

01/25/2012

10:00 am - 11:00 am

Prerequisite: None

## **W2CC030 An Outdoor School for an Indoor World: A Different Approach to Zero Net Energy Design**

**James Theimer, AIA, LEED AP BD+C, Owner and Principal, Trilogy Architecture Urban Design Research**

**Kelly Salter, Senior Program Officer, The McConnell Foundation**

### **Session Description:**

Using the new Redding School of the Arts as a case study, learn the story behind its design and construction. The new campus for this innovative K-8 California public charter school was conceived as a model for affordable energy design, creative learning spaces, and teaching green ideas. Learn how these three ideas are accomplished within a school where 50 percent of the learning space is open to the outdoors, even though the school is located in a climate with hot, dry summers and rainy, cold winters. Learn how the building actually performs relative to the pending LEED Platinum certification and Zero Net Energy design.

### **Learning Objectives:**

1.) Explore a new strategy for achieving Net Zero Energy. 2.) Discuss how water use and storage should be considered a more important part of sustainable design. 3.) Learn how creative learning spaces contribute to the overall sustainability of a school building. 4.) Discuss how to best utilize the building as a tool for teaching green.

**Room: S210C**

**AIA CEH: 1 LU/HSW/SD**

**GBCI CE: 1 Hour**