



## Speaker Biographies

### **Warren Cox, *Sandia National Laboratories***

Warren Cox is a Principal Member of Technical Staff at Sandia National Laboratories where he has worked on a variety of programs spanning environment, national security, energy systems, international programs, independent assessment, laboratory operations and business continuity. Prior to joining Sandia, Warren worked in nuclear waste repository performance assessment, university research and a variety of business management, accounting and consulting positions. Warren holds a B.A., Business Administration, M.S., Hydrology and is currently working on a Master's in Public Health.

### **Michael Dietz, *Utah State University***

Mike is an Assistant Professor and Extension Specialist in Sustainable Living at Utah State University. He is a recent arrival from Connecticut, where he worked in the Extension system at the University of Connecticut, providing outreach on water quality and low impact development issues. Mike's research has focused on alternative stormwater treatment practices, and on the human dimension of natural resource issues. Energy and sustainability issues are the focus of his current position. His current responsibilities at USU include oversight of the Utah House, which is located in Kaysville. The Utah House is a demonstration project which highlights sustainable construction techniques. He obtained all of his degrees from the University of Connecticut: a BA in Psychology in 1994, MS and PhD in Natural Resources Management and Engineering in 2001 and 2005.

### **Meghan Golden, *Build Green Utah***

Meghan Golden has spent the better part of the past decade immersed in sustainability. Drawn into the building industry through an interest in architecture, she holds a Bachelor of Science in Architectural Studies from the University of Utah, continued her academic career at the Ecosa Institute for Sustainable Design and most recently has acquired an MBA in Sustainable Business from the Bainbridge Graduate Institute.

After spending time in historic restoration for the National Park Service, and working on a variety of green construction sites worldwide, Meghan is now the Director of Build Green Utah. She joined Build Green Utah prior to the program's launch in 2006. Since then, she has guided the organization through more than 300% growth in membership, the development of formal green building education, expand home verification services to be offered statewide, and most recently to become a Provider of the LEED for Homes program.

### **Rob Hammon, *Principal, ConSol***

Principal of ConSol since 1990, Rob Hammon oversees ConSol's consulting department, which specializes in residential new construction research, development, and demonstration projects including market analyses, energy-savings assessments, energy-efficient building design, energy-efficiency program design and implementation,

interpretation of regulations, and training, for governments, utilities and industry at the local, state, and federal levels. He has over 20 years experience in energy-efficient and sustainable design in new residential construction.

Dr. Hammon has pioneered quality construction as a market driver for energy efficiency, especially via voluntary programs. He has also developed builder protocols for energy-efficient quality construction as well as for use and installation of residential photovoltaic systems. Hammon assembled a national research team and successfully secured funding from the U.S. Department of Energy for an innovative research project that began in 2004 to build and test marketable prototype homes that are 40-70 percent more energy efficient than typical new homes. He has also assembled two California Teams working on separate projects funded by the California Energy Commission to design and build "Zero Energy New Homes" with production homebuilders and to develop methods to make advancement of such communities sustainable. In 2005 Hammon was named to California Governor Arnold Schwarzenegger's Energy Efficiency Subcommittee Green Action Team. In early 2006 he was tapped to co-chair the New Solar Homes Partnership Advisory Committee that advises the California Energy Commission (CEC) staff and its commissioners how to create the most effective program to encourage solar technology in new home construction.

Prior to joining ConSol, Hammon ran his own consulting firm where he developed energy-efficiency related software. Previous to that, he held senior positions at International Bioaccess Systems Corporation and SRI International. He has an extensive background working and partnering with various government entities, including the U.S. Department of Energy, the U.S. Office of Technology, and U.S. Department of Defense, and National Institutes of Health.

Hammon received a Bachelor of Science degree from the University of California at Berkeley. He also earned a Master of Science degree and a Ph.D. from the University of California at Davis. Hammon has also received numerous awards and honors throughout his career, including Associate of the Year award from the Southern Nevada Home Builders Association, U.S. EPA Ally of the Year award for outstanding technical assistance, and Pacific Gas & Electric Company Energy Efficiency Services Excellence award. He holds several U.S. patents.

### **Blake Howell, *ECOS***

Blake Howell is an on-site Program Manager for two of Rocky Mountain Power's Demand Side Management programs - specifically the ENERGY STAR® New Homes program and the Solar Incentive program. This role involves him in residential development and solar installations in the Rocky Mountain Power service territory throughout the state of Utah.

For the New Homes program Blake's responsibilities include builder recruitment, developing trade alliances, and training the Sales and Marketing personnel of new home builders. The Solar Incentive program requires Blake to interact directly with the customer who is installing a solar photo-voltaic system on their property. Application processing, site inspections, incentive distribution and overall program management are some of Blake's duties for this program.

Blake's prior work experience has been in sales and marketing for the Utah Jazz, and for Televox, a software company specializing in Inter-Active Voice Response software. Most recently Blake owned and managed a residential construction and development company.

**Kelly Knutsen, *Utah Clean Energy***

Kelly Knutsen is the Senior Policy Associate for Utah Clean Energy, a non-profit organization working to advance renewable energy and energy efficiency policies and programs in Utah. He is the director of the Solar Salt Lake initiative, a partnership between Salt Lake City, Salt Lake County, Kennecott Land, Utah Clean Energy and Rocky Mountain Power that evaluates barriers to solar implementation and develops strategies to address them. Prior to joining Utah Clean Energy, he was a post-doctoral researcher with Art Nozik and Mike Heben in the Basic Sciences Division at the National Renewable Energy Lab in Golden, CO, where he studied solar cell materials including silicon nanocrystals and carbon nanotubes. He received his Ph.D. in chemistry from the University of California, Berkeley, in 2005 and his B.A. in chemistry from Carleton College in Northfield, MN, in 1999.

**Piper Rhodes, *Kennecott Land Company***

Piper is Manager of Sustainable Development, Health Safety & Environment for Kennecott Land Company. She is responsible for the development and implementation of sustainable development strategies and interfacing with stakeholders on all relevant environmental and sustainability issues. Other responsibilities include managing the company ISO 14001 certified Health, Safety & Environment Management System and implementation of other Rio Tinto corporate initiatives. She joined Kennecott Land in May 2005.

**Kristin Shewfelt, *Architectural Energy Corporation***

Kristin Shewfelt is the LEED® for Homes Program Manager and the Implementation Residential Energy-Efficiency Program Manager for Architectural Energy Corporation's Residential Services Team.

Ms. Shewfelt comes to AEC with a strong background in the development, implementation and evaluation of environmental and energy management programs. Prior to her work at AEC, she was the Program Development Officer at E-Star Colorado, where she managed the development of the ENERGY STAR for New Homes program in conjunction with a local municipal utility, and the Home Performance with ENERGY STAR program that trains trade contractors to conduct whole-house energy assessments in the existing home market. She also worked for over eight years as the Director of Environmental Programs at McStain Neighborhoods, a leading-edge production builder in Boulder County, Colorado. Kristin has been heavily involved in the "greening" of the residential industry for many years in Colorado, and often guest lectures on behalf of the Institute for the Built Environment in their Green Building Certificate Course.

**Blake P. Smith, *Questar Gas Company***

Mr. Blake P. Smith currently serves as Program Manager of Demand Side Management (DSM) for Questar Gas Company. Mr. Smith has the responsibility of managing energy-efficiency and DSM programs in the state of Utah's regulated environment.

He has been with Questar Gas Company for 31 years. The majority of this time has been in Forecasting and Regulatory Affairs, and most recently in DSM. He served on the Utah Public Service Commission's ordered Task Forces on DSM and Low Income Weatherization during 2003-2004. Since 1997, he is also one of twelve appointed by the Governor to serve on the State of Utah's Population Estimate Committee.

He has a Bachelor of Science Degree in Economics from the University of Utah. He and his wife Jan are natives of Salt Lake City and have two daughters, one son, and one son-in-law. They reside in Salt Lake City.