



**WE-PC2 8:00-5:00pm 7.5 LUs**

## **SC Sustainable Schools and Communities Summit Helping Johnny Walk to School**

**in conjunction with the  
AIA South Atlantic Regional Conference, Greenville, SC, September 29-October 1, 2009**

**Wednesday, September 30, 2009**

### **"Designing and Maintaining Outstanding School Facilities" Geared to AIA attendees and Design Professionals**

This second day is geared toward the architectural community and is one of the AIA pre-conference sessions for design professionals featuring a keynote address by Dr. Jim Rex, State Superintendent of Education for South Carolina. As important community centers, the maintenance and design of school facilities are integral to the education of South Carolina's children and the future of our communities. Join us for a series of sessions focusing on the architect's role in creating community-centered schools. Sessions include a panel discussion on alternate delivery methods, approaches to rehabilitating historic schools, green strategies for school projects, design of early childhood classrooms, and the Helping Johnny Walk to School Initiative.

**8:00-9:00am**

**REGISTRATION & CONTINENTAL BREAKFAST BUFFET**

**9:00-10:00am**

#### **SESSION I Helping Johnny Walk to School**

In 2001 the National Trust for Historic Preservation launched its Historic Neighborhood Schools Initiative with the publication of "Why Johnny Can't Walk to School" that first identified the policies and practices that are causing new schools to be built in remote locations on excess acreage, and causing the demise of a rich tradition of historic school architecture across the nation. Since then, the Trust has been actively engaged in trying to change those policies, today in an initiative called "Helping Johnny Walk to School." In a cooperative agreement with the US EPA, the Trust is working with several pilot states to identify barriers and find remedies to encourage school siting at the center of the communities they serve. The presentation will review that work and its findings to date.

**Speaker:**

**Royce Yeater, AIA, National Trust for Historic Preservation**

**10:00-NOON**

#### **SESSION II Panel Discussion: Alternative Delivery Methods for South Carolina School Facilities**

Construction projects for school facilities are one of the costliest items for any school board to consider. In this time of diminishing budgets every school administrator and county school board is looking for ways to do the same or even more with fewer dollars. One common proposal for cutting costs in school projects has been to change the traditional delivery method for designing and constructing these facilities. Some have suggested a diminished role for the designer and some have even cut the architect entirely out of the process. Is there a middle ground in this debate over designing and constructing school facilities. This session will begin with a presentation by Bill Carpenter, who will give a national perspective on discussions related to alternate delivery methods. We will then turn our attention to South Carolina focusing on one of the first school projects in the state to employ an alternative delivery process. Panelists will present the project from a variety of perspectives and will discuss the merits of alternate delivery with the audience.

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pathways to excellence



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## Wednesday, September 30, 2009, Continued

### **"Planning Community-Based Schools" Geared to Educational Community and Community Groups**

**Speakers:** Bill Carpenter, FAIA, Advisory Board of the AIA National Design-Build Knowledge Committee  
 Tim Heichelbech, Thompson/Turner Construction  
 Cherie Liollo, Liollo Architects  
 Chris Poe, Beaufort County Schools

**NOON-1:30pm** **BUFFET LUNCH PRESENTATION**  
**Current State of South Carolina Schools**  
 [Insert Session Description Here]

**Speaker:** Dr. Jim Rex, South Carolina State Superintendent of Education

**1:30-1:45pm** **REFRESHMENT BREAK**

**1:45-2:45pm** **SESSION III**  
**Approaches to Rehabilitating Historic Schools**

As anchors of our local communities, school facilities provide the prime learning environment for our towns and cities and are key elements to sustaining the communities they serve. Often our interest in creating a sound learning environment for children favors new building over maintaining existing facilities and reuse of older buildings. This session presents a number of approaches to why rehabilitation and retrofit programs should be considered for historic school facilities and how to incorporate the changing needs of school facilities into these unique buildings.

**Speaker:** Sean O'Donnell, AIA LEED AP, Ehrenkrantz Eckstut & Kuhn Architects

**2:45-3:45pm** **SESSION IV**  
**Designing Early Childhood Classrooms**

In the past fifteen years South Carolina has seen an amazing rise in the need to provide early childhood services for school-age parents. Many school districts have implemented programs to ensure that toddlers and pre-K children develop the proper physical and cognitive skills necessary to enter the school system on time. This session will introduce participants to the requirements and goals for early childhood facilities and will discuss design approaches that provide for pre-K students.

**Speaker:** John B. Jackson, AIA, Jackson & Sims Architects

**3:45-4:00pm** **REFRESHMENT BREAK**

**4:00-5:00pm** **SESSION V**  
**LEED Strategies for Rehabilitating Existing and Designing New Schools**

With what seem like new mandates everyday for green facilities and new changes in sustainability rating systems this session aims at getting us up to speed on current requirements and opportunities for producing green schools in the Palmetto state. Members of the South Carolina Chapter of the US Green Building Council's Sustainable Schools Committee will discuss strategies for meeting LEED and others green rating systems for sustainability into both new and existing school properties.

**Speaker:** Allen Taylor, AIA, LS3P Architects and  
 SC US Green Building Council's Sustainable Schools Committee

Jeff Gentile, InterfaceFLOR and  
 SC US Green Building Council's Sustainable Schools Committee



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## Wednesday, September 30, 2009, Continued

**"Planning Community-Based Schools"  
Geared to Educational Community and Community Groups**

### Speakers: Tuesday, September 29, 2009

#### **Royce Yeater, AIA, National Trust for Historic Preservation**

Royce acquired a professional degree in Architecture from North Dakota State University (NDSU) in 1969 and a Masters in Architectural History from the University of Virginia (UVa) in 1975. For seven years through the 1990's he also taught Educational Facility Planning in the graduate program of Minnesota State University – Moorhead and about to enter facility planning processes. In September of 2001, he left his practice to head the Midwest Office of the National Trust for Historic Preservation in Chicago. There he focuses on building the capacity of state and local preservation organizations and develops strategies to confront new and emerging threats to historic resources in eight Midwestern states. Large among those are many historic schools throughout the region now facing demolition from large scale school facility improvement programs that tend to assume old is bad and new is somehow perfect. Royce has the experience to know that is not the case.

#### **Bill Carpenter, FAIA, Advisory Board of the AIA National Design-Build Knowledge Committee**

Dr. William J. Carpenter, FAIA is a nationally recognized architect and educator. He has won numerous design awards and accolades for his teaching. He is a founder of Lightroom, a nationally award winning design firm in Decatur, Georgia specializing in architecture and new media projects for commercial and residential clients. Carpenter received the national ACSA/AIAS Educator of the Year Award in 2000 and the National Young Architects Citation in 1997. He was elected as a Fellow in the AIA in 2000. He is also author of an important and well-regarded book, *Learning by Building: Design and Construction in Architectural Education*, Wiley, 1997. His work has been published in *Southern Living*, *Atlanta Homes and Lifestyles*, *Print Magazine* *Atlanta Magazine* and *ERA* April, 2006. He studied and worked for renowned architect and AIA Gold Medalist Samuel Mockbee FAIA and New York architect Norman Jaffe FAIA known for his elegant buildings that respond to the landscape.

#### **Tim Heichelbech, Thompson/Turner Construction**

Tim Heichelbech is a Senior Project Manager for Thompson Turner Construction, a general contractor located in Charleston, Columbia, and Sumter, South Carolina. He has worked in as a Project Manager for a combined 17 years of construction industry experience. He is an American Institute of Constructors (AIC) Certified Professional Constructor, LEED Accredited Professional, and is American Society of Healthcare Engineers (ASHE) Certified. Projects managed throughout his career includes large healthcare new construction and renovation, parking garages, high rise condominiums, public and private schools, office buildings, sports arenas, and outdoor athletic complexes throughout North and South Carolina. Clemson University, Master of Science in Science in Construction Science and Management, 1994. Purdue University, Bachelor of Science in Construction Management, 1992. Member of Associated General Contractors (AGC). Member of the AGC/AIA joint committee.





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## Speakers: Wednesday, September 30, 2009, Continued

### **"Planning Community-Based Schools" Geared to Educational Community and Community Groups**

#### **Chris Poe, Beaufort County Schools**

Chris Poe was born and raised in North Carolina. He holds a BS in Mechanical Engineering from NC State University and an MBA from Wake Forest University. He is a registered Professional Engineer in 8 states. Following graduation from NC State, he spent 12 years with Duke Energy Company and held various engineering and marketing positions. He also spent 5 years with Wake Forest University in charge of Operations and Maintenance and approximately 5 years in consulting engineering roles focused on commercial HVAC and plumbing design. He is currently employed with the Beaufort County School District as the Facilities Planning and Construction Officer in charge of all facilities planning, capital projects, and major construction. The Beaufort County School District is currently in a major construction emphasis with over \$120 million in new and renovation projects underway.

#### **Dr. Jim Rex, South Carolina State Superintendent of Education**

Dr. Jim Rex took the oath of office as South Carolina's 16th State Superintendent of Education on January 10, 2007, and immediately went to work fulfilling the promises he made to the people of South Carolina during his successful 2006 campaign including: accelerating innovation, reforming accountability to ensure its success, expanding public school choices for parents and students, promoting fair and equitable school funding, and elevating and reinvigorating the teaching profession. Dr. Rex is a former high school English teacher, football coach, and higher education leader. He served as Dean of Education at Winthrop University, as well as Coastal Carolina University. He is the former President of Columbia College, and a former Vice President for Development and Alumni Relations and Vice President of University Advancement at the University of South Carolina. In addition, Jim has lent his time and talents to a variety of community organizations, including serving as Chair of Clean Water South Carolina; as a member of the Palmetto Conservation Foundation board of directors; and as chair of the Palmetto Trail.

#### **Sean O'Donnell, AIA LEED AP, Ehrenkrantz Eckstut & Kuhn Architects**

Sean O'Donnell is Principal at Ehrenkrantz Eckstut & Kuhn Architects and has over 15 years experience in the architecture field focused on the design of great learning environments. His research into the ability of environments to successfully accommodate diverse and changing user needs over time was published in an award-winning monograph. Mr. O'Donnell is a recognized leader in educational facility planning and design. He founded and serves as the chair of the AIA/DC Committee on Architecture for Education and has served as a juror for the National School Board Association's "Learning by Design" awards; the Virginia School Board Association Design Awards, the Council of Educational Facilities Planners, International's National School Building Week and the Richard Riley Award. He has participated in forums with educators from across the nation organized by "Great Schools by Design," and written and been interviewed for articles including "The 21st Century School" Contract Magazine, "Building the Perfect School" American School Board Journal, "Place-Making" Learning by Design and "Trends: Lesson Plans" Contract Magazine.



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## Speakers: Wednesday, September 30, 2009, Continued

### **"Planning Community-Based Schools" Geared to Educational Community and Community Groups**

#### **Allen Taylor, AIA, SC USGBC Sustainable Schools Committee**

Mr. Taylor is Principal of LS3P Associates where currently serves as the director of the Capital Studio in Columbia, as well as a sustainable integration leader firm wide. He is a sustainable integration specialist and currently serves as the Chairman of the South Carolina Chapter of the US Green Building Council's Sustainable School Committee. He joined LS3P as an Intern Architect after completing his degree with honors in 1989 from the University of Tennessee. He has developed a solid background in sustainable project design, project management, 3-D technology, and constructability, while also gaining considerable experience in a variety of project types, including educational, correctional, military, commercial, and others.

#### **Jeff Gentile, InterfaceFLOR and SC US Green Building Council's Sustainable Schools Committee**

Jeff Gentile is an Account Executive for InterfaceFLOR, the exclusive manufacturer of Cool Carpet, the industry's only Climate Neutralized product. Jeff recently relocated with InterfaceFLOR to South Carolina and resides in Greenville. Jeff's day to day responsibilities are calling on all segment facilities of end users, architects and designers in the commercial carpet industry. In total, Jeff has been with InterfaceFLOR for five years and his industry for fifteen. Learning from Ray Anderson, a pioneer for his sustainable visions and the founder of Interface, Inc., Jeff integrated himself into many of New Jersey's sustainable organizations. Jeff was a Board Member of the USGBC NJ, Program Chair, Speaker, and was he was on the Advisory Board for Fairleigh Dickinson University's Institute for Sustainable Enterprise. All of these endeavors have transitioned him smoothly into numerous positions for the USGBC-SC Chapter, including Upstate Chair for the Green Schools Committee