

**Sustainability Training for Technical Educators
Summer Sustainability Institute Summit 2009**

Friday, September 11, 2009

Portland Community College, Sylvania

Time	Content	Speakers	Location
9:00-9:20	Registration- social time		PCC Oak Room
9:20-9:30	Welcome and Overview	Todd Sanders and Kim Smith, PCC	
9:30-9:50	Social Frameworks of Sustainability	Kim Smith, PCC	
9:50-10:30	Establishing a Rationale and the Motivation for Green Building Curriculum	Dorothy Payton, PCC	
10:30 - 10:40	Break		
10:40-11:10	Sustainable Materials Activity	Amanda Ferroggiaro, PCC	
11:10-12:00	Teaching Demonstrations	Gregory Monahan, PCC, and Dale Trombley, Bates Technical College	
12:00 - 1:00	Lunch - BBQ		Cafeteria Patio
1:00 - 2:00	Discipline Group Sharing and Consults	Denise Roy, PCC, and PCC interns	
2:00-3:00	Inter-disciplinary Collaboration and Integrated Design Planning	Kim Smith and Dorothy Payton, PCC	
3:00-3:15	Wrap up and evaluations	Kim Smith, PCC	
3:15-4:00	Reception		

“Social Frameworks of Sustainability”

Kim Smith, Sociology Instructor, Portland Community College

Environmental sociology studies the relationship between human behavior and the environment and provides a context for sustainability that transcends disciplines. This session will present several core concepts, including the production and consumption treadmill and the tragedy of the commons, and will model a life cycle analysis exercise.

“Establishing a Rationale and the Motivation for Green Building Curriculum”

Dorothy Payton, Architectural Design and Drafting Instructor, Portland Community College

This session explores two perspectives that describe the ecological imperative to incorporate sustainability into our curriculum. A brief introduction to “The Natural Step” and the “2030 Challenge” provide a rationale and motivation to develop courses that foster the stewards of the future.

“Sustainable Materials Activity”

Amanda Ferroggiaro, Interior Design Instructor, Portland Community College

Try your hand at this quiz and activity sheet and assess your knowledge of sustainable interior design materials. Not only will you gain new knowledge about materials, but you will gain a nice teaching tool too.

“Teaching Demonstrations”

Gregory Monahan, PCC, and Dale Trombley, Bates Technical College

In addition to instructors having a chance to share specific curriculum revisions with each other, we offer two in-depth presentations. Gregory Monahan, Engineering Instructor, will discuss the causes and consequences of global warming and Dale Trombley, Facilities Maintenance Instructor, will provide insights on his new course: Sustainable Building Management.

“Inter-disciplinary Collaboration and Integrated Design Planning”

Kim Smith and Dorothy Payton, Portland Community College

Beyond recognizing the contributions we make within our own disciplines, consider the various players involved in designing, building, and maintaining a green home. This hands-on mind-mapping exercise will explore the linkages between our disciplines and the efforts and knowledge we all offer in the advancement of sustainable practices.