



KRISTEN A. BUTTS, PE, LEED AP, WELL AP Principal



Kristen Butts' ability to deliver innovative solutions to design challenges drives the success of many of Altieri's complex multi-program projects.

Kristen joined Altieri in 2006 upon completing her studies in mechanical and architectural engineering. She is an exceptionally talented leader who emphasizes partnership, open communication, and a shared commitment to achieving the architect's vision. Kristen's design work and leadership on the Virginia Commonwealth University CoStar Center for Arts and Innovation project exemplify her creative approach. She went beyond the standard design for a smoke purge system, supporting her team by developing an intricate solution that fits within a 200,000+ SF, 9-story building with a complex AHU distribution driven by varying space demands. This work reflects Kristen's ability to lead complex design efforts with clarity and precision, consistently delivering innovative, high-performing solutions that align with both technical requirements and ambitious design visions.

Since 2018, Kristen has taught a course on systems integration at Yale University's Graduate School of Architecture. She is also a member of ASHRAE and the Mid-Atlantic Association of Museums (MAAM).

Education

The Pennsylvania State University, 2005
Master of Architectural Engineering
HVAC Emphasis

The Pennsylvania State University, 2005
Bachelor of Architectural Engineering
HVAC Emphasis,
Minor in Architectural Studies

Registrations

Professional Engineer
CT, FL, MI, NY, VA

Professional Engineer-Mechanical
VT

Awards

40 Under 40, Consulting-Specifying
Engineer, May 2021

Most Innovative Project Under \$100M and
Award of Merit, Architectural Engineering
Institute, 2020, Corning Museum of Glass,
Contemporary Art +Design Wing and
Amphitheater Hot Shop

Presentations

Transforming a 19th Century Historic Armory
Building Into a 21st Century Energy-Efficient
Center of Student Life: Case Study of STCC
Student Learning Commons, Architectural
Engineering Institute (AEI) Conference
2021, with Ann Beha Architects.

Healthy Buildings: What You Need to Know
About Indoor Air Quality and Your Building
Systems, Building Museums Symposium
2021 (MAAM)

Select Project Experience

American Museum of Natural History, New York City, NY

The Brooks School, North Andover, MA

Brown RISD Hillel, Providence, RI

Chrysler Museum of Art, Perry Glass Studio, Norfolk, VA

Corning Museum of Glass, Contemporary Art + Design Wing and Amphitheater
Hot Shop, Corning, NY

Distinguished private residential projects in Greenwich, Long Island, Texas

Eastern Connecticut State University, Fine Arts Instructional Center,
Willimantic, CT

Guild Hall, East Hampton, NY

Harvard Divinity School, Swartz Hall, Cambridge, MA

Harvard University Law School, Lewis Law Center, Cambridge, MA

Long Island University College of Veterinary Medicine, Brookville, NY

Middlebury College Museum of Art, Middlebury, VT

North Carolina Museum of Art, Raleigh, NC

Peabody Essex Museum, Gallery Expansion, Salem, MA

Smithsonian National Museum of American History, Washington DC

The Society of the Four Arts, Palm Beach, FL

Sojourner Truth State Park, Kingston, NY

Springfield Technical Community College, Rubenzahl Student Learning
Commons, Springfield, MA

Taughanock Falls State Park, Trumansburg, NY

Virginia Commonwealth University, CoStar Center for Arts and Innovation,
Richmond, VA

Waterloo Neighborhood Park and Moody Amphitheater, Austin, TX

Yale University Art Gallery, New Haven, CT