

## Conferences and Lectures

❖ **SWRI, Sealant Waterproofing & Restoration Institute, 2013 Winter Technical Meeting**  
Scottsdale, AZ, March 3-6.  
Kelly Streeter presented "Using Technology to Document Historic Buildings".  
[Presentation available here.](#)

❖ **ANSI, American National Standards Institute, Z359 Fall Protection Committee Meetings**  
Boulder, CO / March 26-28.  
Kelly Streeter and Keith Luscinski attending.

❖ **Public Lecture: Guastavino Vaulting: The Art of Structural Tile**, with John A. Ochsendorf, Associate Professor Civil and Environmental Engineering and Architecture at MIT.  
New York Public Library, Mid-Manhattan Branch, New York, NY / April 25, 6:30 - 8:30pm.

❖ **Society for Industrial Archeology Annual Conference**  
Minneapolis-St. Paul / May 30 - June 2. Kent Diebolt and Ron Anthony presentation on "The Recreation of the Hanging Flume in Uravan, Colorado".

❖ **APT NYC 2013, "Preserving the Metropolis"**  
New York City, October 11-15.  
Vertical Access is a major sponsor and will be co-presenting a hands-on workshop on Guastavino vaults.

## STAFF UPDATES



We're pleased to announce the hiring of Andrew McLaughlin as a full time member of our team. Andrew's first project with Vertical Access was the investigation of the New Jersey State House Dome in Trenton, where he spent two days on rope assisting with rigging, documenting existing conditions and performing ultrasonic thickness gauge testing.

Andrew has a BS in Geology from the University of Oregon, is SPRAT Level One certified and Association for Challenge Course Technology (ACCT) Level Two certified. When not at work he is a recreational climber and spends time with

## Project Highlight: Central Railroad of New Jersey Terminal Building



The Victorian era-style, red brick Central Railroad of New Jersey Terminal building opened in 1889 (William Peddle, Peabody & Stearns), and saw millions of immigrants enter the United States for the first time through its doors after being processed for entry at Ellis Island.

The terminal is part of Liberty State Park and the historic area of Ellis Island and the Statue of Liberty. It is used as a visitors' center and for exhibits and events.

As part of the planned renovation, LWDMR hired Vertical Access to investigate and document the existing conditions of the roof in late Fall 2012.

On October 29th, just before the inspection was to begin, Super Storm Sandy hit the NY/NJ metro area. A large surge from the Upper Bay (between Manhattan and Jersey City) knocked out windows and doors on the first floor of the building causing significant architectural damage while destroying all mechanical and electrical systems in the building. Wind-driven debris broke several skylights and several large sections of slate were blown off the steep roofs. As a result of this unexpected disaster, the scope and priorities of the investigation shifted to cover the inspection of the storm damaged areas of the building as well.

## Preservation Engineering Course at Manhattan College



For the Spring 2013 semester, Kelly Streeter and Berta de Miguel are engaged in teaching a graduate level course "Restoration of Historic Buildings: Discovery, Design, Execution". Twenty three students from Manhattan College are enrolled in this program that covers topics such as archival research, construction history, site inspections, and documentation standards. A number of guest lecturers are scheduled brought in for their particular areas of expertise from the field of preservation. Pictured above is Mike Schuller, structural engineer and president of Atkinson-Noland & Associates, Inc.

The idea for this course was started in 2010 by Dr. Moujalli Hourani, the chair of the college's Civil and Environmental Engineering department. Dr. Hourani began to experiment with the use of local adjunct professors to develop a series of preservation engineering courses that took full advantage of the wealth of expertise the New York City area has to offer. As much of the engineering student

his family. Welcome Andrew!

[See more photos from the NJ State House Dome Project here.](#)



**Structural Engineer** magazine has recognized, Kelly Streeter, partner at VA, as one of their **2013**

**Rising Stars.** This annual feature selects 15 nominated individuals who are 40 years old or younger working in the United States that are "...pushing the profession to new heights - advancing the use of new materials and techniques - and involved in academia, research, and public service" **Congrats Kelly!**

### VA Opens New Office in Salt Lake City

We're pleased to announce our new office in Salt Lake City, UT. Keith Lusinski is the Branch Manager who will be busy exploring new opportunities in the western United States in addition to his role of rope access supervisor and technician.

### About Vertical Access

Vertical Access LLC collaborates with architecture, engineering and construction firms, and real estate professionals nationwide to perform specialized inspection services and condition assessments on buildings and civil structures using industrial rope access techniques and direct-to-digital information systems. [Visit our website to learn more.](#)

### Contact Us

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### Newsletter Archives

View earlier *Vertical Access Quarterly* [here.](#)

body of Manhattan College is comprised of working professionals, evening classes allow both the guest lecturers and students to work full-time while earning degree-granting credit.

### Seen Around Town



[See full-size here.](#)

### Flume Fever - The Video



*We met Mara Ferris in Colorado in April 2012 during the reconstruction of the hanging flume project. Mara is a videographer and was on-site gathering footage for a video documentary. She has released a trailer for the film and has provided an introduction to her project here.*

### Flume Fever!

by guest author Mara Ferris of [Gen 9 Productions](#)

Never realizing its rich history, I have stopped many times along the Unaweep-Tabeguache Scenic byway to view the remnants of the spectacular wooden structure hanging high on the red rock walls above the San Miguel and Dolores Rivers. As a filmmaker based in Western Colorado I had photographed the structure several times and always pondered the story behind this vibrant piece of living history. Thankfully my team was hired to film the Hanging Flume reconstruction project in April 2012 and our knowledge of the rich and colorful history quickly grew. We caught 'Flume Fever' as soon as filming began!

Contracted by [Western Colorado Interpretive Association](#) to film the reconstruction and produce a short video we had the pleasure of spending four days shooting footage, gathering interviews and learning the story of the structure. This short documentary will be used as an educational tool to help inspire future historical preservation projects along the scenic byway and promote the preservation of our local history for future generations. It was a thrill to see the Vertical Access team work, and I am grateful we were all able to share in the 'Flume Fever' – enjoy the trailer! [Watch video here.](#)

### Research Project Submissions Now Being Accepted for the 2nd Guastavino Biennial



Rafael Guastavino (1842-1908) was an architect and builder from Spain who was a key participant in the architectural renaissance of Manhattan where his construction company built more than 240 buildings. He created a system of tiles and vaulted arches that grace a large number of famous buildings.

The life and work of this renowned master building will be honored at the **2nd Guastavino Biennial** to be held in November 2013 in Vilassar de Dalt, Spain. The aim of this event is to promote and expand the knowledge and understanding of his legacy within Spain, Catalonia, and



the United States where more than a thousand of his structures were built.

A juried competition of research projects is the cornerstone of this event. Students or professionals are eligible to enter. For full entry requirements and terms you may [download the brochure here](#). Deadline for submissions is September 15, 2013.

The first Biennial award was awarded to Megan Reese. The jury selected Reese's study, *Structural Analysis and Assessment of Guastvino Vaulting* for its excellence in discussing methods of analysis for existing Guastavino vaults and the merits of various systems of repair and restoration.

We'll pass along more here as new information and resources become available.

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### **Boston Society of Architects Presents Gasson Hall, Boston College with Design Award**

The [Boston Society of Architects](#) (BSA) has presented an award for the restoration of Gasson Hall on the Boston College campus to the design team led by [McGinley Kalsow & Associates](#).

In an excerpt from the project description on the MK&A website, "Gasson Hall is one of the largest cast stone restoration projects undertaken for a historic building in North America." [See website for full project description.](#)

Vertical Access is proud to have been part of this monumental effort during the discovery phase phase of the project. [Read more](#)

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