

- Atlanta, GA

Boston, MA

Los Angeles, CA

New York, NY

Orlando, FL
- Philadelphia, PA

Phoenix, AZ

Princeton, NJ

Syracuse, NY

Washington, DC



CURRENT EVENTS



Pennsylvania State University Career Fair



Clarkson University Career Fair

Career Fair Presentations

Recruiting young professionals is an important aspect of company growth and there is no better place to find such talent than from career fairs hosted by colleges and universities around the country. This fall Vanderweil has been present at:

- *Pennsylvania State University:* James Rodgers, Patrick Murphy, and Michael Kennedy represented on September 22nd
- *Clarkson University:* Michael Kennedy represented Vanderweil on September 24th

Conference Announcements

Not only has Vanderweil been actively involved on campuses but at conferences as well. This year many of our accomplished engineers presented at National S&T and Healthcare conferences including the following:

- *Tradeline 2015*, Facility Strategies for Animal Research and Biocontainment, Boston, MA: Presenters - Michael Clements and Michael Walsh
- *3rd Annual Critical Facilities Summit*, Charlotte, NC: Presenters - Jim Gikas and Chris McLean
- *Healthcare Facilities Symposium and Expo*, Chicago, IL: Presenters - Grant Ramsay, John Saad, and Hani Mardini

BIM AWARENESS

BIM Awareness: COBie

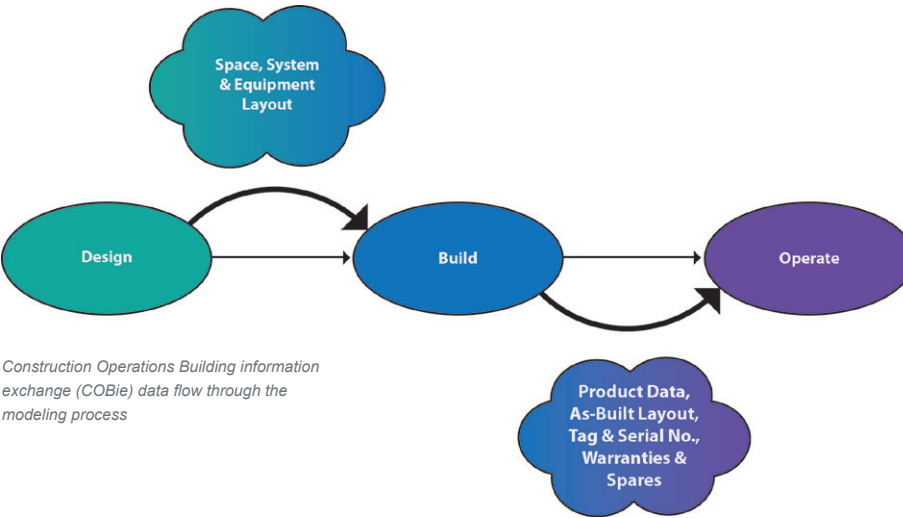
By Kevin Broughton

One of the key topics with regards to BIM is COBie. COBie is a model-based specification primarily used for facilities management (FM) after the project is turned over to the owner. COBie is an abbreviation for Construction Operations Building information exchange.

COBie can be used for two purposes in model data: equipment and space information. COBie helps the owner and FM team organize electronic data flow in and out of the model. It can also help with providing electronic O&M manuals using information from the data provided in the model. COBie data may then be exported out of the model and imported directly into CMMS and asset management software like EcoDomus and Maximo.

When working on a project that will incorporate COBie, it's important to know what specific information needs to be filled out by the engineering team and what will be filled out by the owner/contractor. Filling out this information takes time and that time needs to be covered by our scope and discussed with the architect/owner at the project and/or BIM kick-off meeting.

Also, helping the client understand what they want to do with this information is very valuable. There are times when the client wants to use COBie but is not sure why they want to use it.... Helping drive the “why” to the client can make a big difference in the deliverable of COBie information and make the final model a tool that they can use for the life cycle of the building. We’re doing COBie on several of our high profile BIM projects, including the University of Southern California, Michelson Center for Convergent Bioscience in Los Angeles, CA, and on the Department of Homeland Security (DHS) Headquarters Consolidation and Relocation Project in Washington, DC.



Construction Operations Building information exchange (COBie) data flow through the modeling process

PROJECT WINS

HEALTHCARE

NYU Langone Medical Center, Long Island Ambulatory Expansion, New York, NY

Working with Cannon Design to provide MEP services for the Long Island Ambulatory Center 2nd floor renovation. This space will be used for an orthopedics ambulatory practice. The project will include exam/consult space with two X-Ray rooms, along with clinical, patient, and staff support areas. It will not be an Article 28 facility. – *New York Office*

Mount Sinai Medical Center, 117th Street Dialysis Center, New York, NY

Providing engineering services for the addition to the existing pure water system that will provide a level of reserve to allow continued use of pure water for a specified duration, should the system lose its source of domestic water. – *New York Office*

SCIENCE & TECHNOLOGY

Rowan University, College of Engineering Addition, Glassboro, NJ

Awarded this 90,500 sf addition with Ellenzweig, which includes wet and dry laboratory spaces, meeting rooms, conference rooms, classrooms, faculty and staff offices, research lab spaces, and spaces specially geared toward supporting Science, Technology, Engineering and Math (STEM) related academic programs. The building will be designed for LEED® certification. *Princeton Office*

AAIPharma Service, Cleanroom Installation, Charleston, SC

Teaming with Perkins Eastman to provide mechanical and electrical modifications to the 2nd floor lab spaces, and MEP upgrades to the 1st floor cleanroom areas. – *Philadelphia Office*

University of Georgia, Animal Health Research Center, Biosafety Level 3 Agricultural Facility Renovation, Athens, GA

As prime, Vanderweil will provide operational redundancy for this BSL-3 lab so the supply and exhaust HEPA filters can be tested while the space is operational. This is part of a broader effort to maintain vivarium operations during the annual performance verification. – *Atlanta Office*

COMMERCIAL

Canton Crossing, Baltimore, MD

Working with Elkus Manfredi Architects to provide engineering consultant services on the mechanical system design for three shell and core speculative office buildings. The project totals 200,000 sf, including a parking structure. – *Boston Office*

The Port Authority of NY & NJ, Port Authority Bus Terminal, Installation of Lighting on 40th and 41st Street, New York, NY

Provided electrical engineering services for Stage III and Stage IV. The Port Authority has requested that the team research and recommend new LED fixtures. – *Princeton Office*

COMMISSIONING

Town of Dedham, Town Hall and Senior Center, Dedham, MA

Working with Atlantic Construction and Management to provide commissioning services for the renovation of the Ames Schoolhouse. The project will consist of combining the Town Hall and the senior center. The existing Town Hall building will be renovated to be used as the police station. – *Boston Office*

The Port Authority of NY & NJ, PATH, Harrison Station, West Side Redesign, Harrison, NJ

Providing on-call commissioning services for the Port Authority of NY and NJ's PATH Harrison Station west side redesign project. – *Princeton Office*

POWER

New York Presbyterian Hospital, Uptown Campus CHP Study, New York, NY

Vanderweil is working with NRG Distributed Generation to prepare a preliminary conceptual design and detailed feasibility study for a 12 – 16 MW combined heat and power plant at the New York Presbyterian Hospital Upper West Side Campus. The new central plant (steam, chilled water, and electricity) will replace existing end-of-life infrastructure assets, and will be part of a new multi-use building on the south side of the campus. HOK is working for Vanderweil on this project to provide architectural and structural design services. *New York Office*

“RGV is always very responsive and a trusted partner in complex mission critical, LEED services, and energy related services. No project is too small or large for their expert team!”

– Confidential Global Financial Client



SUSTAINABILITY SUCCESS

GIG Gets Involved

By Alana Spencer

On Saturday, June 18th, Alana Spencer/GIG and the Boston Convention and Exhibition Center (BCEC) Staff worked with the vendor, Save That Stuff, to perform a LEED® Waste Stream Audit at the facility. Even a pigeon jumped in to assist!

In total we sorted through over two (2) tons (4,000 lbs) of materials for waste and recycling. The waste stream crew identified the types of recyclable materials and waste the conference center generates and how much of each type is recovered for recycling or discarded. This audit identified ways to reduce waste and enhance its recycling efforts and determined the potential for cost savings. From the audit we designed a more efficient waste disposal program, where the BCEC can increase the amount of paper, plastic, and metals that it recycles, which reduces air and water pollution, helps curb climate change, and conserves natural resources.

Vanderweil is the LEED® consultant for the BCEC LEED EBOM Program Development Study project, targeting LEED® Silver certification. The BCEC was recently selected as the venue for Greenbuild in 2017, USGBC's annual green building conference, which is a great honor.



Two (2) tons of waste and recyclable materials



The group busy at work



A very helpful volunteer

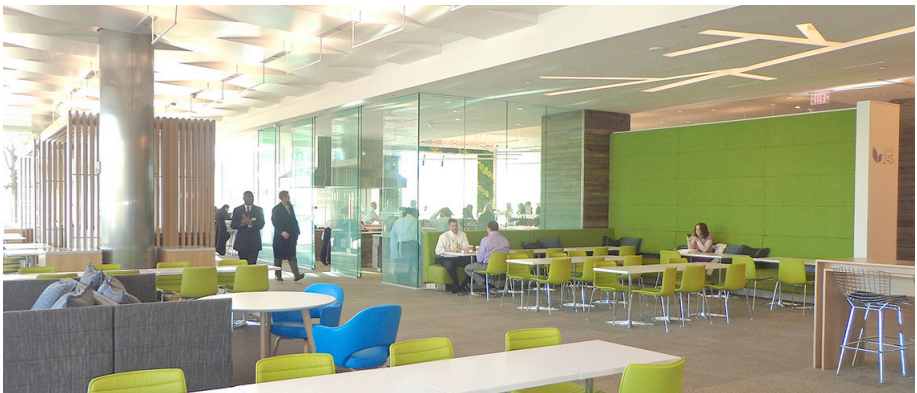
AWARDS



Baltimore Heritage: 2014 Historic Preservation Award - Stone House at Auchentoroly Terrace



AIA: Award of Merit for Commercial Architecture - 1400 Crystal Drive



CoreNet Award: Best New Workplace, Small Renovation - Confidential Global Financial Client

RECENT LEED® ACHIEVEMENTS

Newly LEED® Certified Projects

LEED® Platinum

- Duke University, Environment Hall, Durham, NC

LEED® Gold

- Montgomery College, Bioscience Education Center, Germantown, MD
- Frostburg State University, Center for Communications and Information Technology, Frostburg, MD
- Confidential Department of Justice Forensic Laboratory, United States

LEED® Silver

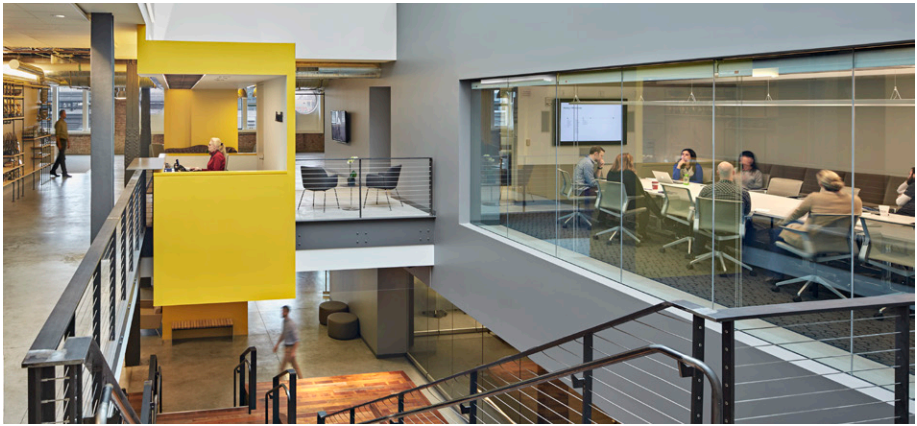
- Educational Testing Service (ETS), Building J, Lawrence Township, NJ



Duke University, Environment Hall, Durham, NC



ETS, Building J, Lawrence Township, NJ



CoreNet Award: Best New Workplace, Large Renovation - Havas/Arnold Worldwide Boston, Massachusetts Headquarters



2015 Pennsylvania Historic Preservation Award for a Residential Properties Construction Project - Dana and David Dornsife Center for Neighborhood Partnerships



EMPLOYEE SPOTLIGHT

Nelson Pavao Retires After 30+ Years at Vanderweil



After working with another firm for a few years, Nelson joined Vanderweil in 1981 as an HVAC engineer. He progressed steadily through the engineering ranks and was involved in many complex projects, such as major lab renovations for Harvard's Faculty of Arts and Sciences, infrastructure replacement at the John Hancock tower, energy master planning for various institutions, the 1.5 million sf National Lab for the EPA in Research Triangle Park, the 475,000 sf National Personnel Records Center in St. Louis for the U.S. National Archives, Wellington Management's 15-story office at 290 Atlantic Avenue in Boston, and numerous others.



Retirement well-wishes at Nelson's desk

During the last 15 years he transitioned into project management with a focus on the industrial sector, where he was involved in clean rooms for the semiconductor and fiber optic industries, and was Project Manager for the huge Lucent (formerly AT&T) and P&G (formerly Gillette) facilities in Andover and Boston respectively. Nelson has provided all-around HVAC engineer and client representative services.

He was especially skilled in the design of hydronic and steam systems. He is remembered by many of our engineers for his outstanding training and mentoring skills, for which he always gladly contributed time no matter how busy he was.

Mike Bakis Retires After 30+ Years at Vanderweil

Mike retired this June after 34 years in our Boston office and a string of accomplishments. At the time of his retirement he was a team leader in the plumbing department. Mike was a jack of all trades. He originally trained at the Franklin Institute, in plumbing and fire protection, but in his first job — for another consultant — he was assigned to HVAC, and added that trade to his skill set. Mike joined us in 1982 as a plumbing engineer. He was very good with clients and enjoyed interfacing with them, so in 1986 he began managing projects.

His most notable project in this role was the 700,000 sf Lawrence Lab project for MGH, where he and the Vanderweil team were able to convert a Navy warehouse on the Charlestown waterfront into a complex medical and biotech research facility. The building was of heavy concrete construction, with large columns and large column caps that detracted even more height from the floor to floor height, which itself was only 9 – 10 feet, way too low for a lab with a large floorplate like this one. But with Mike's leadership and coordination skills, we did it.

From 2000 – 2002 Mike had the opportunity to demonstrate his versatility once again, as our full time resident engineer for the construction administration phase of the \$100 million expansion of the central heating and cooling plant at Boston's Logan International Airport. At the completion of the project he came back into the office to head up a plumbing and fire protection team, where he was known for the thoroughness of his work and his excellent teaching and leadership skills. His team worked on science and technology, academic, and industrial facilities.



YOUNG PROFESSIONAL SPOTLIGHT

Luca Naccio



Office Location
Boston

Joined Vanderweil
April 2015

Education
Polytechnic University of Turin, Italy

Department/Responsibilities
Electrical Group

About Luca
Luca was born in a small town called Chieti in the region Abruzzo, located in the center of Italy on the Adriatic Sea. His first electrical project was in middle school, an electric circuit for lighting.

Luca pursued an automation and electrical diploma and earned his bachelors in electrical engineering at the Polytechnic University of Turin, Italy. After seven years in the engineering department, Luca started working as a project manager for the medium voltage and electrical industrial projects.

Moving forward, he would like to expand his knowledge of international electrical systems for global projects.

Fun Facts
Sauce is actually 'Sugo'. For her entire life, Luca's grandmother used to cook fresh tomatoes and meat for hours every day. He copied every single detail and secret, however, he will never understand why hers was always better.

Hobbies
Luca has played soccer all his life but likes to play golf to relax! He started playing soccer when he was four years old. Now Luca plays in local leagues and his goal is to gather all the company's soccer followers and create a Vanderweil soccer team.

CELEBRATING YEARS OF SERVICE

Celebrating the Retirement of Darryl Galletti



In October, several long-term employees met with Darryl Galletti on his last day before retirement, and presented him with a remembrance of his 47 years with Vanderweil. In attendance: Denis Silvia (35 years), Fred Livingston (31 years), Angelika Karamov (21 years), Darryl Galletti, Gary Vanderweil (48 years), Shelley Vanderweil (13 years), Kathleen Harrington (21 years) and Bill Vanderweil (41 years). His most recent project was with CVS, the pharmacy chain, a project that he was instrumental in obtaining. It consisted of improving the redundancy and resiliency of 40 mission critical regional distribution and call centers from coast-to-coast and in Puerto Rico.

Darryl is building and furnishing a house in Naples, Florida, and will continue to consult with Vanderweil from that location.