

NEWS

Atlanta, GA Orlando, FL
 Boston, MA Philadelphia, PA
 Los Angeles, CA Phoenix, AZ
 Miami, FL Princeton, NJ
 New York, NY Washington, DC



CURRENT EVENTS



Jim Rodgers speaking to Penn State students



Erika Rafferty and Phu Ha at WIT Career Fair

Presentations

Penn State: February 18th - Jim Rodgers participated as an industry adviser to a class of 3rd and 4th year Penn State Architectural Engineering students.

IQPC's Next Generation Research Labs: March 9th - Mike Walsh oversaw a course on analyzing academic medical centers' special design needs and building costs.

SCUP 2016 Mid-Atlantic Regional Conference: April 1st - Jim Miller presented on integrating resilience and flexibility into a historic renovation project.

Career Fair

Wentworth Institute of Technology: March 17th - Mike Kennedy, Erika Rafferty, and Phu Ha took part in the WIT career fair.

Grand Opening

The Vassar College, Bridge Building opened in January 2016. Vanderweil provided MEP/FP engineering for this 120,000 sf science building.

Ceremonies

Fred Livingston represented Vanderweil at the ribbon cutting ceremony at Massachusetts College of Art on Tuesday, January 19th. The Design and Media Center becomes the front door to the entire MassArt campus and is comprised of 40,000 sf of new space for the college.

PROJECT WINS

HEALTHCARE

Kaiser Permanente, Operating Room Fit-out & Expansion, South Baltimore Medical Office Building, Baltimore, MD

With HDR, Vanderweil was awarded a fit-out of an ambulatory surgery room shell space at the Kaiser Permanente South Baltimore Medical Office Building. The project will involve existing conditions assessment, review and incorporation of Kaiser Permanente standards, design, and construction administration for MEP services. – *Alexandria Office*

Summit Medical Group, MD Anderson Cancer Center, Florham Park, NJ

In conjunction with Cannon Design, Vanderweil will be providing MEP/FP engineering and low voltage services for a new 4-story, 130,000 sf building. The building will contain an imaging suite, radiology, retail pharmacy, laboratories, linear accelerators, surgical oncology, general surgery, GI services, 30 chemotherapy infusion bays, nursing stations, executive offices, administrative support, and possibly a breast center. – *Princeton Office*

University of Michigan Health System, Engineering Services, Ann Arbor, MI

Vanderweil will provide engineering services for an on-call service contract for the University of Michigan Health Systems. The term of agreement will be two years, with the option to extend for two additional one-year periods. – *Boston Office*

ACADEMIC

Lord Fairfax Community College: STEM Building, Warrenton, VA

Teaming with Grimm + Parker Architects to provide engineering services for a new STEM-H academic building that will provide state-of-the-art, flexible purpose technology classrooms, additional science and health professions laboratories, and expanded distance learning opportunities. A large multipurpose space will offer flexible use meeting facilities, enhancing partnership opportunities between LFCC and the Fauquier community. – *Alexandria Office*

HEALTHCARE

Mount Sinai Medical Center, Annenberg 26th Fl HVAC Upgrades, New York, NY

Providing engineering services for the upgrade of existing HVAC systems serving an animal vivarium, which includes animal holding rooms, ORs, cath labs, cage wash areas and offices. – *New York Office*

COMMERCIAL

Forest City Enterprises, The Yards, Parcel A, Building A1, Washington, DC

Working alongside Shalom Baranes Associates to provide engineering services for new above-grade office space on 11 floors. The remaining areas of the ground floor will be devoted to office lobbies, loading dock, parking access and other office supporting functions. The upper floors will be occupied by office space. Parking will accommodate 3 levels below grade totaling 65,000 sf to 70,000 sf. – *Alexandria Office*

Ojibwa Casinos, Baraga and Marquette, MI

Working with the Cuningham Group to provide engineering and construction administration services for two new casino projects for the Keweenaw Bay Indian Community in Michigan's Upper Peninsula. The Baraga project is a new facility with a casino, hotel, and conference center. The Marquette project includes an addition to the existing facility that incorporates an expanded gaming floor, new restaurant, and conference center. – *Boston Office*

West Palm Beach Mixed-Use Development, West Palm Beach, FL

Under the design leadership of Arquitectonica, Vanderweil will provide MEP/FP engineering, technology infrastructure, and LEED® services for this mixed-use high-rise development. The project consists of two 30-story towers, 313,000 sf of office space, 205 hotel rooms, and 168,420 sf of residential space for a total of approximately 1,300,000 sf. – *Miami Office*

Board of Governors of the Federal Reserve System, Martin Building Renovation, Washington, DC

Collaborating with Shalom Baranes Associates to provide services to renovate the south garage to achieve like-new conditions. The project also includes the addition of three new pavilions. The new south pavilion will become the primary campus entrance and visitor and employee security screening point, serving both the Martin and Eccles buildings, as well as two new east and west pavilions that will be added to the existing Martin building on the podium level to accommodate expanded conferencing functions. – *Alexandria Office*

TRANSMISSION & DISTRIBUTION

Vanderweil has been awarded a two year master service agreement with National Grid. Under this contract we are awarded various projects to perform engineering and design of substation and transmission lines. We have been awarded this contract on a bi-annual basis since 2004. – *Boston Office*

CORPORATE RESPONSIBILITY INITIATIVE

The Corporate Responsibility Initiative (CRI) is a group of employees across each Vanderweil department who meet monthly to identify firm-wide strategies for responsible operation and outreach. The mission of CRI is to promote a healthy, productive, and sustainable work environment at Vanderweil.

CRI has been involved in several initiatives by hosting most recently a holiday phone collection drive from November 2015 to January 2016. Close to two hundred phones were collected and will benefit HopeLine (supporting victims of domestic violence) and HopePhones (aiding public health initiatives abroad). We are proud to announce that several offices participated in the collection effort, including Boston, Princeton, New York, Philadelphia, and Washington DC. Thank you to everyone who donated phones and to everyone else who helped make this cause such a success!

Other CRI efforts include projects to:

- Reduce energy use: Calibrating occupancy sensors across multi-occupancy spaces
- Reduce waste: Providing sponges and biodegradable soap in kitchens to reduce paper cup use
- Review transportation options for employees: Employee Transit and Ridesharing Survey
- Encourage efficient and effective recycling: Streamlining waste and recycling practices

We are actively engaged in further developing initiatives that promote health and provide sustainable solutions within all of our offices and to the broader communities in which we work. If you are interested in joining Vanderweil's Corporate Responsibility team, or have any questions or ideas, please contact a CRI group member. Employees in all offices are welcome to become involved in CRI!

- Cassie Angelakis Plumbing Group
- Christine Beaton Commissioning Project Manager
- Dale Cibene Mechanical Group
- Joanna Gustafson Electrical Group
- Chan "Jamie" Hwang Mechanical Group
- Nikki Imbergamo Project Manager
- Paul Van Kauwenberg Project Manager
- Cassi Lau Marketing
- Cindy Lewandowski Marketing
- Dan McDonald IT Group
- Katrina Miaoulis Green Integration Group
- Ani Nene Green Integration Group
- Carrie Platusich Green Integration Group
- Julia Rogers Green Integration Group
- Alana Spencer Green Integration Group



Mount Sinai Health System, Icahn School of Medicine at Mount Sinai, Pathology Upgrade Phase II, New York, NY



Bronx Physiatric Center Ribbon Cutting Bronx, NY

GREEN INTEGRATION GROUP

AIA 2030 Commitment and New GIG Clients

As one of the first MEP Engineering firms to sign and adopt the AIA 2030 Commitment, Vanderweil has once again achieved a major milestone by submitting over 190 projects' energy and lighting power data to the AIA 2030 database. The GIG team reached out to all partnership architectural firms to let them know that we had submitted their projects, and each firm received the information pertinent to their projects for 2015. This is a great help for our partners and we received excellent feedback, including:

"Thanks for pro-actively sending this information. Hopefully we will do many future projects with Vanderweil and you may find it easier to send all data to Lisa. Thanks very much."
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"Thanks Julia and Charlie for your efforts and continued support of the 2030 Initiative. Perkins+Will is reflecting on this past year's performance and aiming to make 2016 better. One of the ways that we hope to accomplish this is to have all projects set energy, lighting, water, and materials targets at the beginning of each project. We look forward to working with you as partners to make this a successful mission."
 -- Perkins+Will

"Julia and Charlie - this is really helpful information for our reporting needs. Thank you!"
 -- Ellenzweig

This year GIG is taking on several new clients for Energy Audits, Retrofits, and Energy Model Calibration for Post Occupancy. As sustainable design is evolving, GIG is looking to evolve our modeling techniques to not only anticipate the needs of clients currently, but to meet codes and standards. This will also meet the upcoming changes in ASHRAE 189.1, LEED® v4, WELL, and Living Building—to better meet the demands of clients. A Net Zero Feasibility study is being completed this month.

RGV360: A New and Innovative Approach to Post Occupancy Review

Written by: Julia Rogers

RGV360 is a comprehensive approach to sustainable engineering that incorporates, anticipates, and evaluates design solutions from conception of the project through a building project's operational life. The program is led by Julia Rogers with the support of Chad Wisler and Michael Clements. The goal for the program is to verify and understand the use of our design, including: comfort and use energy, use patterns and maintenance, and to establish trust and familiarity among our design partners and clients.

RGV360 is a process that re-introduces Vanderweil and our services to a client and owner with a drawing review, on-site walk-through, and a thorough post-occupancy questionnaire/interview to evaluate the experience of the building 1-3 years after completion. The record of the questionnaire and interview is recorded on a new web-app and published directly to a database and email for efficiency. RGV360 will publish an initial study for each project, which will be shared internally and, eventually, shared in national conferences.

By addressing the owner's long-term operational goals at the beginning of a project, Vanderweil can improve the integrity of our design and relationship with architects, owners, and contractors with whom we partner. As a new program- unique among engineering firms- RGV360 will enable us to stand out in the marketplace by showing a thorough commitment through the end of our projects. The intent is to establish sustainable relationships with clients, owners, and future design partners.

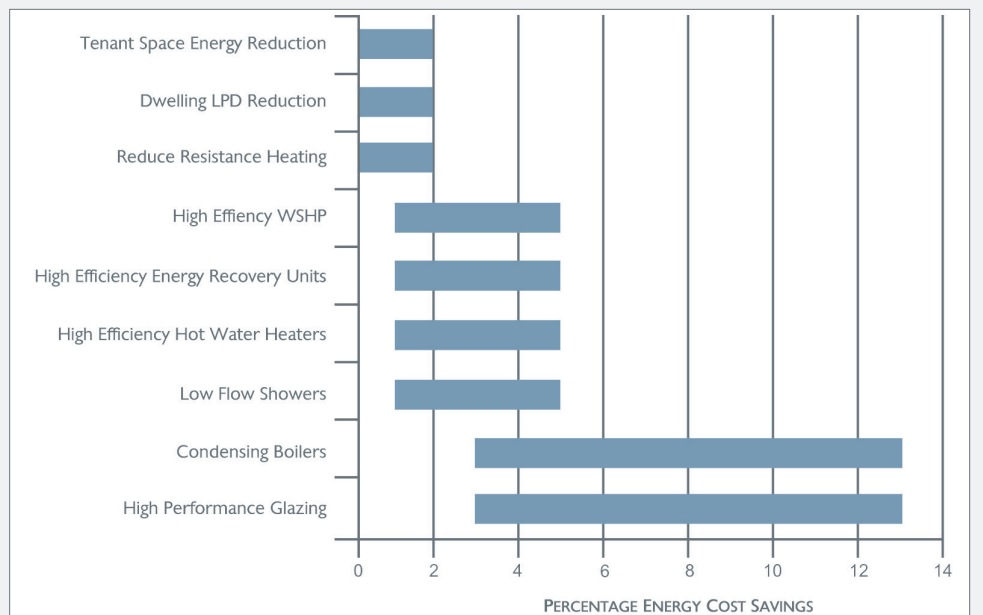
The RGV360 program has selected two (2) pilot projects to be completed this fall: 120 Kingston Street (Radian) and B200 Shire Building. There will be a lunch and learn program to review the results. In upcoming months, we will highlight the upcoming projects incorporated into the program.

Holistically, the RGV360 Program encompasses:

- Feedback on the operation of our system design
- Feedback on specific equipment procured to influence future specifications
- Feedback on actual versus design values to affect our future design
- Feedback on occupant comfort and general impression of the spaces and our supporting design
- Feedback on maintainability, access, and areas of potential improvement
- An opportunity for Vanderweil to listen to our clients and optimize a current design and positively influence future design commissions
- An opportunity to partner with key clients (i.e. HOK, Payette, RTKL, etc.) in the evaluation of recently completed projects to enhance our A/E relationship



RGV 360 Pilot Project, Radian, 120 Kingston Street Residences, Boston, MA



Energy Cost Savings



Baxalta, 650 East Kendall Street, Cambridge, MA



© Warren Jagger Photography

Hotel Commonwealth, Boston, MA

AWARDS AND RECOGNITION

YOUNG PROFESSIONAL SPOTLIGHT



© Frederick Charles Curran.com

Confidential Pharmaceutical Client Headquarters Tarrytown, NY



Envoy Hotel, Boston, MA



Parks & People Foundation, Baltimore, MD

Awards

University of New Mexico Gas Turbine received the Associated General Contractors: Best Buildings Award 2016

Envoy Hotel located in Boston, MA was the recipient of USA Today's Best New Hotel

Newly LEED® Certified Projects

- LEED® Platinum**
 - Parks & People Foundation Headquarters, Baltimore, MD
- LEED® Gold**
 - Confidential Pharmaceutical Client Headquarters, Tarrytown, NY



Katrina Miaoulis

Office Location
Boston

Joined Vanderweil
June 2015

Education
Tufts University

Department/Responsibilities
Green Integration Group:
Energy modeling, LEED® consulting, sustainability research and analysis

Hometown
Sherborn, MA

Hobbies
Running, hiking, sailing, playing with dogs, vegetarian cooking

Professional Aspirations

I aspire to change the way STEM fields are viewed through incorporation of sustainable practices, encouragement of women in engineering, and practice of engineering education at an early age.

Fun Facts

I lost all my luggage on a trip to Ecuador, and hiked the Amazon in the clothes I was wearing on the plane. Unfortunately, it was a pair of sweatpants, a cotton T-shirt, and UGG boots. It was still a great trip - I canoed by a 15 foot anaconda!

Last Book Read

The Art of Racing in the Rain by Garth Stein

CELEBRATING YEARS OF SERVICE

FUN AT THE OFFICE

Retirement of Ron Manganaro



Earlier this year, a group of Ron Manganaro's close colleagues helped him celebrate his retirement. Ron retired on December 31st after 17 years with RGV. Ron is a graduate of Northeastern University in Mechanical Engineering. His career, prior to joining us, was in the chemical process industry; with several years as a PM at Herzog Hart, a process design build firm, just before starting with Vanderweil. At Vanderweil he served as a project manager, specializing in labs, with a scattering of industrial and institutional buildings also in the mix.

Ron's career was marked by a string of challenging and successful projects for major clients. For example, URI's three new lab buildings – Biology, Chemistry, and Pharmacy. Most recently he was the PM for the \$280 million medical education and laboratory building at SUNY Buffalo, and as he retired he was the PM for the Rutgers Chemistry Lab. His career spanned the Green Revolution in buildings and his projects made important contributions to sustainability. LEED® was launched in 2000, the year Ron became the PM for Copernicus Hall, a lab at Central Connecticut State University. Copernicus was in the first batch of LEED® certifications nationally, and was Vanderweil's first certified building. In the same time-frame Ron was the PM for the Astra Zeneca Buildings M&N project in Waltham – as far as we know the first use of chilled beams in the U.S.

His early projects at Vanderweil also pioneered energy efficient systems, including the use of enthalpy wheels in laboratory exhaust at projects like Bridgewater State University. This concept was picked up on Ron's Integrated Sciences Building project at University of Massachusetts Amherst two years later, and became the first nationally recognized use of this technology, one which has since spread throughout the industry.

St. Paddy's Celebration Boston Style

The Vanderweil Boston office held a St. Patrick's day celebration on March 17, 2016 in the newly renovated 8th floor mezzanine. The event entitled "McBeers with McPeers" was a welcome break from hectic schedules and deadlines.

Upcoming Spring Flings

Remember to 'save the date' for the Spring Flings being held in the Boston, the New York Region, and Alexandria offices.



Colleagues enjoying McBeers with McPeers on St. Patrick's Day (Left-Right) Robert Wallace, Jeffrey Martin, Carson Cook, Nicole Imbergamo, Dale Cibene, Michael Carr, Tom Cardente, Kathryn Chase, Erin Hulverson, Melinda Conroy, and Matthew Costanza



Colleagues enjoying McBeers with McPeers on St. Patrick's Day (Left-Right) Court Blake, Dave Pinto, Keith Garrant, and Jim Sippel