



Byrd School of Business  
Shenandoah University  
photo ©EricTaylorPhoto.com

# Shockey: Smart Thinking On Campus

Halpin-Harrison Hall transforms the face of business education at Shenandoah University, setting the tone as a landmark for the campus. The new home of the Harry F. Byrd Jr. School of Business includes classrooms, a media center, an auditorium, food service, conference spaces and a parking garage on the basement level.

Colleges and universities need advanced, state-of-the-art structures as they grow and expand their campuses. Shockey understands the challenges associated with higher education projects and has delivered numerous complex facilities and partnered with numerous colleges and universities across the Mid Atlantic.

*Shockey brings experience, innovative building solutions and superior performance to every campus project.*

## ROANOKE COLLEGE > STUDENT UNION RENOVATIONS, ADDITIONS

**Project Team:**  
Roanoke College, Roanoke, VA - Owner  
Howard Shockey & Sons, Inc. - Preconstruction Services / Negotiated Joint Venture with R. L. Price Construction General Contractor  
WTW Architects, Pittsburgh, PA - Architect



## JAMES MADISON UNIVERSITY > PARKING DECK/PARKING OFFICE

**Project Team:**  
JMU, Harrisonburg, VA - Owner  
Howard Shockey & Sons, Inc. - General Contractor  
Moseley, Harris, McClintock, PC, Harrisonburg, VA - Architect  
[photo ©EricTaylorPhoto.com]



## SHENANDOAH UNIVERSITY > GRAND THEATRE PERFORMING STAGE

**Project Team:**  
Shenandoah University, Winchester, VA - Owner  
Howard Shockey & Sons, Inc. - Preconstruction Services / Negotiated General Contractor  
The Weihe Partnership, Washington, D.C. - Architect





# Collaborating on Campus

## Integrated Project Delivery Spells Success for Wakefield

“What we got went way above the contractual agreement.”

—Jack Kennedy, assistant headmaster, Wakefield School

The history of Wakefield School is one of bold vision, decisive steps, and outstanding results. The school's commitment to best practices extends far beyond the classroom. On the construction of its new Science and Technology Center,

“To ensure a successful outcome, the team must be in place early,” said Krewatch, owner's representative/construction manager for Wakefield. In this case, the team began working together during the schematic design phase.

“The benefit of early collaboration is shared information,” explained architect Bill Geier. “The owner's requirements were clear; we worked as a team to meet functional, aesthetic and budget needs.”

For example, as the design moved forward and into value engineering, Geier recalled, “we systematically compared building systems and materials, looking for similar performances and aesthetic properties to find the best value.

“A huge benefit is that we were able to work out all the issues before we sent drawings to the subs,” continued Geier. “There were fewer RFIs. We didn't see many change orders or substitutions. The owners got the building within the budget and without any surprises.”

Jack Kennedy, Wakefield Assistant Headmaster, said, “What we got went way above the contractual agreement. Shockey was great to work with,” and the building was delivered under budget and before scheduled completion. ✨

for example, the private K-12 school used a building process that is more often seen with complex, higher education projects.

Integrated project delivery (IPD) is both a philosophy and a delivery method. Research from the Construction Industry Institute shows that collaborative projects have fewer claims, shorter schedules, and more job satisfaction. Obstacles between project team members are removed, and the focus becomes a team that shares a mutual responsibility to meet the owner's goals.

“Projects like this require a sophisticated client,” said Joe Krewatch.



### WAKEFIELD SCHOOL SCIENCE AND TECHNOLOGY CENTER

With student and faculty demands growing more sophisticated, most library construction projects have surpassed the stage where they are simply multi-leveled buildings filled with shelves upon shelves of books. The upper school library at Wakefield School, located on the first level of the new Science and Technology Center, contains a separate research lab fully equipped with computers for use by both teachers and students. Integrated into Wakefield's own network, its classrooms are equipped with the latest in ceiling-mounted projectors, document cameras, and video players. Wakefield's new 20,000 square-foot Science and Technology Center was built using an IPD approach. [photo ©Hoachlander Davis Photography]

## Want to learn more about IPD?

Visit our website to download a free white paper on Integrated Project Delivery, developed by AGC, AIA, and others.

[www.howardshockey.com](http://www.howardshockey.com)

### WAKEFIELD SCHOOL SCIENCE AND TECHNOLOGY CENTER

**Project Team:**  
 Wakefield School, The Plains, VA - Owner  
 Krewatch Construction Management, Markham, VA - Owner's Representative / Construction Manager  
 Howard Shockey & Sons, Inc. - General Contractor  
 Geier Brown Renfrow Architects, LLC, Alexandria, VA - Architect  
 [photo ©EricTaylorPhoto.com]

## Shockey In The News

Howard Shockey & Sons served as general contractor for The Greater Richmond Transit Co. Bus Operations and Maintenance Facility—just named a “Best of the Best” Winner for 2010 by ENR Magazine.

One judge said, “A great example of a project that can be boring, but [the team] went out of its way to make exceptional.” The project team overcame an asbestos-ridden site to deliver Richmond's first public building to earn LEED Silver status.

The “best” projects were chosen from more than 1,500 projects.



In other news, Howard Shockey's Vice President, Jeff Boehm, will serve as Vice Chair of the General

Contractors' Council for the Virginia Chapter of Associated Builders and Contractors (ABC) in 2011.

ABC Virginia is a statewide, pro-business association representing construction-related industries. The GC Council is a group that meets to address and provide solutions for industry-wide general contractor issues.

During Boehm's 24-year tenure with Shockey, he has been involved in all aspects of construction, business development, contract negotiation, public-private partnerships and land development. He is responsible for leading strategic growth at Shockey, and he specializes in the development of public-private partnerships and is a frequent speaker on the topic. In 2005, he was appointed to the Virginia Legislature's PPEA Model Procedures Task Force, to which he was reappointed in 2009. ✨

Source: ENR Magazine



### ALSON H. SMITH, JR. LIBRARY ON THE MAIN CAMPUS OF SHENANDOAH UNIVERSITY

Shockey has built libraries on both college and private school campuses. Projects such as the Alson H. Smith, Jr. Library include complex technology and spaces for computer labs, digital materials centers, study areas and more.

**Project Team:**  
 Shenandoah University, Winchester, VA - Owner  
 Howard Shockey & Sons, Inc., - Preconstruction Services, Negotiated General Contractor  
 Ward/Hall Associates, Fair Oaks, VA - Architect

# SHOCKEY

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## recycle and reuse

Historic building  
to be repurposed  
into student housing

Howard Shockey has been selected as general contractor for an adaptive re-use project that will rehabilitate a historic building into graduate student housing for Shenandoah University.

The project will utilize historic rehabilitation tax credits, which are designed to stimulate local job growth and to revitalize urban and main street communities through reinvestment in historic properties.

Winchester Mayor Elizabeth Minor said that the conversion will “help create a stable downtown with vibrant and exciting flavor that young people bring to the city.” \*



## AS THE BELL TOLLS SHOCKEY BRINGS CAMPUS LANDMARK BACK TO LIFE

When the team at Howard Shockey & Sons found extensive damage to the clock tower's cupola and supporting structure at Shepherd University's McMurran Hall, the cupola and other associated items (including the bell) had to be removed with a crane. Shockey built a new cupola at its Winchester facility and installed it on the clock tower, making it good as new. \*

< **SHEPHERD UNIVERSITY**  
RENOVATION OF MCMURRAN CLOCK TOWER

**Project Team:**

Shepherd University, Shepherdstown, WV - Owner  
Howard Shockey & Sons, Inc. - General Contractor  
[photo ©Shepherd University]

## Upcoming Conferences

Virginia Hospital & Healthcare Association Spring Conference,  
April 6-8 2011, The Williamsburg Lodge, Williamsburg, VA

Virginia Society of Healthcare Engineers (VSHE) Annual Conference,  
May 2-4 2011, Williamsburg Marriott at Kingsmill, Williamsburg, VA