

## **Best of Greenbuild Breakout Session Descriptions**

### **Session #1 (6:00 – 7:00 PM)**

#### **1A. The Greener Good: Institutionalizing Environmental Justice**

##### **Heather Blakeslee, DVGBC**

Abstract: Your organization is committed to extending the benefits of the green built environment to the entire community – help make it a reality. Three distinguished professionals from USGBC’s chapters network can inspire your strategy. They will share their programs stories about their stakeholders and the networks they leveraged to secure their successes in green jobs and green schools initiatives in the Chicago Little Rock and Philadelphia areas.

#### **B Corp Certification – LEED for Business**

##### **Jay Gilbert, B Lab**

Abstract: Increasingly companies claim to be green responsible and sustainable making it difficult to distinguish between "good" companies and "good" marketing. This panel will explore the world of third-party certifications that provide a holistic approach to sustainability and bring objectivity and metrics to the meaning of green. These triple bottom line certifications are vital for the long-term viability of the green building movement.

#### **1B. Living with Sustainable Energy in a Global Society**

##### **Penn State University**

Speakers: R. Allen Kimel Assistant Professor The Pennsylvania State University; Seth Blumsack Department of Energy and Mineral Engineering The Pennsylvania State University; Jeffrey Brownson Assistant Professor The Pennsylvania State University

Abstract: Panelists will introduce the planning building and policy strategies materials and technologies and economic considerations necessary to ensure a carbon-neutral future and demonstrate successful integration through completed projects in Europe relating these precedents to the conditions of “Main Street” USA.

## **1C. Sustainable Infrastructure: A Key Component of Green Communities**

**Manisha Kaul, Andropogon Associates Ltd; Edward Clerico, Alliance Environmental LLC; Victor D'Amato, Tetra Tech, Inc.**

New models for more efficient and holistic resource management which integrates sustainable site-scale to community-scale strategies are evolving, driven by emerging concerns of resource scarcity, water supply vulnerability, climate change and increased drought frequency and intensity, ecosystem health and natural service deterioration, water quality impairment, aging infrastructure, increasing energy costs, and the interdependency between energy generation and water use. These 21st century demands and our society's and professions' increasing capabilities to address such concerns in systemic ways have yielded great progress in sustainable resource management over recent years through the interrelated efforts of ecosystem management, comprehensive urban planning, distributed wastewater and stormwater management, ecological restoration, and green building.

This session will use the experience of its presenters as a vehicle for bridging the gap between site-scale green building efforts and community-scale improvements in ecological health, social connectedness, and economic opportunity. The session will focus on advancing integrated management concepts within the planning and design disciplines of its target audience. The session presenters include two engineers with broad experience ranging from large, centralized water treatment facilities to green building-driven onsite water reclamation and reuse systems, and a landscape architect (also trained as an architect) with extensive sustainable site and green building design expertise.

## **1D. DVGBC Student Design Competition 2010 Awards Ceremony**

This year the DVGBC Sustainable Design Competition Awards Ceremony will also be held at Best of Greenbuild. Meet the green building leaders of tomorrow and participate in choosing the competition's 2010 People's Choice Award. The competition encourages colleges, universities, design and engineering professionals, and community members to partner around an applied learning experience that focuses on sustainable design. With sustainable transportation at the forefront of Philadelphia's current urban issues, the DVGBC challenged 2010 competitors to design a sustainable bicycle transit center. This year's participants include students from Drexel University, Pennsylvania College of Technology, Lehigh University, Harrisburg Area Community College, Delaware Technical & Community College, University at Buffalo (SUNY), Wesleyan University, and other regional and national schools.

## **Session #2 (7:30 – 8:30)**

### **2A. Greening where you Learn! The Quest for Sustainability in Philadelphia's Public Schools**

**Lorna Rosenberg , U.S. Environmental Protection Agency; Michael Pavelsky, The Sheward Partnership, LLC; Leigh Clark, School District of Philadelphia**

Abstract: LEED has been the catalyst for the School District of Philadelphia to construct their new buildings and address their aging building stock. Learn how progress is being made and leadership is evolving; even with shrinking budgets and student population.

### **2B. Beyond Platinum - The Future of Sustainable Homebuilding**

#### **Principals of Onion Flats**

Speakers: Tim McDonald, Onion Flats; Johnny McDonald, Onion Flats; Howard Steinberg, Onion Flats

Abstract: Principals from Philadelphia-based Onion Flats LLC and San Francisco-based McDonald Construction and Development will lead this session through the processes that have produced multiple LEED Gold and Platinum certified residential projects, and will discuss their vision of what sustainable buildings can and will be in the future. These award winning design/build firms are proving that building some of the most sustainable homes in the country is not only feasible both economically and logistically, but is just plain common sense! Entertaining and often irreverent, the Brothers McDonald (and Steinberg!) have something to say that you'll want to hear.

### **2C. Mining the Urban Environment via Re-Use / The Future of LEED Materials and Resources**

#### **Steve Baer, Five Winds International & PE Americas**

Abstract: The first part of this session will discuss the opportunity to find local solutions to global climate change by mining resources already available in the urban environment. Join a discussion on how to navigate the re-use opportunities and find solutions to transform the re-use marketplace and achieve the materials re-use credits in LEED. In the second part, the current Chair of the Materials and Resources Technical Advisory Group will review the future potential for changes in that portion of the LEED Rating Systems.