



2009 WISCONSIN

Renewable Energy Summit

Renewables, Sustainability, Energy Efficiency,
Social Responsibility, and Green Energy Practices

Curriculum Prog./Course Design Session #4-3

DATE:

Breakout Session 4-3

Time:

Presenters:

THURSDAY, MARCH 26, 2009

10:00am - 11:45am

Designing Programs for a Diverse Workforce

Mike Bernhard, Madison Area Technical College

The presenter will facilitate an interactive discussion about development of programs and curriculum for a diverse population. Points of discussion will include: expanding education opportunities for women and minorities in the construction technology field and designing renewable energy technology education programs that meet the needs of unemployed and underemployed workers.

Educating for the Green Economy

David Schejbal, UW-Extension

John Skalbeck, UW-Parkside

UW-Extension, UW-Parkside, UW-River Falls, UW-Stout, and UW-Superior are taking a national leadership role in building a new, online, Bachelor of Science Degree in Sustainable Management. Pending Board of Regents approval, the degree will be offered in Fall 2009.

This Sustainable Management Bachelor's Degree will focus primarily on adult and nontraditional students, helping to ensure that they are well versed in business science, and policy. Particular attention will be paid to teaching students about systems and how various systems interact so that students gain a comprehensive understanding of the ways in which natural processes, business structures, and social needs intersect.

A number of businesses in Wisconsin and in the nation have been consulted about the competencies that graduates should have to be particularly valuable employees. They expressed strong support for this program, and the information they provided has been used in developing the curriculum. We believe Sustainable Management graduates will be well positioned for employment in the evolving green economy.

In this session, participants will learn about the competencies that individuals working in the green economy should have, about the need for more educated workers in Wisconsin and in the nation, and about the curriculum for the Sustainable Management Bachelor's Degree.

**See presenter
biographies
next page**



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Presenter Biographies:

Michael Bernhard

Michael Bernhard is the Master Electrician and education director for Full Spectrum Solar LLC (PV) and Seventh Generation Energy systems. (Wind). In addition, he is an electrical apprenticeship instructor at the Madison Area Technical College and the Education Chair of the Wisconsin Distributed Resources Collaborative. In the past three years he has facilitated nine 6-hour renewable energy education seminars for electricians, electrical inspectors and utility metering specialists throughout Wisconsin.

David Schejbal

David Schejbal is Dean of Continuing Education, Outreach and E-Learning in UW-Extension. He has published and spoken extensively about issues relating to higher education, the importance of intellectual capital in the green economy, and the urgency of raising the educational level of Wisconsin and the U.S. for future economic competitiveness.

John Skalbeck

John Skalbeck is Associate Professor of Geosciences and Director of the Environmental Studies Program at the University of Wisconsin-Parkside. He has served on the Chancellor's Task Force on Environmental Stewardship and has been involved in the development of the REC and CEDAR environmental education centers in Racine and Kenosha. In June 2009, he will become the Interim Director of the Center for Community Partnerships. Dr. Skalbeck is the UW-Parkside Faculty Director for the Collaborative, Online Bachelor of Science Degree in Sustainable Management