

## Speaker Biographies

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### Peter DeMarco

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Pete DeMarco is the director of special programs for IAPMO. His responsibilities include oversight of IAPMO's water efficiency and green building initiatives, standards development activities, domestic and international plumbing code development and development of research projects relating to water efficiency. Prior to joining IAPMO, Pete was a 32-year veteran at American Standard's Kitchen and Bath division. Pete also served on the Board of Directors and on the Executive Committee for the Plumbing Manufacturers Institute (PMI). Notably, Pete also co-chaired the Steering Committee for Water Efficient Products, fostering the development of the US EPA WaterSense® program for efficient plumbing, irrigation and other water consuming products and systems. More recently, Pete was named as the technical chair of the Plumbing Efficiency Research Coalition (PERC) to spearhead their current research program on plumbing system efficacy in light of the emerging trends towards lower water consuming plumbing fixtures and appliances.

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### Karen Ehrhardt-Martinez, Ph.D.

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Dr. Ehrhardt-Martinez is the Director of the Climate, Mind and Behavior Program at the Garrison Institute and a Senior Research Associate with the Renewable and Sustainable Energy Institute (RASEI) at the University of Colorado. Karen has nearly 20 years of experience in applied and academic research with a focus on the social and behavioral dimensions of energy and climate change. Karen is a cofounder of the Behavior, Energy and Climate Change (BECC) Conference and served as the BECC Conference Chair in 2009. Karen has also provided expert testimony before the U.S. House Committee on Science and Technology's Subcommittee on Energy and Environment. During her employment with the American Council for an Energy-Efficient Economy, Karen was responsible for leading the organization's research program on the social and behavioral dimensions of energy efficiency and environmental change. Among Karen's recent accomplishments is an edited volume on the social and behavioral dimensions of energy and climate change entitled "People-Centered Initiatives for Increasing Energy Savings" and a meta-review of the impact of advanced metering initiatives and residential feedback programs. Karen is a Fellow of the Royal Academy of Arts and Manufactures and a member of the Climate Change Task Force Steering Committee for the American Sociological Association.

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### Asa D. Foss

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At the US Green Building Council, Mr. Foss is responsible for the development of the LEED for Homes rating systems, as well as providing technical support to LEED for Homes practitioners. He is serving as chair of BPI's Standards Technical Committee, and sits on RESNET's Technical Committee. Prior to his work at USGBC, he designed and managed Maryland's award winning Home Performance with ENERGY STAR program. While running that program, he also spent time in the field training over 150 energy auditors and energy retrofit contractors.

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## **David L. Karmol**

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David Karmol is Vice President for Federal and External Relations at the International Code Council. He has responsibility for managing the Council's relationships with Congress, Federal agencies, and outside organizations. Prior to joining the Code Council, Mr. Karmol was the NIST Standards Advisor to Iraq, stationed at U.S. Embassy Baghdad for one year, where he was detailed by the U.S. Department of Commerce. He was relied upon by U.S. Embassy and U.S. military personnel for advice relating to standards and codes involved in the reconstruction and re-development of Iraq, and assisted various ministries of the Government of Iraq in developing and adopting standards systems and capabilities. He previously served five years as Vice President, Public Policy and Government Affairs at the American National Standards Institute (ANSI). Prior to joining ANSI, Mr. Karmol held several positions in the federal government, including Associate Counsel to the U.S. House Judiciary Committee, specializing in issues relating to the administrative process by which federal agencies adopt rules and regulations. Before moving to the Washington area, he was an elected member of the Ohio House of Representatives, serving two terms representing a district in Toledo, Ohio.

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## **Thomas Kenney**

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Thomas Kenney is vice president of the NAHB Research Center, an engineering and consulting firm that is also a subsidiary of the National Association of Home Builders. As vice president, Mr. Kenney heads up work that the Research Center conducts in the consensus standards development arena, and is active in several professional societies on standards, including: ANSI – American National Standards Institute, ANSI Z765 square footage standard for residential buildings, ICC 700 National Green Building Standard and ASME - Plumbing Fixtures. Kenney holds a B.S. in Mechanical Engineering from Pratt Institute, and is a registered professional engineer in Maryland and Florida.

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## **Tom Liebel, FAIA, LEED Fellow**

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Mr. Liebel is a Principal with Marks, Thomas Architects, a Baltimore-based multi-disciplinary design firm. Recently elevated to the College of Fellows of the American Institute of Architects, Tom was also one of 34 individuals just named to the inaugural class of LEED Fellows. Tom has been involved in integrating sustainable design principles into a variety of ground-breaking adaptive use and historic preservation projects over the past fifteen years, including the innovative mixed-use projects, such as Miller's Court and Union Mill. Projects Tom has worked on have received multiple local, state and national awards for design, smart growth, sustainable design and historic preservation, including national awards from the American Institute of Architects, Urban Land Institute and the United States Environmental Protection Agency. He is involved in ongoing research exploring the relationship between sustainability, preservation and urban design, and has a particular interest in the use of urban adaptive use projects to promote neighborhood revitalization and civic engagement. Author, critic and mentor, Tom has consulted on green projects nationally and internationally and in 2009 authored a chapter on sustainable design for the National Trust for Historic Preservation's Main Street Program publication, *Revitalizing Main Street: A Practitioner's Guide to Comprehensive Commercial District Revitalization*. Most recently, Tom was appointed by the Governor of Maryland to Chair the state Green Building Council.

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**Merle F. McBride, Ph.D., P.E.**

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Dr. McBride is employed by Owens Corning and is on their Senior Technical Staff. His degrees in Mechanical Engineering are from the Ohio State University. He is a registered professional engineer in Ohio. His technical focus has been on the energy performance of residential and commercial buildings focusing on U.S. energy codes and standards. Dr. McBride has served on several ASHRAE Technical Committees, contributed to handbook chapters and served ten years on the Standards Committee. His current committee appointments include: Standards 189.1, 90.1 and 90.2-Chair. He has been on all ten of the ASHRAE AEDG committees.

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**Anthony R. Quinn**

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Mr. Quinn is the Director of Public Policy and International Trade for ASTM International. His role is to maintain communications between policy makers and government organizations as it related to standards. He is also tasked with building a broad-based network that reaches beyond the standards community to raise awareness regarding the importance of standards and of the policy challenges that U.S.-domiciled standards development organizations face today. Prior to joining ASTM, Mr. Quinn was the Senior Government Relations Representative for the American Society of Mechanical Engineers (ASME) where he managed the Societies policies for standards, defense, aerospace and bioengineering. He worked as a Legislative Aide to the late Congresswoman Stephanie Tubbs Jones (D-OH) for several years covering health, homeland security, agriculture, telecommunications, and technology issues. Anthony earned his bachelor's degree from the Maxwell School at Syracuse University where he was a Ronald E. McNair Scholar and his master's degree from Johns Hopkins University in Public Policy and Public Health.

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**Sam Rashkin, R.A.**

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Mr. Rashkin has recently joined the Office of Energy Efficiency and Renewable Energy at the Department of Energy to help deploy successful energy efficiency research for new and existing homes. In his prior position, he managed Energy Star for Homes since its start in 1996. Under his leadership, Energy Star for Homes grew exponentially to more than 8,000 builder partners, over one million labeled homes, and nearly 30 percent market penetration nationwide. Mr. Rashkin received his Bachelor of Architecture from Syracuse University; completed Masters of Urban Planning studies at New York University; and is a registered architect in California and New York. During his 20-plus years as a licensed architect, he specialized in energy efficient design and completed over 100 residential projects. He has served on the national Steering Committees for USGBC's LEED for Homes, NAHB's Green Builder Guidelines, and EPA's Water Sense label, and on the development team for EPA's Indoor airPLUS label. Sam has authored a new book titled "Retooling the U.S. Housing Industry: How It Got Here, Why It's Broken, and How to Fix It" that presents a comprehensive strategy for reinventing housing industry at a time of crisis. Sam has also prepared hundreds of articles, technical papers, reports, and seminars; and contributed to other books on energy efficient and green construction.

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**Harvey M. Sachs, Ph.D.**

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Harvey Sachs is a Senior Fellow in the ACEEE Buildings Program. His responsibilities include building codes, standards, and market transformation for the residential and commercial sectors, including evaluating emerging technologies, and specific programs for energy-saving technologies and practices. Sachs trained as a geological oceanographer, but turned his attention to indoor air pollution and energy efficiency while on the Princeton University faculty. Sachs served as Assistant Commissioner in the New Jersey Department of Commerce, Energy, and Economic Development, and as Policy Director of the Center for Global Change, University of Maryland. He was technical director of the Geothermal Heat Pump Consortium. He is active in ASHRAE (Advocacy, Planning, and several Technical Committees). For “recreation” he and his wife have done residential efficiency improvements in a succession of balky old houses. He is also an avid bicycle rider, bike commuter, and restorer of vintage bicycles, and has been known to overturn his kayak and canoe in the Potomac River and other streams.