opening of both museums. In 1999 he worked for the Seattle Mariners in the engineering department and opened Safeco Field. Prior to joining

the Mariners, Darryl worked 16 years for the base operating service contractors at Naval Submarine Base Bangor. Darryl has a B.A in Business Management from the University of Washington and also earned a Certified Facilities Manager designation from IFMA in 2008.

Day Two, Thursday, February 3 11:20-12:10

Resource Conservation Management Presented by **Rich Prill**

Rich Prill is a Building Science and Indoor Air Specialist with the WSU Extension Energy Program. Rich has more than 25 years of teaching and research experience in the areas of building construction, energy and resource efficiency, ventilation, and indoor air quality. He is recognized regionally and nationally for his building science and IAQ work in schools and tribal buildings, and as a principal instructor for the Certified Building Operator Program.

Innovation in Green Affordable Housing Presented by **Sharon Lee**

We will showcase 6 new construction projects which include innovative green features at Cabrini First Hill Apartments, The Bart Harvey and Jackson Street Housing for seniors; housing for homeless veterans and others at McDermott Place and University Apartments; and housing for low-income and working families at Denny Park Apartments. The 50-unit as The Bart Harvey is conveniently located in South Lake Union and designed to LEED Silver equivalent and features a green roof. Denny Park Apartments were built with an innovative storm drainage system and residents have realized considerable energy cost savings.

Sharon Lee is the Executive Director of the Low Income Housing Institute (LIHI) and has developed over 3,500 affordable housing units in the Puget Sound region serving diverse populations including seniors, families, veterans, homeless people and the working poor. LIHI is a pioneer in green affordable housing and has won numerous awards. LIHI's Denny Park Apartments launched the GreenCommunities initiative with Enterprise and the Natural Resources Defense Council. Ms. Lee is Executive Editor of the statewide Housing Washington newsletter and has a Masters in Architecture and Masters in City Planning from MIT.

Tribal Housing: Community Organized Education on Building Health Presented by **Gillian Mittelstaedt**

Since 1992, Gillian Mittelstaedt has worked as a policy analyst for tribes and local governments, focusing on sustainability and environmental health. In 1996, her worked

shifted from policy to outreach, and to the respiratory impacts of airborne contaminants. Gillian's current focus is on the Tulalip Indoor Air & Wellness initiative, and developing culturally-relevant educational materials for tribal asthma campaigns. With three members of her family having asthma, it is both her professional and personal objective to change the profile of childhood asthma, through improved outreach, support systems, improved living environments and changes in policy at all levels. Since completing the Lung Association's Master Home Environmentalist course in 1996, Gillian has volunteered as an educator and legislative advocate for families living with asthma. She founded a parent-support group in 2006 and is now working to establish the Northwest Family Asthma Network as a non-profit organization. She earned a Master's in Public Administration from Syracuse's Maxwell School in 1991.

Case Studies of Achieving Health Indoor Air in Affordable Housing

Presented by **Sharon Patterson**

Multiple affordable housing projects in Idaho are achieving healthy indoor air quality through the LEED for Homes Rating System. Learn about two LEED Platinum Certified projects: a multifamily building and a single family home. This presentation also includes a case study on the highest scoring project yet in Idaho.

Day Two, Thursday, February 3

1:30-2:20

City of Bellevue Sustainability Project

Presented by **Sheida Sahandy**

Energy Star Homes

Presented by **Dan Wildenhaus**

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Open Space Discussion: Environmental Health in Energy Efficient Buildings

Day Two, Thursday, February 3

2:40-3:30

Sustainable Water Infrastructure Efforts at EPA

Presented by **Bryan Fiedorczyk and Dino Marshalonis**

This session will highlight examples of tools, partnerships, case studies, loans, grants, and technical assistance provided by EPA to communities that promote sustainable water infrastructure solutions and green infrastructure practices to more effectively deal with wastewater treatment, drinking water, and stormwater issues.

GHHI: A Comprehensive Approach to In-Home Interventions

Learn more about the National Green and Healthy Housing Initiative (GHHI), now underway in 14 pilot sites. GHHI is a new service delivery model that enables local programs to align, braid, and coordinate resources to maximize impact and efficiency and provide clients with greater access to services they need. GHHI is a way to unite local government, nonprofit and health service providers and easily determine where corporate and philanthropic donors can plug in to fill identified gaps. Most importantly, GHHI results in healthier children and families, safer and stabler neighborhoods, and green jobs employment and training: a triple bottom line to improve the local community.

Dino Marshalonis works as EPA Region 10's stormwater technical coordinator providing technical assistance and oversight to projects funded by the Puget Sound Watershed Management Assistance Program in the Office of Water and Watersheds. Dino is a member of the regional Puget Sound Team and Stormwater Work Group Monitoring Caucus, the national Green Infrastructure workgroup, and the national Stormwater Rulemaking workgroup.

Dino currently investigates the application of stormwater BMPs and LID to reduce stormwater impacts and provides the technical basis for federal regulatory change and rules revisions related to stormwater management. He received Masters and doctoral degrees in biology with focuses in toxicology and ecology, respectively.

Bryan currently works at EPA Region 10 as a program analyst providing oversight of projects funded by the Recovery Act for the Clean Water State Revolving Fund program in the Office of Water and Watersheds. At EPA, he is a member of the regional Sustainable Infrastructure Team, assisted in the regional coordination of the Partnership for Sustainable Communities with HUD and DOT, and is a member of the national Green Infrastructure workgroup.

Bryan Fiedorczyk has over ten years of experience in community and environmental planning. He currently serves on the APA Washington Board as Communication Committee Co-Chair and also co-authored the Water and Ecosystems section of

Sustainable Washington for the Chapter's Climate and Sustainability Initiative committee.

Thermal Imaging Infrared Photography

Presented by **Scott Wood**

Scott Wood has been involved in building investigations and testing using infrared thermography as an investigative tool for both the commercial and residential sectors for 6 years. He is a Senior Building Science Consultant for BCRA, Inc performing building investigations and evaluations from peer review of architectural planning designs to final building testing, evaluation and commissioning. In addition he has been the primary instructor/consultant for the Building Science Institute developing the training curriculum and instructing the various building science thermography courses BSI provides nationally since 2003. Mr. Wood has served as director of building sciences for the International Association of Certified Thermographers (IACT) since its conception in 2007. Prior to his position at BCRA, Inc. he was involved in the development of training curriculums, project management and investigations for the restoration industry. Much of Mr. Wood's time is also spent on technology investigation and transfer for infrared thermography's use in building science. He has performed hundreds of infrared thermography site evaluations as well as authored numerous papers, provided presentations, clinics and workshops regarding infrared thermography's use in restoration and building science.

Low Income Tribal Senior Green Housing

Presented by **Callie Ridolfi**

The "Elder Healthy Home" project is to showcase a prototype home to demonstrate an approach to green, affordable, and sustainable housing for senior citizens in the Puget Sound Area and Tribes in the region. The Elder Healthy Home was built in conjunction with the Puyallup Indian Tribe and was completed in the spring of 2008. EcoFAB provides jobs, on-the job skills development, and a career path by implementing projects that reduce energy use and carbon footprint in residential buildings and partnering with training institutions and organizations. Profits go to training and scholarships.

Callie Ridolfi is Managing Director of ecoFAB, a women-owned social venture around sustainable homes and work force development. She is a civil/environmental engineer and LEED accredited professional. Her inspiration comes from work in Indian country, where needs for healthy housing and living wage employment are great.

Ventilation Panel

Rich Prill, Dan Wildenhaus

