

NW Green Building Industry Summit
NWGREENBIS 



BuildingGreen™
COUNCIL OF CENTRAL OREGON

October 16 & 17, 2009

Deschutes County Fair and Expo Center
Middle Sister Building
3800 S.W. Airport Way, Redmond, Oregon 97756

Sponsored by





NW Green Building Industry Summit and Living Green Expo

SCHEDULE OF EVENTS

**Friday and Saturday
October 16 and 17th, 2009
8:30 am – 5:00 pm**

Early Bird Registration Fee: \$25 COBA and Building Green Council Members; \$ 50 for non-members

At the Door: \$35 COBA and Building Green Council Members; \$ 60 for non-members

Location: Deschutes County Fair and Expo Center, Middle Sister Building
3800 S.W. Airport Way, Redmond, Oregon 97756

Contact Tim Knopp or Nick Shein at: timk@coba.org , nicks@coba.org or at (541) 389-1058

SUMMIT DESCRIPTION

The focus of this year's NW Green BIS will include continuing education for residential and commercial builders, subcontractors, architects, interior designers and realtors as well as networking with industry colleagues. Attendees will gain industry and product knowledge in a single cost-effective weekend. In addition, contractors will be able to satisfy nearly all elective continuing education requirements needed for license renewal.

Learn about sustainable building materials, building the High Performance home, building green and Oregon code. Learn how to plan and execute green building designs including a Net Zero home. Understand the commercial green building certification programs and how they will benefit you and your customer. Gain proficiency in researching innovative green processes, codes and products. Learn how to qualify for green building incentives and rebates. Review the energy performance data and cost savings of green buildings and selling green homes. Enjoy a panel presentation by local industry professionals with a case study of a local home and the virtual make-over they would suggest. Moisture intrusion fundamentals, biomass basics, porous asphalt, healthy indoor air strategies as well as deconstruction projects are also part of the Summit. Learn how to collect and use solar power off the grid in rural areas as well as solar on the grid in various uses.

Course Schedule

Friday	Middle Sister	Elk Room	Eileen Room	Doris Room	Eastlake
8:30-9:00	Registration & networking				
9:00-9:10	Welcome – Tim Knopp				
9:10-10:15	Keynote – Mark Laliberte				
10:15-1:00	Preview Living Green Expo and lunch break				
1:00-2:30		Sustainable Building Materials 101	Understanding Oregon's Energy Code	Biomass Basics	Advanced Framing
2:45-4:15		Porous Asphalt and Storm water management	Building a High Performance Home	Energy Performance Scoring	Bring the Ducts Inside

Saturday	Middle Sister	Elk Room	Eileen	Doris	Eastlake
8:30-10:00		Battery Based Solar	Green Building and Oregon Code Part I	Ecology Based Landscapes	Sustainable Applications – A Green Renovation Part I
10:15-11:45		From Here to Net Zero	Green Building and Oregon Code Part II	Incentives and Tax Credits: Get Green for Going Green	Sustainable Applications – A Green Renovation Part II
11:45-1:00	Lunch break & networking				
1:00-2:30		Selling Green Buildings	Green Building and Oregon Code Part III	Ways to Green Your Heating System and Improve the Quality of the Air You Breathe	Solar Energy
2:45-4:15			Non Traditional Building Techniques	The Art of Deconstruction	Making Sense of Green Certifications for Commercial Buildings

Program Description

Keynote Address

The NW Green Building Industry Summit is a two-day convention that focuses on education and networking primarily on developments in green building. Thanks to OrePac Building Products, the keynote address will be delivered by Mr. Mark LaLiberte, of Building Knowledge, Inc., a nationally renowned building scientist.

Sustainable Building Materials 101: Healthy Home, Healthy Community, Healthy World™

This hands-on workshop is designed for the enlightened person concerned about their health and comfort. Jordan Swart, founder and owner of *brilliant environmental building products*, provides guidance about healthy, sustainable & beautiful products for your home project. Learn about these materials that do not contain or emit hazardous chemicals, organic pollutants, carcinogens, toxins, or VOC's, do not contribute to cancer, allergies, hormone interference, and reproductive, hormonal or developmental harm, and do use sustainably-sourced, bio-based, recycled or recyclable materials. Learn about the installation, product details, costs, beauty, and durability of safe building products. Touch and test samples of flooring, countertops, paints and more. Why not build it right? This 90-minute investment could change your family's life.

Understanding the Oregon Residential Energy Code

Jonathan Balkema, Oregon Home Builders Association. This class is an in-depth look at how to comply with the energy code requirements of the 2008 Oregon Residential Specialty Code. The class discusses the requirement for the thermal envelope, interior lighting, and the additional energy conservation measure. The class will also discuss possible future changes to the energy code. This class is brought to you by the Oregon Department of Energy and will apply to the 2010 required continuing education requirement for contractors.

Biomass Basics

Jon Thomas, LDJellison. The State of Oregon provides the best environment and financial incentives to develop renewable energy projects. The seminar will cover the basics for understanding biomass and how it can be utilized in power generating facilities. A synopsis of the biomass industry will be discussed including gathering and processing, current state of the industry in PNW, financial incentives, current projects and the conversion process to produce electricity.

Advanced Framing and Beyond

Eli Caudill, of the Energy Trust of Oregon. This session will provide a basic working definition of advanced stick framing and briefly consider some advanced framing techniques. Topics will include thermal bridging, simple techniques, as well as moving beyond towards a net zero stick framed home. Explore an array of planning recommendations while keeping the 'house as a system' philosophy in mind. Regardless of your interest – reduced costs, environmental concerns, or building performance and durability – here is your opportunity to look at what makes sense and how to go about it.

Porous Asphalt and Storm Water Management

Dave Vogt, Hooker Creek, has taken the importance of storm water management to the streets, or driveways and parking lots, with porous asphalt. Building Sustainable Parking lots with Porous asphalt and other asphalt innovations: Learn how to earn LEED credits in your parking lots through on-site storm water management, recycling and reduced carbon emissions in the production and construction of asphalt pavements.

Building the High Performance Home

Jonathan Balkema, Oregon Home Builders Association. This class is an in-depth look at how to comply with the technical requirements of the Oregon Department of Energy High Performance Home. The class discusses the requirement for the thermal envelope and the additional energy generation measures. The class will also discuss relevant rebates and tax credit available when building a High Performance Home. This class is brought to you by the Oregon Department of Energy and will apply to the 2010 required continuing education requirement for contractors.

Energy Performance Score Seminar

Christina Cabrales, Energy Trust of Oregon. Energy Trust of Oregon's New Homes trade ally builders will receive incentives and Energy Performance Scores (EPS) when they build homes beyond Oregon code. EPS is like a miles per gallon for a home, a measurement tool that helps define a home's utility costs and carbon dioxide emissions based on energy consumption. Homebuyers will now be able to compare homes based on energy consumption, environmental impact and estimated energy costs. Energy Trust is providing training to bring trade allies up to speed on EPS. Learn why ratings are important, how Energy Trust incorporates the EPS into the New Homes Program, how to use EPS as a sales tool and what energy measures will ensure the best scores on new construction projects. Attendees will be informed of the Energy Trust incentive structures and how green certifications programs will incorporate the EPS.

Bring the Ducts Inside

Eli Caudill, of the Energy Trust of Oregon. In many homes, ducts run through attics, garages and crawlspaces for convenience and practicality. Learn why locations of ducts have a significant impact on home comfort, indoor air quality and the efficiency of distributing conditioned air. Find out why the practice of bringing ductwork inside conditioned space will dramatically improve the home's overall efficiency and reduce energy costs. Finally, you will learn about financial incentives available for homes built with ducts inside conditioned space.

Solar Off the Grid

Dean Abney, Abney Solar Electrix, will take participants off the grid with battery based solar arrays and discuss the solutions for both off and on the grid needs.

Residential Green Building and the Building Codes

Jonathan Balkema, Oregon Home Builders Association in partnership with Earth Advantage Institute is offering Residential Green Building and the Building Codes. This class looks at green building techniques and the opportunities & challenges of implementing them within the Oregon Codes. The class is also an overview of green building, third party certification programs, and incentives. This class is brought to you by the Department of Consumer & Business Services: Building Codes Division and will apply to the 2010 required continuing education requirement for contractors.

Ecology Based Landscapes: Site Planning and Conservation

Rick Martinsen, Winter Creek Restoration. The conservation of resources and the opportunity to enhance site features is often overlooked during the early planning stages of a project. Learn about site evaluation, vegetative surveys, native plant species and identification of opportunities for ecology based landscapes. This course will discuss ways to incorporate existing conditions and identify opportunities that can provide marketing benefits, save money during development and construction, and contribute to LEED certification.

Sustainable Applications: A Green Renovation (A Virtual Makeover)

Hosted by the High Desert Design Council

Mindy Lyman, Jorden Swart, Chelsea Schneider, Cindi O'Neil, Lawrence Schechter, Tom Dumolt, Stephanie Crutchfield, and Earth Advantage

This seminar's goal is to educate professionals by focusing on the *application* of sustainability rather than *general information* about sustainability. Experts on sustainable building, lighting, materials, landscaping, interior design and green certifications & incentives will evaluate an existing home and offer their sustainable solutions and renovation ideas in a way that demonstrates real solutions attendees can use in their own projects. Experts will evaluate and provide suggestions to actual renovation problems with real budgets in mind. Topics will cover "best bang for the buck" solutions, the latest trends in green building and what Central Oregonians have been putting to use. This new twist on the traditional seminar will show real world solutions to green renovation problems and provide attendees with ideas and answers they can use.

From Here to Net Zero

Bruce Sullivan, Earth Advantage. Building industry visionaries are starting to form a picture of what it might be like for all buildings to generate more energy than they use over the course of any given year. These are called Net Zero buildings. Learn what Net Zero means, what still needs to be defined and see examples of projects that have already achieved this goal. This session will focus on residential buildings.

Incentives and Tax Credits: Get Green for Going Green

Diana Fischetti, Earth Advantage and Energy Trust of Oregon; Megan Clark, Energy Trust of Oregon; Christine Cabrales, Energy Trust of Oregon. We know that energy-efficient and renewable-energy residential and commercial buildings are less expensive to *operate* than standard buildings. But, how can these projects be less expensive to *build*? In this session, you will learn about the cash incentives and tax credits available for new and existing homes and commercial buildings, as well as for solar and other renewables. This session will include incentives and rebates available at the local, state, and federal level, focusing primarily on Energy Trust of Oregon offerings.

Selling Green Buildings

Bruce Sullivan, Earth Advantage. How can "green" buildings can be defined? How can you identify the benefits? How can you match the benefits to the proper buyer? What new tools will soon be available to sell green buildings? Why is first cost no longer an issue for green buildings? This session will answer all these questions and more. The new idea of an Energy Performance Score for buildings will also be discussed. EPS is a tool that communicates the expected energy performance of any building.

Ways to Green Your Heating System and Improve the Quality of the Air You Breathe

Ric Secor, Tri County Climate Control. Learn ways to Green your heating and cooling system and improve the quality the air you breathe. Your heating and air conditioning system can do much more than just heat and cool. See how recent technology can improve the quality of the air we breathe, improve health and lower energy bills.

Turn Sunlight into Savings: Solar Energy for the Home

Chance Currington, Scott Gahan, Stephanie Manzo, Sunlight Solar. This presentation will focus on ways that homebuilders and homeowners alike can optimize solar production on their homes and maximize energy savings. Participants will learn about recent trends and factors in the solar industry that have helped make solar so affordable in recent months. Sunlight Solar staff will review the latest in solar electric & solar hot water technology, system design, and incentives & tax credits. This seminar will also include an overview of the Oregon Dept of Energy High Performance Home program for homebuilder-installed renewable energy systems.

Non-Traditional Building Techniques

Brent Dattke, Peter Coughlin, Andrew Kuperstein. What are other methods of construction than what we typically see in Central Oregon. The Non-Traditional building techniques class will elaborate on highly efficient buildings constructed in non traditional methods of Straw Bale, Staggered Stud, SIP's (structural insulated panels), and ICF's (insulated concrete forms) and will touch on spray foam insulation. Come and learn more about these non-traditional techniques.

The Art of Deconstruction

Callahan Dillon, Paul Schmitz. This class will present a broad view of the deconstruction industry, with a look at the East Coast, our coast and into the future. Carefully taking apart old buildings that have otherwise completed their useful lifespan and creating new buildings, flooring, furniture, artwork is the product of deconstruction. Important information will be provided regarding licenses, permits, and insurance requirements for contractors and deconstruction projects. Case studies will be shared detailing which types of deconstruction projects 'pencil out' for contractors and home-owners.

Making Sense of Green Certifications for Commercial Buildings

Diana Fischetti, Earth Advantage and Seth Anderson, Steele Associates Architects. Are you puzzled by the recent increase in commercial green building certifications? Why are there so many? How can you distinguish between them? What are the differences? Which certification is appropriate for your project? Learn about the various green certifications for commercial buildings. This session will include many of the certifications out there, but focus primarily on the LEED™ (Leadership in Energy and Environmental Design) and Earth Advantage Commercial certifications.

Representative Biographies

Keynote Speaker:

Mark LaLiberte, Building Knowledge, Inc.

Mark LaLiberte is a recognized industry trainer, author and consultant with more than two decades of experience. His focus is to help the building industry learn to build better homes and better businesses. Mark has a deep personal commitment to his work and strives to help his clients increase the performance of the homes that they build and translate those changes into business success. In high demand, Mark reaches more than 8,000 builders in the U.S. a year through his private services, and has been a featured speaker at such events as the NAHB International Builders Show, PCBC, Sunbelt Builders Show, and JLC Live conferences. He was a co-creator of the Houses That Work™ program, an educational series provided by the Energy & Environmental Building Association (EEBA) which is based on the U.S. Department of Energy's Building America Program, and has served in an advisory capacity on the EPA's ENERGY STAR Program and the Minnesota Energy Code Advancement Project. On an international scale, Mark has provided training to members of the Warsaw, Poland housing industry and the International Housing Symposium in Tokyo, Japan. In addition to being the onscreen guide for BKI's Building Better Homes Series, Mark's media involvement includes his role as a spokesperson for the Ad Council's Energy Hog Campaign and appearances as an on-camera content expert in TLC's Home Pro and Home Savvy series and the PBS Hometime series.

Dean Abney, Abney Solar Electrix

Dean designs and installs battery based systems with a focus on off grid renewable energy systems. Dean has over 25 years of experience in the field, working on every type of project from recreational vehicles to extremely large, complex, fully self contained homes and utilizing all aspects of renewable energy including wind, hydro, and solar. He is an original member of OSEIA (Oregon Solar Energy Industries Association) and a board member since 2006, as well as a featured speaker at the OSEIA Solar Expositions. In addition, he teaches at Portland Community College and Sol-West in John Day, Oregon every year. He is on the OSEIA committee to offer improvements and updates on the building code as it pertains to his field in the State of Oregon.

Seth Anderson, LEED-AP, Steel Associates Architects

Seth Anderson is a Leadership in Energy and Environmental Design (LEED)-Accredited professional and a registered Architect in the state of Oregon. Seth has been with Steele Associates Architects for more than five years and is currently a Project Architect leading document preparation and LEED® implementation. His current projects include the US Forest Service Bend Pine Administrative Site and Clatskanie People's Utility District Campus, which is also LEED registered. He has managed, documented and assisted projects that have received certification in the New Construction, Core and Shell, and Commercial Interiors rating systems. Seth's past duties have included project management for the LEED Certified Bechtel Materials Handling Facility in Richland, Washington; Pioneer Crossing Shopping Center in Bend; Baney Corporate Headquarters in Bend; and 9th and Rose Retail Center (LEED registered) in Walla Walla, Washington.

Johnathan Balkema, Oregon Home Builders Association

Johnathan is the Codes and Technologies Director for the Oregon Home Builders Association. He has a background in residential design and construction and is a graduate of Oregon State University, where he earned a degree in Housing Studies, focusing on residential design, housing finance, management, and policy. He has professional construction experience with production and custom homes. He started his construction career as a laborer/framer with a mid-valley custom builder, where he designed the majority of their homes and remodels. Designs ranged from small remodel/addition to a small subdivision. The design work was done through a company where Johnathan was the principal partner.

Christina Cabrales, Energy Trust of Oregon New Homes, *Energy Performance Score Technical Support*

Christina provides Energy Performance Score (EPS) modeling support and trainings to the design, building and real estate industries. She quality checks all homes coming through Energy Trust's New Homes program and has supported expansion of the EPS as a statewide initiative used to measure energy consumption for new homes. She comes to this role with a varied work history, which includes time in the marketing and financial fields. Christina is a trained furniture and cabinet maker and has a BA in English from Radford University.

Eli Caudill, Technical Lead, Energy Trust of Oregon New Homes

Eli provides field training for home performance testing and technical support for contractors participating in the program. Eli has five years of experience focusing in energy efficiency and building science components of new residential construction. He holds a degree in Environmental Science from Willamette University and a degree in Mechanical Engineering from Portland State University and has also owned and operated a contracting business specializing in determining and providing cost effective solutions for residential energy efficiency.

Megan Clark, MS, LEED-AP, Market Development and Support Coordinator, Energy Trust of Oregon Home Energy Solutions

Megan is expanding the programs of Energy Trust to trade ally contractors in Central Oregon while developing the Home Performance with Energy Star market through education, outreach and training. Megan holds a Master of Science in Environmental Management and Science from Carnegie Mellon University where she performed research investigating the thermal and water retention properties of green roofs. Her previous work experience includes coordinating the Central Oregon Tour of Green and Solar Homes, supporting the environmental programs at the City of Redmond Wastewater Facility and the implementation of sustainable building techniques with Habitat for Humanity.

Peter Coughlin, Peter Built Homes, Green Builders Wholesale

Peter has been instrumental in all phases of the development of the ICF industry and is certified with ARRX, PHOENIX SYSTEMS, AMVIC and LOGIX. In 1995, he built the first ICF home in Redmond Oregon, followed by several more. In 2003 Peter built the first ICF home for the Central Oregon Builders Association. In 2007 he won the Grand National in North America, as well as the Best Home over 3000 SF presented by the Insulating Concrete Form Association. In 2004, he founded the "ICFSTORE.COM", dba "Green Builders Wholesale" in 2006. He has been active promoting ICF and Energy Efficient Building Materials and holds ICF training throughout Oregon. Peter was recently certified by the Insulating Concrete Form Association as registered AIA /CES provider. He is a certified Green Professional by N.A.H.B. and currently is attending 6-month training for the LEED Sustainable Home Professional Certification.

Stephanie Crutchfield, LS, Globe Lighting

Stephanie is currently the Contractor Sales Representative and Lighting Specialist with the Globe Lighting team in Bend Oregon. She has been involved in the lighting industry for 7 years. She received her certification as a Lighting Specialist through the American Lighting Association and participates in continuing education classes as often as possible.

Chance Currington, Sunlight Solar, *Residential System Design*

Chance began his renewable energy career in 2003 as Manager of Executive Projects for a major renewable energy distributor from 2003-2005. From 2005-2007, Chance managed Field Operations at a United States solar inverter manufacturer. As Project Manager at Sunlight Solar Energy, Chance managed several significant commercial and residential PV projects including Community First Bank's Mill Quarter branch, Horse Butte Equestrian Center, and the first certified LEED-Platinum home in Central Oregon. Chance has a B.S. in Business Administration and a minor in Physics from Southern Oregon University,

and has presented on a variety of topics including Commercial PV installation Design at the 2008 Joint Engineering Conference in Bend, Oregon. Chance is a NABCEP certified PV Installer, a graduate of SunPower University and SunPower Commercial System Design & Installation Training, and is an Oregon Department of Energy Tax Credit Certified Technician.

Brent Dattke, Datco Design, LLC

A resident of Bend, Oregon since May of 1974, Brent is a Professional Building Designer and has been specializing in designing energy efficient buildings, focusing on ICF construction since 1997. Brent introduced conditioned and pressure vented crawl spaces to central Oregon in 1997. Brent is a Professional member of the American Institute of Building Design and is a past president of the Oregon Society of the American Institute of Building Design. He is a founding member of the Building Green Council of Central Oregon and of the High Desert Branch of Cascadia Region Green Building Council. Brent completed the Sustainable Building Advisor course at COCC and is an NHAB Certified Green Professional. Brent is an award winning designer taking the top award of Excellence in Concrete for an ICF home he designed from the Oregon Chapter American Concrete Institute.

Callahan Dillon, Bend Habitat ReStore

Callahan Dillon is the Lumber Salvage and Deconstruction Coordinator for the Bend Area Habitat For Humanity ReStore. He entered the trade through a ReStore Lumber Salvage internship while earning his Natural Resources B.S. from Oregon State University. He has worked in Central Oregon salvaging materials for a year and a half and has watched deconstruction begin to take hold. He would like to see deconstruction become a common practice within the building industry.

Tom Dumolt, LS, Globe Lighting

Tom is the manager of globe lighting in Bend, Oregon. Tom has been in the lighting industry for over 10 years. Tom is currently a Lighting Specialist and is actively working towards his CLC with the American lighting Association (ALA).

Diana M. Fischetti, MA, LEED AP, Commercial Outreach Specialist Energy Trust New Buildings Program Earth Advantage Institute

As the Commercial Outreach Specialist in Central Oregon, Diana divides her time between two program areas. Primarily, she is tasked with prospecting, identifying, and executing agreements with stakeholders, while providing technical expertise and consultation on the Earth Advantage Small Commercial program, now nearing its pilot phase. In addition, for Energy Trust of Oregon's New Buildings Program, Diana provides education and consultation of grant incentives for the use of energy efficient technology in new commercial construction projects and major renovations in Central Oregon. Diana's background includes two Master of Arts, one in Environmental Studies and the other in Geography, as well as a Certificate in Nonprofit Management from the University of Oregon. Diana is a LEED Accredited Professional, and has served on the Board of Directors of 3EStrategies, assisted with LEED certification for commercial buildings, and provided outreach and education for the U.S. Environmental Protection Agency.

Scott Gahan, Sunlight Solar, *Director of Solar Thermal Division*

Scott has been involved in the renewable energy industry since 2003. He was among the first to graduate from the Energy Management/Renewable Energy Program at Lane Community College. Upon graduation, he actively pursued a career as a solar thermal professional in Central Oregon. Over the past four years, Scott has installed and managed both commercial and residential solar electric, solar thermal and radiant floor heating projects. He is a licensed Journeyman STL (Solar Thermal Heating/Cooling) and has an Associates degree from Lane Community College and the Northwest Energy Education Institute in Energy Management/Renewable Energy Technologies. Scott also holds certifications from Tekkmar Controls School and Uponsor Commercial/Residential Radiant Professional training. He brings a wealth of solar thermal expertise to Sunlight Solar and will be able to provide customers with the highest quality solar thermal designs and installations coupled with an unparalleled level of craftsmanship.

Andrew Kuperstein, Alternative Construction Concepts

As President of Alternative Construction Concepts, Andrew Kuperstein helps clients wake up from the nightmare of high home energy costs with a truly earth-friendly home. As a premiere Earth Advantage and Energy Star builder, general contractor and design service provider, few other Oregon builders have such expertise in the latest Earth-friendly construction materials or experience in applying the latest alternative energy technologies in your new home. Andrew has utilized various non-traditional techniques including straw bale construction since 1994, insulated concrete forms (ICF), structural insulated panels (SIP) and passive and active solar installations since 1999, and polyurethane insulation since 2009.

Mindy Lyman, LEED AP

Mindy Lyman is a commercial Interior Designer located in Bend, Oregon. After earning a Bachelor in Interior Architecture at the University of Oregon she began working for professional architecture firms practicing interior design for commercial environments throughout Central Oregon. Mindy is a Leadership in Energy & Environmental Design Accredited Professional (LEED® AP) with the knowledge and skills to successfully steward the LEED® certification process. She is also certified by the National Council of Interior Design Qualification (NCIDQ®) whose core purpose is to protect the health, life safety and welfare of the public by establishing standards of competence in the practice of interior design. Mindy currently serves as the Chairperson for the High Desert Design Council (HDDC); the HDDC's mission is to elevate sustainable design practices in the High Desert region.

Stephanie Manzo, Sunlight Solar, *Community Outreach & Marketing Director*

Stephanie has been with Sunlight Solar since November 2006 and leads the marketing and community outreach campaign for the Bend, Oregon office. In the past, she chaired COBA Building Green Council's Community Affairs Committee which developed the Recycle/Reuse Guide for Central Oregon. She is Secretary of the Steering Committee for the High Desert Branch of the Cascadia Green Building Council and has participated in Steering Committees for the Central Oregon Green+Solar Home Tour and the Commercial Green Building Summit. Stephanie graduated from Oregon State University with a Bachelor of Science degree in Horticulture Science and a minor in Business Administration. She recently completed the 2008-2009 Sustainable Building Advisor program at COCC. She is a graduate of SunPower University and SunPower's Commercial System Design & Installation training, and is an Oregon Department of Energy Tax Credit Certified Technician.

Richard Martinson – President, WinterCreek Restoration

Mr. Martinson's background in plant ecology and environmental management spans over twenty years. His experiences range from working as a botanist for potential Wilderness Area studies under RARE II in the Northwest, to leading a team studying human impacts on pre-settlement condition and completing studies as an ecologist for Wild & Scenic River analyses in the upper Midwest. Rick uses knowledge gained from his work around the country to design and install award winning landscapes focused on ecological principles and resource conservation. His strength in applying research to practical applications gives him a perspective unique in the landscaping and land management industries.

Cindi O'Neil, Vice President Sales and Marketing, SolAire Homebuilders

For Cindi O'Neil sustainable building concepts and green building, and leading the talented SolAire team is a natural fit. Prior to joining SolAire four years ago, Cindi dedicated twenty-five years of her life to natural resource conservation and protection. Her Master's Degree in Plant Ecology led her to protecting natural habitats for rare species for the Nature Conservancy and then later working for sustainable forest practices with the US Forest Service here in Oregon. Public relations, marketing, financial management, fundraising, field research, deep ecology, and leadership of interdisciplinary teams are all part of her past experience.

Lawrence Schechter, Architect, LEED AP, SolAire Homebuilders

Lawrence provides exceptional expertise to custom home design and passive solar architectural concepts to the SolAire Team. With over forty years of diverse architectural residential and commercial experience and a life long love for sustainable buildings and environments, Lawrence has made it his life's work to integrate passive solar, day-lighting, universal design, the art of functional and inspirational space into the home and work place. Currently Lawrence is designing high performance, sustainable home prototypes for SolAire Homebuilders.

Paul Schmitz, Green Builder/ Recycler, Boxcar Productions

Paul has been building efficient homes and recycling since 1991. To reduce his carbon footprint more he began building his homes with recycled and earth friendly materials. Paul discovered the magic of building with antique wood as a youngster with his Uncle Dave deconstructing wood pallets. His current project Recycled Haus #2, an Earth Advantage home, exemplifies the beauty of salvaged wood. His Recycled Haus #1 has been in the past two Green/Solar Tours and the Fresno Recycle Haus #2 is in this Fall's Tour.

Chelsea Schneider, WHPacific

Chelsea Schneider is a Landscape Architect with WHPacific, specializing in high desert landscape design for nine years. She designed the sustainable landscape, including an intensive roof garden featuring native and native –adapted plant species, for the 360 Bond Building which opened in 2008. Chelsea also serves as chair of the High Desert Oregon section of the American Society of Landscape Architects, and is on the board of directors for the Bend Area Habitat for Humanity.

Ric Secor, NATE, Tri County Climate Control

Ric grew up in the building industry and as a journeyman sheetmetal worker installed hundreds of systems in his native San Diego. Since 1987 he has worked in Central Oregon in heating/ventilation/air conditioning sales, installation, and design. He is certified with NATE (North American Technician Excellence) in air distribution installation. His family lives in an Earth Advantage / Energy Star home they had built in 2006.

Bruce Sullivan, Green Building Consultant, Earth Advantage, Inc.

Bruce has been involved in energy efficient construction since 1983. He has worked for the Oregon State University Extension Service, Eugene Water & Electric Board and Iris Communications, Inc. In 1996, he established Oikos.com one of the world's first web sites dedicated to green building. In 2006, Bruce's personal high-performance residence, built by SunTerra Homes, was honored with the NAHB Research Center's EnergyValue Housing Award and the NAHB Green Building Award. Bruce is based in Earth Advantage's Bend office.

Jorden Swart, brilliant environmental building products

Jorden Swart, founder and owner of *brilliant environmental building products*, has developed a dedicated clientele through his commitment to the careful research, selection, and installation of affordable, durable, and beautiful sustainable building products. Learning the construction trades by building custom homes with his grandfather in Indiana, Jorden realized the imperative of using building products that would not compromise the environment. After obtaining degrees in Public and Environmental Affairs as well as Business Management from Indiana University, Jorden selected Bend for its progressive spirit, breathtaking setting, and year-round outdoor sports. Jorden teaches in programs such as Sustainable Building Advisor Course (COCC) and participates in outreach activities such as the recycling efforts of the Building Green Council. He embraces the green building movement as an opportunity and an obligation to respond to the critical challenges of our time through healthy, sustainable building.

Jon Thomas, LD Jellison Inc.

LD Jellison is a wood products and biomass/energy consulting firm in Vancouver, WA. LDJ provides consulting services in fuel supply studies, EPA Level 2 Combined Heat and Power studies, engineering and design, construction and project management of biomass and other renewable energy facilities. Jon

provides assistance on renewable energy projects including operating/construction pro forma, fuel supply studies, financial assistance through state and federal grant and loan programs, permitting issues, power purchase agreements and other components to determine the viability of renewable energy projects. Jon has 5 years experience focusing on the renewable energy industry and obtained a M.S. degree from Oregon State University in Forest Products Marketing.

David Vogt, Hooker Creek Companies, LLC

David Vogt graduated from Oregon State University in 1993 with a BA in Construction Engineering and Management. After working as an Estimator and Project Manager for Salem Road and Driveway Co. based in Salem Oregon, he was promoted to General Manager and later hired by Hooker Creek Companies, LLC in Bend. He has been employed by Hooker Creek Companies, LLC since 2004 and was named the Construction Division Manager in 2006. He has over 15 years of experience in the construction and paving industry and has been active in the Asphalt Pavement Association of Oregon, serving as President, board member and on numerous committees. David has been instrumental in introducing new asphalt products and paving techniques to Central Oregon as well as presenting training sessions at trade shows and the World of Asphalt Conference and NAPA's annual meeting.



BuildingGreen™
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2009 NW Green Building Industry Summit
NW Green BIS and Living Green Expo
LOCAL EARLY BIRD REGISTRATION FORM

Registration for Education Seminars, Networking, VIP Living Green Expo Tickets
Friday and Saturday, October 16-17, 2009
At the Deschutes County Fair and Expo Center Redmond, Oregon

Company: _____

Name of Person Registering: _____

Mailing Address: _____

City/State/Zip Code: _____

Phone: _____ **Fax:** _____

Email: _____

Option 1–Education & Networking registration and Living Green Expo tickets only (Oct 16–17, 2009)

- \$25 per person for COBA and BGC Members and \$50 for non-members
- Includes admittance to all of the NW Green BIS Education Seminars, networking events and a VIP Ticket to the Living Green Expo

Option 2– Education & Networking registration, Living Green Expo booth and tickets (Oct 16–17, 2009)

- \$550 for COBA and BGC members or \$825 for non-members
- Includes admittance for 4 people to all of the NW Green BIS Education Seminars, networking events, VIP Tickets to the Living Green Expo, and a 10x10 standard booth in the Living Green Expo in the Hooker Creek Events Center

Option 3– Supporting Sponsorship, Education, Networking, Living Green Expo tickets

- \$1,050 for COBA and BGC members
- Includes admittance for 4 people to all of the NW Green BIS Education Seminars, networking events, VIP tickets to the Living Green Expo, a 10x10 standard booth in the Living Green Expo in the Hooker Creek Events Center, inclusion in advertising and recognition at the event

EARLYBIRD REGISTRATION is Non Refundable and ENDS October 13, 2009



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COUNCIL OF CENTRAL OREGON

2009 NW Green Building Industry Summit
NW Green BIS and Living Green Expo

EARLY BIRD REGISTRATION

PAYMENT INFORMATION FORM

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Payment Information (check one) VISA MasterCard Check _____

(Please Print Legibly)

Credit Card # _____	Exp. Date _____	Security Code: _____
Amount \$ _____	Name as it appears on card _____	
Billing Address for Credit Card _____		
City/State/Zip _____		
Cardholder Signature _____		
By signing, I authorize you to charge the fee indicated		

The registration is non-refundable after October 13, 2009.

Please make checks payable to BGCCO and remit to:
Building Green Council of Central Oregon
61396 S. Hwy 97, Suite 203
Bend, OR 97702
Phone: (541) 389-1058 Fax: (541) 389-1545
For more information:
timk@coba.org or nicks@coba.org

EXHIBITOR SPACE for Living Green Expo (Hooker Creek Event Center)

Contact Soniab@coba.org or call (541) 389-1058. Various sizes and prices to meet any budget.