

01/26/2012

10:00 am - 11:00 am

R6CC038 The Jewels of Niles: Uncover the Treasures of STEM and LEED EBOM

Patrick Brosnan, President and CEO, Legat Architects, Inc.
Paul O'Malley, Assistant Superintendent, Business Services
Niles Township

Jeffrey Greenspan, Board Secretary, Niles Township High School District

Vuk Vujovic, Director of Sustainability, Legat Architects, Inc.

Session Description:

The advances of the Niles Township High School District in project-based learning and energy-efficiency have earned national recognition. This session reveals the planning and design challenges the district met to achieve its award-winning STEM labs. Presenters, including school administrators, board members, and architects, will also discuss lessons learned in accomplishing one of the nation's first LEED EBOM certifications at a 600,000 square foot, 50-year-old high school campus.

Learning Objectives:

- 1.) Understand strategies for integrating STEM education and co-curricular, inquiry-based programs into educational planning and design.
- 2.) Explore how district stakeholders and architects can collaborate to bring local and global communities into educational settings.
- 3.) Discuss the costs, paybacks, and third-party funding opportunities associated with LEED EBOM.
- 4.) Learn best practices for reducing energy expenses and creating a healthier environment despite diminishing construction budgets.

Room: S210C

AIA CEH: 1 LU/HSW/SD

GBCI CE: 1 Hour