



2009 WISCONSIN

Renewable Energy Summit

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

Curriculum Programs/Course Design Session #4-5

DATE:

Breakout Session 4-5:

Time:

Presenter:

THURSDAY, MARCH 26, 2009

4:30pm – 6:15pm

The Academy – Educating our Future Thought Leaders

Mary Jo Salzburg, Johnson Controls

With the full support of U.S. Green Building Council (USGBC), President Obama is planning to invest heavily in our buildings, from our homes to our schools, to create millions of new greencollar jobs and save Americans billions in energy. That being said, energy education is increasingly important as is the desire to teach students to become thought leaders and to be prepared for the green jobs of the future. This presentation will showcase curriculum programs designed to educate and inspire students into becoming green leaders of the future. It will highlight curriculum, including behavior modification, and how green technology is being incorporated into the classroom. It will also introduce attendees to the Igniting Creative Energy Challenge, an innovative program designed to engage kindergarten through 12th grade students across North America into developing ways to make the environment more energy efficient. This is the eighth year for the Igniting Creative Energy competition, which provides national winners with valuable educational experiences including the opportunity to meet national leaders and energy policymakers in Washington, D.C.

Renewable Energy, Energy Efficiency & Sustainability in K-12 Curriculum

Janie Besharse, K-12 Energy Education Program (KEEP)

Summit participants interested in the development of energy literacy, renewable energy knowledge and energy conservation for students in the Kindergarten to Grade 12 range will be treated to an introduction to the Wisconsin K-12 Energy Education Program (KEEP). The KEEP program offers teachers a range of graduate courses, which incorporate the experience of teaching hands-on lessons from the KEEP Activity Guide and connects course participants to additional energy-related resources with state, national and global perspectives. As a result of the courses, teachers may easily integrate energy education, renewable energy, and energy conservation lessons and activities into a variety of subjects across the standard curriculum.

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biographies
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Presenter Biography:

Mary Jo Salzburg

I am Program Manager for K-12 for Solutions for Johnson Controls and work directly with the K-12 customers, organizations and company sales teams. I offer over 10 years of marketing and communications experience. I possess a bachelor's degree in communications and master's degree in marketing. I presented at the 2008 Renewable Energy Summit, to Conservation Leadership Corp., and at various energy education training sessions and national K12 conferences.

Janie Besharse

Janie Besharse has worked with the Wisconsin K-12 Energy Education Program (KEEP) as a KEEP adjunct for two years. While an instructor at the University of Wisconsin she taught the courses, "Green Science in Urban Spaces," "Cool Power: Slowing Global Warming" and "Introduction to Science Interpretation." Janie received a Master's of Science in Education from Southern Illinois University and participated in the Instructional Leadership Program at the University of Kansas. She has presented renewable energy teacher activities at the Educator Tent at the annual Energy Fair and is an Electrathon volunteer.