Virginia Educational Facility Planners

Kersey Creek Elementary School: LEED® Silver, April 2007

A workshop to benefit school facility planners and operations staff, school administrators, architects and engineers, school board members, boards of supervisors, or anyone involved in the design, construction, renovation, or management of educational facilities.

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Virginia Department of
EDUCATION

Monday, March 3

8:00AM   **Registration Begins**

8:30–11:00AM   **Pre-Conference Workshop:** *Threat Assessment in Schools: A Crucial Component of School Safety Planning* Peter L. Sheras, Ph.D., ABPP, Virginia Youth Violence Project, University of Virginia, and Mr. Patrick D. Harris, Executive Director of Virginia Crime Prevention Association and a Certified Crime Prevention Specialist, describe the rationale and implementation of threat assessment as a model for the prevention of violence in schools. Using a decision tree model to evaluate and respond to threats made by students in schools, this method provides school administrators and staff with user friendly guidelines to ensure that threats made on school property are effectively managed. Case studies and research findings will be included in this presentation as well as the opportunity for questions and answers.

11:00AM   **Architectural Exhibits Set-up**

12:00–1:00PM   **Lunch Buffet**

1:15–1:30PM   **Welcome and Conference Overview**
John Hill, REFP, President
Bill Bradley, REFP, President-Elect

1:30–3:00PM   **Keynote Address:** *New Generations of Learning*
The mix of millennials, gen-x'ers, and baby boomers teaching and learning together make the provision of modern education a complex process. In addition, blended learning, mobile devices, gaming, social networking, high-impact presentation technologies, and analytics are bringing new twists and quick turns to our on-ground and online learning environments. What else is ahead? How much more can we take? How do we retain the human touch? How do we make these learning environments sustainable? Come join the conversation with Mark David Milliron, Ph.D., President and CEO of Catalyze Learning International (CLI), to discuss how this new generation of leaning is taking shape.

3:00–3:15PM   **Break**

3:15–4:15PM   **Mini Sessions-Choose One**

1. What's New in LEED for Schools? This mini session will provide an overview of the LEED family of rating systems and highlight the major differences between the "LEED for New Construction" and "LEED for Schools" rating systems, review high performance school recommendations compiled from audience participation during the Virginia Sustainable Building Network's 2007 High Performance K-12 Schools symposium, and provide practical design and construction strategies that can be implemented on any school project regardless of LEED aspirations. Bryna Cosgriff Dunn, AICP, LEED AP

2. Dollars and Sense: Why You Can't Afford *Not* **to Build Green** By case studies of schools in operation or construction in the state of Virginia, this interactive session will provide an overview of readily-available sustainable technologies, address initial and life-cycle costs, and review some of the literature addressing the relationship between so-call "green design" and student achievement. The new LEED for Schools protocol will be introduced and attendees will receive guidelines for making decisions about the in/exclusion of sustainable technologies in their capital projects. Robert Winstead, AIA, LEED AP, and Mark Tschirhart

3. Optimize Learning! By Designing Spaces to Support Diverse Learning Styles This presentation focuses on the link between school/classroom design and differentiated instruction within the classroom. Studies that document an increase in student achievement as the result of learning-style-responsive instruction and how a learning environment can be designed to accommodate various learning styles and instructional methods will be shared, individual learning styles explored, and design implications tested. JoAnne Huebner, REFP, and Dr. Carol Cash

4. 2007 VEFP Award-Winning School: James Monroe High School
Robert Burch, Moseley Architects, with Daryl Chesley, Fredericksburg City Public Schools

4:15-4:30PM   **Break**

4:30-5:00PM   **VEFP Business Meeting**

5:00-6:00PM   **Reception —** *The Northside High School Jazz Band*
Visit Architectural Exhibits
Renew Aquaintances

6:00PM   **Dinner and Entertainment —** *Mind Over Magic*
Keith Matheny will capture your imagination as he apparently reveals your thoughts, predicts answers to math problems before they are created, and describes objects held by audience members while he is heavily blindfolded. Keith is one of America's top mentalists/psychics/mind reader performers, and his high-energy show combines audience participation, good-natured humor, and motivational words that are guaranteed to refresh and inspire.

Tuesday, March 4

7:00–8:00AM   **Omelet Breakfast—***New event for 2008!*
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8:15–9:15AM   **General Session: "Is it really about the kids?" The Rosenwald Initiative** In 1917, Julius Rosenwald, president of Sears, Roebuck and Company, initiated a school building program that was to have a dramatic impact on the face of the rural South and in the lives of its African-American residents. Through the Julius Rosenwald Foundation, more than 5,300 schools, shop buildings, and teachers' houses were built by, and for, African-Americans across the South and Southwest until the program was discontinued in 1932. Today, many of these Rosenwald schools are gone, victims of changing times and communities. This presentation chronicles the collaboration of a Midwestern financier/philanthropist and a Southern educator that resulted in one of the greatest, though nearly forgotten, educational facility planning and school construction programs that ever occurred in the United States. Michael Hall, AIA, REFP, LEED AP, will share this moving story with you by showing actual plans, elevations, and photographs, which will document the facility planning issues prevalent at that time and illustrate the focus on facilities and learning.

9:15–9:30AM   **Break**

9:30–10:30AM   **Mini Sessions-Choose One**

1. LEED for Schools: How to Achieve Certification in an Existing Building This mini session will provide an understanding of the cost/benefit analysis of proposing LEED for schools; demonstrate effective approaches that lead to success for the Owner and design professional; and identify unique challenges and benefits of approaching the LEED certification process with an existing facility. George Kacan, AIA, REFP, LEED AP

2. Building Envelope Commissioning: Discussion with an Architect, a Construction Manager, and a Forensic Specialist This group will look at the efficient sequencing of construction as dictated by the details, practicality, and constructability of the details related to the building envelope. Discussion items will include the most prevalent causes for construction deficiencies and failures and determining the differences between desired building envelope performance and failure.

3. Catalytic Conversations: The Power to Know You're Making a Difference—Embracing Insight Initiatives Services like Amazon.com, TiVo, and online banking have driven the expectation that technology will be thoughtfully used to better inform and enable teaching and learning, student services, and institutional management. Moreover, they have driven the expectation that institutions will leverage "insight"—enterprise intelligence systems, data mining, and predictive analytics-to make a difference in how they teach and reach students, better customize services, and drive strategic planning, institutional effectiveness, and accountability efforts. During this presentation, we'll track similar movements in the commercial, government, and healthcare industries, and look at the implications and issues surrounding the search for insight in the world of education. Mark David Milliron, Ph.D., President and CEO of Catalyze Learning International (CLI).

4. 2007 VEFP Award-Winning School: Ware/McSwain Elementary Schools (Addition/Renovation) Robert Winstead, AIA, LEED AP, VMDO Architects, with Mark White, formerly with Staunton City Public Schools, and Linda Lunsford, Staunton City Public Schools

10:30–10:45AM   **Break**

10:45–11:45AM   **Mini Sessions-Choose One**

1. Keys to Good School Daylighting Driven by an increasing understanding of the energy, health, and productivity benefits associated with daylighting, more schools are now designed to take advantage of natural daylighting. Utilizing case studies from many high performance, sustainable schools designed over the past 20 years, this mini session will present considerable data that summarizes both construction costs and energy savings. Rules of thumb and specific design guidance will be provided for both single- and multi-story schools. Mike Nicklas and Ben Motley, REFP

2. Technology Convergence: Changing School and Classroom Design Since the internet propelled classroom technologies over 10 years ago, school personnel and designers have wrestled with instructional technology installations in school projects. Everything from data drops, classroom telephones, digital projects, and sound enhancement has entered the confusion and coordination scene. With 10% of school project budgets going to "technology," are we any closer to closure? This session will provide three services to the audience: 1) Provide the current and anticipated further state of instructional technologies; 2) Identify the changes in design that are occurring in the latest projects in design; 3) Provide workshop time for discussion of technologies in audience projects and how these may be improved or strengthened. Charles B. Swaim

3. 2007 Award-Winning School: Norview High School Bill Schwegler, Waller, Todd & Sadler Architects, with Marjorie Stealey, Norfolk Public Schools

4. 2007 Award-Winning School: Daniel Morgan Middle School (Addition/Renovation) Ken Thacker, AIA, VMDO Architects, with Kevin McKew, Winchester Public Schools

12:00NOON   **Awards Luncheon**

The Hotel Roanoke & Conference Center

The conference will be held at The Hotel Roanoke and Conference Center. The Center is a full-service conference facility and lodging rooms are being held for the nights of **March 2 and 3.** To reserve your lodging room, call the hotel directly at 540-985-5900 or call toll free 1-866-594-4722. **Reserve your room by January 29** and mention the name of this conference to receive the special lodging rate of $114/single or $134/double + tax. There will be a $10 charge for an additional person, per day plus tax.

Sponsorship/Exhibits

Our sponsorship program allows architects and other organizations involved in the planning and design of educational facilities to support the VEFP by contributing $1500, $1000, $500 or $300. For this sponsorship, we will boldly list your company in the conference program as a sponsor and friend of VEFP and you will be recognized at the annual banquet. Additionally, event sponsorship may be available.

We will also be inviting the architects who submit school exhibits to share those projects with the attendees during the reception just prior to the annual banquet. There is a $125 exhibit fee per entry displayed and this fee will be used to support that evening's events. If you are an architect that wishes to submit architectural exhibits at the conference and also wish to be a sponsor, the $125 exhibit fee will be waived on the first entry.

For More Information

For further program or registration information, please call Elizabeth Wade Fillman at Virginia Tech's Continuing and Professional Education, (540) 231-9087, or e-mail *elwade1@vt.edu.*

Fees and Registration

The fee for this conference includes registration, conference materials, coffee breaks, evening reception, banquet, and two luncheons. A separate fee of $85 covers the optional preconference workshop. To register, complete the form and return it with payment, or you may register online by credit card at *http://www.cpe.vt.edu/reg/vefp/.*

Your registration form and fee should be returned no later than February 15, 2008. Late registrations must be confirmed with the Conference Registrar at (540) 231-5182 to verify space availability.

Refund and Cancellation Policy: Requests for refunds will be honored when received seven calendar days prior to the program. However, another person may be substituted at any time for this program. A $30 administrative fee will be deducted for cancellations. In the unlikely event that this program is cancelled or postponed due to insufficient enrollments or unforeseen circumstances, the university will fully refund registration fees but cannot be held responsible for any other expenses, including cancellation or change charges assessed by airlines, hotels, travel agencies, or other organizations.

For weather or disaster-related program cancellation or postponement information, please call 540-231-9489.

VT/170/1207/1.3M/281330

Virginia Educational Facility Planners

Annual Conference | March 3 & 4, 2008

Register online at *http://www.cpe.vt.edu/reg/vefp/* or complete and mail this form. *Please print or type. Complete a separate form for each participant.*

Name

Title

Organization

*Organization's FID #

Address

City   State   Zip

Daytime Phone#

E-mail

Fax

Signature

Method of Payment

❏ Check enclosed, *payable to Treasurer, Virginia Tech*
❏ VISA   ❏ MasterCard   ❏ AmEx

Card #   Exp. Date

Cardholder Name

Signature

Note: *Registration will be processed when payment is received.*

Registration Fees

❏ Optional Pre-Conference Workshop—**$85**
❏ School Divisions Personnel—**$215**
❏ Students (*student ID required*)—**$75**
❏ Design Professionals and All Others—**$265**
❏ Lunch Guest for Monday—**$25**
❏ Dinner Guest for Monday—**$50**
❏ Lunch Guest for Tuesday—**$25**
❏ Guest Meal Package—**$170**

Meal Option (*please choose one for each day*)

Dinner - March 3   **Guest**
❏ Beef ❏ Chicken ❏ Fish ❏ Veg.   ❏ Beef ❏ Chicken ❏ Fish ❏ Veg.

Lunch - March 4   **Guest**
❏ Beef ❏ Chicken ❏ Fish ❏ Veg.   ❏ Beef ❏ Chicken ❏ Fish ❏ Veg.

Sponsorship Fees

❏ Sponsorship— ❏ $1500 Platinum Level
                ❏ $1000 Gold Level
                ❏ $500 Silver Level
                ❏ $300 Bronze Level
❏ Architectural Exhibit—$125 per Entry

Total Amount Enclosed $ _____

Return with conference registration and/or sponsorship check by **February 15, 2008** to: (no staples, tape or paper clips, please)

Conference Registrar, Continuing and Professional Education
Virginia Tech, Mail Code 0272
702 University City Blvd.
Blacksburg, VA 24061
phone: (540) 231-5182
fax: (540) 231-3306

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Received | AMT: _____
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*Necessary to process any refunds to any company, agency or government.

The information you provide is subject to the Freedom of Information Act guidelines.

Directions

From North or South I-81 Exit 143 (I-581) to Exit 5, Bear right onto Wells Avenue, Parking straight ahead.

From 220 North 220 North becomes I-581 North, Exit 4E to Route 460 (Orange Avenue), Right on Wells Avenue, Parking straight ahead.

From Lynchburg 460 West 460 West becomes Orange Avenue, Left on Williamson Road, Right on Wells Avenue, Parking straight ahead.
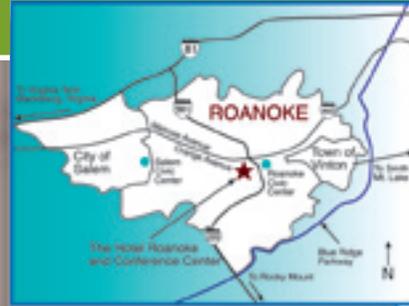
2008 VEFP Annual Conference Event Sponsors

Banquet and Speaker: Hess Construction and Beery Rio Architecture + Interiors
Awards Luncheon: Moseley Architects
Evening Reception: Grimm + Parker Architects
Omelet Breakfast: SHW Group
Keynote Speaker: VMDO Architects

For additional sponsorship opportunities, please contact VEFP at *tcarr@vefp.org*

Thank You For Your Support!

VirginiaTech

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