

HIGHLIGHTS

Experience two days of interactive workshops, lectures, and mini-sessions of your choice to discuss implementing best practices in educational facility design and management in Virginia:

- ◆ Keynote address from nationally known architect, author, and sustainability expert, Edward Mazria
- ◆ Learn about cost control methods and construction market trends
- ◆ Hear what the research says about how learning environments affect student performance from nationally recognized VCBO Architects of Salt Lake City, 2004 McConnell Award Winners
- ◆ Hear from last year's architectural exhibit award winners
- ◆ Learn how to develop a total project budget for school construction projects
- ◆ Receive continuing education credits
- ◆ Receive VEFP membership

DIRECTIONS

From North or South I-81

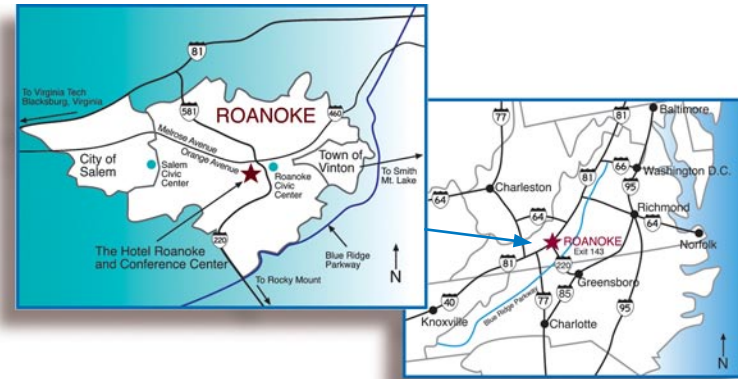
Exit 143 (I-581) to Exit 5, Bear right onto Wells Avenue, Parking straight ahead.

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.



Cover photo: West Point Junior High School, Davis School District, West Point, Utah, VCBO Architecture

Virginia Tech does not discriminate against employees, students, or applicants for admission or employment on the basis of race, gender, disability, age, veteran status, national origin, religion, sexual orientation, or political affiliation. Anyone having questions concerning discrimination should contact the office for Equal Opportunity. If you are a person with a disability and require any auxiliary aids, services or other accommodations for this workshop, please discuss your accommodation needs with Terri Sadler at (540) 231-2008 or TDD (800) 828-1120 at least two weeks prior to workshop.

VT/170/1105/800/261214

LAST YEAR'S PARTICIPATING SCHOOL DIVISIONS

- | | | | |
|------------------------------------|------------------------------------|-----------------------------------|---|
| Alexandria City Public Schools | Franklin County Public Schools | Madison County Public Schools | Spotsylvania County Public Schools |
| Alleghany County Public Schools | Frederick County Public Schools | Mecklenburg County Public Schools | Stafford County Public Schools |
| Arlington City Public Schools | Grayson County Public Schools | Montgomery County Public Schools | Staunton City Public Schools |
| Chesapeake City Public Schools | Hanover County Public Schools | Newport News City Public Schools | Suffolk City Public Schools |
| Chesterfield County Public Schools | Henrico County Public Schools | Poquoson City Public Schools | Tazewell County Public Schools |
| Culpeper County Public Schools | Highland County Public Schools | Powhatan County Public Schools | Virginia Beach City Public Schools |
| Fairfax County Public Schools | King & Queen County Public Schools | Richmond City Public Schools | Washington County Public Schools |
| Falls Church City Public Schools | Loudoun County Public Schools | Roanoke City Public Schools | Williamsburg-James City County Public Schools |

Conference Registrar
Continuing and Professional Education
Virginia Tech, Mail Code 0272
702 University City Blvd.
Blacksburg, VA 24061

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Permit No. 28



The Hotel Roanoke & Conference Center
Roanoke, Virginia



Virginia Educational Facility Planners

Annual Conference

February 27-28, 2006

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

www.vefp.org



VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY



MONDAY, FEBRUARY 27

- 8:00AM **Registration Begins**
- 8:30–11:00AM **Pre-Conference Workshop – “The Power of Learning Environments” – How the School Facility Affects Learning**
VCBO Architects
Discover the power of the learning environment to transform academic outcomes! Join the 2004 McConnell Award-winning architects for an exciting, hands-on seminar specifically exploring the strategies involved in the creation of appealing, high quality, affordable, and innovative educational facilities. This program will discuss the impact of the facility on student and teacher performance. The results of over 120 scientific studies will be presented as evidence that great design and planning do make a measurable difference in student outcomes. Through the use of extensive case studies, participants will explore new ideas in educational delivery. The emphasis will be on sharing new ideas for designing school facilities that are an integral part of the learning process.
- 11:00AM **Architectural Exhibits Setup**
- 12:00–1:15PM **Lunch Buffet (Part of Conference)**
- 1:30–1:45PM **Welcome and Conference Overview**
Ben Motley, REFP, President VEFP
Vijay Ramnarain, President Elect VEFP
- 1:45–3:30PM **Keynote Address – “It’s the Architecture, Stupid”**
Who really holds the key to the global thermostat? The answer might surprise you. Hear from nationally recognized architect, practitioner, author and speaker, Edward Mazria, who will give us a global perspective on the hot topic of energy consumption.
- 3:30–3:45PM **Break**
- 3:45–4:45PM **Mini Sessions – (pick one out of four)**
1. Developing a Total Project Budget
What is the difference between hard and soft costs in a construction project? What items should be included in a total budget? Are there some rules of thumb for fees, contingencies, surveys, furnishings, and other soft costs?
2. Construction Pricing – What’s Ahead?
What is behind the unprecedented escalation in construction cost? Is it labor, lack of competition, or global pressures on materials? What can we expect for next year?
3. “It’s Only a 5 Pound Bag” – Determining School Capacity
It is crucial for school districts to have accurate information about the true capacity of their schools. Many of the formulas of old give a false capacity. The presenters will define capacity, demonstrate a reliable calculation methodology, and provide input on ways to increase capacity.
4. Case Study: Award-Winning PK-5 Renovation
Glebe Elementary School
Arlington County Public Schools
See also Arlington County’s Langston Brown High School, which garnered a special award from the 2005 jury.
BeeryRio Architecture + Interiors
- 4:45–5:00PM **Break**
- 5:00–6:00PM **Reception**
Visit Architectural Exhibits
Renew Acquaintances
- 6:00PM **Dinner and Entertainment**

TUESDAY, FEBRUARY 28

- 7:00–8:00AM **Continental Breakfast Buffet**
Visit Architectural Exhibits
- 8:15–9:15AM **Mini Sessions – (pick one out of four)**
1. Developing a Total Project Budget (repeat)
What is the difference between hard and soft costs in a construction project? What items should be included in a total budget? Are there some rules of thumb for fees, contingencies, surveys, furnishings, and other soft costs?
2. PPEA – Lessons Learned and Strategies for Success
A look at the practical issues, problems, and some of the solutions and successful strategies that have been developed as PPEA projects have become a reality.
3. Technology By the Square Foot?
Gain a basic understanding of what technology really means and why it means different things to different districts. Learn about best practices on budgeting, procurement, installation, and support.
4. Case Study: Award-Winning New PK-5
Greenwood Elementary School
Henrico County Public Schools
BCWH Architects
- 9:15–9:30AM **Break**
- 9:30–10:30AM **Mini Sessions – (pick one out of four)**
1. Comprehensive Approach to Cost Control
The team that stays together saves together. Hear from an experienced architect, owner, and contractor on collaborative techniques to reduce and control construction costs.
2. Understanding Building Commissioning
It’s all about getting a correctly operating building when the job is complete. Gain a fuller understanding of the process and benefits of proper commissioning.
3. Lessons Learned – High Performance Schools in Virginia
High Performance / Sustainable Schools are continually talked about in national and international media. Learn from those who have designed and occupied such schools right here in Virginia.
4. Case Study: Award-Winning New 6-12
Auburn Middle School
Fauquier County Public Schools
Samaha Associates Architects
- 10:30–10:45AM **Break**
- 10:45–11:45AM **Mini Sessions – (pick one out of four)**
1. Change Orders – The Good, the Bad, and the Ugly
How to minimize, price, approve, and even benefit from this frequent source of conflict and misunderstanding during construction.
2. Creating Environments for the Knowledge Age
In keeping with Governor Warner’s “Redesigning the American High School Initiative,” this seminar will take a forward focus at the impact of environments on intended behavior changes and how this can assist in planning for the changing needs of learners.
3. Construction Pricing – What’s Ahead? (repeat)
What is behind the unprecedented escalation in construction cost? Is it labor, lack of competition, or global pressures on materials? What can we expect for next year?
4. Case Study: Award-Winning 6-12 Renovation
Fluvanna High School
Fluvanna County Public Schools
BCWH Architects
- 12:00 **Lunch**
VEFP Business Meeting
Awards Ceremony

LOCATION

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 night of February 27. To reserve your lodging room, call toll free 1-866-594-4722 or make your reservations online at http://doubletree.hilton.com/en/dt/groups/private_groups/roaswdt_efp/index.jhtml. Register by January 25 and mention the name of this conference to receive the special lodging rate of \$102/single or \$122/double + tax.

SPONSORSHIP / EXHIBITS

Again this year we will have a sponsorship program that will allow architects and other organizations involved in the planning and design of educational facilities to support the VEFP by contributing \$1000, \$500, \$300 or \$200. 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 is 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.

FMI

For further program or registration information, please call Terri Sadler at Virginia Tech’s Continuing and Professional Education, (540) 231-2008, or e-mail tsadler@vt.edu.

FEE 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 <https://www.conted.vt.edu/ssl/vefp/>. Your registration form and fee should be returned no later than **February 13, 2006**. 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.

REGISTRATION

Virginia Educational Facility Planners Annual Conference February 27–28, 2006

Registering is easy! Register online at <https://www.conted.vt.edu/ssl/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 _____

Method of Payment:

- Check enclosed, payable to Treasurer, VA Tech
- Visa Mastercard AmEx

Card Number _____ Exp. Date _____

Cardholder Name _____

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

Meal Option (please choose one for each day) :

Dinner 2/27		Lunch 2/28	
<input type="checkbox"/> Beef	<input type="checkbox"/> Chicken	<input type="checkbox"/> Beef	<input type="checkbox"/> Chicken
<input type="checkbox"/> Fish	<input type="checkbox"/> Vegetarian	<input type="checkbox"/> Fish	<input type="checkbox"/> Vegetarian

Sponsorship Fees:

- Sponsorship – \$1000 Platinum Level
 \$500 Gold Level
 \$300 Silver Level
 \$200 Bronze Level

Architectural Exhibit – \$125 per Entry

Total Amount Enclosed \$ _____

Return with conference registration and/or sponsorship check by **February 13, 2006** 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

*Necessary to process any refunds to any company, agency or government.

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