

GETTING TO ZERO

an innovative four-part series on net zero energy buildings



2014 AIA Seattle

Seattle City Hall in the Bertha Knight Landes Room

SPEAKER BIOS FOR SESSION 1: NOVEMBER 7, 2014

Session #1 Moderator:



Christopher Meek, AIA, IES is Research Associate Professor of Architecture at the University of Washington and a registered architect. He is co-Director of the Integrated Design Lab (IDL) at the University's College of Built Environments. In this role, he consults with design teams in the Pacific Northwest and nationally with a focus on building energy performance, daylighting, visual comfort, electric lighting, and climate responsive design. Mr. Meek teaches graduate and undergraduate level courses on building design, daylighting, electric lighting, and building technology at the UW Department of Architecture and in the Department of Mechanical Engineering.

Session #1 Speakers:



Joel Loveland is the Director of the Integrated Design Lab, in collaboration with the Department of Architecture at the University of Washington, Joel has delivered the daylighting consulting on over 150 projects per year across the states of Washington, Oregon, Idaho, and Montana as well as the province of British Columbia. Professor Loveland continues to travel widely, consulting on projects throughout the lab's territory as well as lecturing and teaching nationwide. In this effort, he is revisiting the major cities of the region to report on the lab's recent daylighting work, renewing acquaintances made at Daylighting Consultant Seminars and looking for the best way to expand and support the "Daylighting Network" of professionals throughout the Pacific Northwest.



Mark Frankel is the Technical Director for the New Buildings Institute. NBI develops programs, policy, training, and research on high performance buildings and energy efficiency for organizations all over the country. Currently Mark is involved in national coalitions to improve building performance feedback, market adoption strategies for net zero energy buildings and deep energy retrofits, and in the development and implementation of innovative codes and programs focused on building performance outcome and benchmarking. Mark has been consulting on energy efficiency and sustainable design for over 20 years. His work in this period has encompassed a broad range of technical topics, including lighting and daylighting, passive and high performance mechanical systems, commissioning, energy modeling, and site design, IAQ, stormwater management, water efficiency, and others. Mark has consulted on hundreds of capital projects, ranging in scale from single and multi-family residential projects to large commercial buildings and portfolio strategies. He also has extensive experience with the USGBC's LEED program, both as consultant to projects successfully targeting LEED, and as a technical consultant to the USGBC on the LEED program. Mark currently serves on the Boards of the USGBC and the Seattle 2030 District. He is a LEED Fellow and a licensed architect.



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Molly McCabe is Founder and President of Hayden Tanner, Molly is a management consultant and strategic advisor to global organizations and governmental agencies. Grounded in more than 20 years of experience in commercial real estate and business consulting, she is an innovator in the field of finance, sustainability and the monetization of deep energy retrofits. She has a unique, comprehensive and quantitative understanding of the triple bottom line and takes a systems approach in cultivating practical solutions and strategies to accelerate the

emergence of resilient buildings and vibrant, sustainable cities. Molly is the author of the book: Practical Greening: The Bottom Line on Sustainable Property Development, Investment and Financing as well as several research reports. She is the Vice Chair of the Urban Land Institute's (ULI) Responsible Property Investment Council and on their Climate and Land Use Advisory Panel (CLUE). She is an adjunct professor at the Boston Architectural College and a Research Fellow for the Responsible Property Investing Center. Before starting her entrepreneurial career, she spent several years in corporate America. Originally from San Francisco, she now lives with her family in Northwest Montana.

The Greenfire Campus Team:



Ray Johnston was born in Honolulu, Hawaii and grew up in Tacoma, Washington. He developed an interest in the built environment as an undergraduate at Whitman College where he designed theatrical sets for the Harper Joy Theater. Ray later attended the University of Washington to pursue architecture. Through years of study and practice, Ray believes in the importance of designing highly functional spaces that don't compete with but complement the site, surroundings and character of the community. His approach to design is inclusive and holistic, and he has a firm belief in collaboration. Each project is unique and elicits a fresh response that speaks of its circumstances. To Ray, architecture is a "magnificent obsession." He built JA on the knowledge that the most successful projects stem from effective communication, skill, and attention to detail. His experience has given him the insight and ability to recognize each project as a distinct expression of its community, requiring a specific solution rather than a standard stylistic treatment.



Jesse Anderson was born and raised Seattleite who has always been interested in the environment. He began working in property management with Blanton Turner LLC which has provided him an opportunity to work with the Greenfire Campus project. He has been working solely with this project since May of 2013. Prior to working in the property management field, Jesse lived Sweden for several years where he obtained my MSc. in Sustainable Development.

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Mark Garff is a Principal and manages the Seattle office of Project Groundwork, a site design and landscape architecture firm. Raised in Utah, Mark's early life was filled with camping and river rafting trips through the desert southwest, developing a love for the outdoors and an appetite for understanding natural systems. His passion for plants and nature logically lead to a degree in Landscape Architecture from the University of Washington. Mark enjoys creating spaces that are both beautiful and send a message of ecological sustainability. He specializes in environmentally-sensitive landscape design and Low Impact Development, making the most of tough sites with complex constraints. His work for both private and public clients combines aesthetics with biological integrity and includes site planning as well as shoreline restoration, interpretive design and detailed garden design.



Ginger Garff is a designer at Johnston Architects and a LEED Accredited Professional. She has managed several LEED certified projects and led the in-office effort to educate staff, clients and consultants on new strategies and how to better implement them on projects.



Tom Marseille is Managing Director for WSP Seattle, where his practice covers delivery of comprehensive building systems engineering services, including everything from feasibility assessments to master planning, design, commissioning and operational performance verification. Tom's passion is to deliver high performance building solutions to clients that are practical, resilient and resource-responsible. Tom's career also includes serving as a Building Senior Research Scientist for Pacific Northwest National Laboratories and Director of Technology and Analytic Services for Honeywell's Building Information Services business. Tom was on the technical committee responsible for development of the first ANSI-accredited Green Building standard. He has served on the Cascadia Green Building Council Board of Directors, the ILFI Board of Directors, the Seattle Mayor's Green Building Task Force, and as moderator for the 2011 and 2012 AIA+2030 Professional Series in Seattle. Tom currently is a member of the City of Seattle's Deep Green Pilot Program Technical Advisory Group (TAG).



Elizabeth Rinehart serves as Walsh Construction Co.'s representative on the Housing Development Consortium, a group of non-profit organizations working together to provide affordable housing in Seattle and King County. Elizabeth has taken an active role as a community builder. She has worked on pioneering and sustainable projects that provide new housing, services and neighborhoods for individuals, families and seniors throughout the Puget Sound Area. Her recent work includes the LEED Gold YWCA Family Village at Issaquah, Brettler Family Place and Phyllis Gutierrez Kinney Place at the former Sandpoint Naval Station, and the award-winning



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Greenfire Campus, a prominent green project in Seattle designed to LEED Platinum and Gold. Elizabeth served as an AmeriCorps Construction Team Leader for East King County Habitat for Humanity and also has background working as a Planner and a Permit Coordinator for two different municipalities.