

Congratulations

Service Recognition

48 Years	Barry Lienhart
37 Years	Jim Pretz
35 Years	Mitch Miller
33 Years	Rick Schoenig
32 Years	John Schweizer John Ward
15 Years	Jenny Seibert Norm Miller John McCoy
10 Years	Jason Tippet
5 Years	Mary Elizabeth Baker-Smith Tom Schuster

Received Professional Engineer License

Gerry Donahue
Luke Grubbs

IPD for CCHMC Research Tower

Melanie Pliskin, Business Coordinator

As part of the Cincinnati Children's Hospital and Medical Center research tower design, F&H is part of an Integrated Project Delivery (IPD) team. This team is located on Lincoln Ave. in Cincinnati, OH, and houses between 10-15 F&H employees at a given time. As part of the IPD collaboration, the entire project team is now located in one office. The team consists of: Messer Construction, GBBN Architects, THP & F&H. Having the entire project team located in the same space allows for quick conflict resolution and design efficiency. "The minute a conflict arises, you can get it resolved with the specific team member involved," explains Keith Kotlarski. This collaboration is enhanced by the use of a common Revit BIM model. The IPD process is intended to provide optimized building design with minimal wasted or duplicated effort, resulting in highly predictable costs and delivery dates.

F&H Partners with VT Design to Provide Increased Capacity & Diversity to its Clients

Jim Pretz, Managing Principal/CEO



The VT Team including their CEO Al Wofford (center.)

Fosdick & Hilmer and VT Design have reaffirmed and expanded their partnership in order to increase the capacity of both firms to serve their clients' needs. The relationship between the two firms began in 2005, when F&H's managing principal, Jim Pretz and VT Design CEO, Al Wofford met and discovered that their firms had needs and capabilities that could complement one another. VT Design, which had been providing engineering design services largely in the highly cyclical manufacturing sector, was looking for an entrance into the more stable institutional market for engineering services. F&H was seeking an engineering partner that could readily supplement its design staff as work load fluctuated and F&H was also searching for a way to help its clients meet their goals related to contracting diversity.

Thus began a mentoring relationship in which VT designers worked in the F&H offices to learn the ins-and-outs of the institutional/industrial engineering business and assist F&H in its need for staffing flexibility. In addition, Mr. Wofford and Mr. Pretz would meet frequently to discuss various aspects of their respective

businesses, and eventually, to plan the joint pursuit of new areas of business. F&H, with its size and depth of experience and knowledge, would also prove to be a valuable resource to VT Design as it took on engineering contracts independently.

During the past year, the now maturing relationship took a major leap forward as F&H's design manpower needs increased substantially and clients, particularly major universities and health care systems, sought increased assistance in meeting their diversity goals. For F&H, VT is now able to provide a group of talented designers who are familiar with F&H's means and methods and who often account for almost 15% of F&H's billable hours. For VT, F&H continues to be a resource that can be called upon to mentor or assist with unusual or complex projects such as the recent Energy Survey and Curriculum Building project that VT was awarded at Fort Valley State University in southern Georgia.

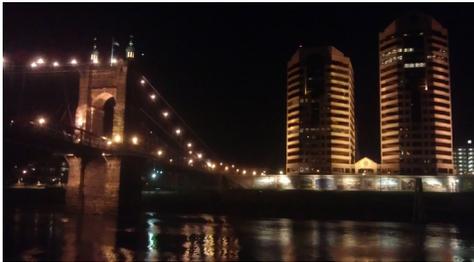
Mr. Pretz and Mr. Wofford view the partnership between their firms as one that is still evolving, but that has, to date, been a win for both firms – and, more importantly, for their clients.



Jim Pretz (CEO at F&H); Al Wofford (CEO VT Design)

F&H Celebrates 100 years of Partnership with The Christ Hospital

Jim Pretz, Managing Principal/CEO



Over the past 100 years, Fostick & Hilmer (F&H) and The Christ Hospital (TCH) have collaborated to take TCH to new heights. On September 25th, we celebrated this partnership with a cruise down the Ohio River on the Destiny Yacht. It was a night of dinner and camaraderie between the two companies.

The relationship between F&H and TCH began when F&H's founder, Walter G. Franz, engineered the systems for the original South Wing of the Hospital that opened c.1915.

Since then F&H has engineered countless projects at TCH. The most notable projects include: the North Wing, which opened in 1930, the old Nurses Dormitory, the Gamble Research Laboratory, the West Wing (built in two phases in 1960 and 1966), the "new" South Wing in 1976, the Courtyard Building during the early 1980s, the MOB Complex during the 1990s, the Heart Tower and new School of Nursing in 2003, numerous incarnations of the central utility plant and electric power systems for the campus, and, currently, the Joint & Spine Center, which is scheduled to open in 2015.

During the celebration on the Ohio, Jim Pretz, F&H's Managing Principal gave a rundown of some of the historical highlights of the evolution of the TCH campus; and he recognized Barry Lienhart as the most senior current member of collaboration – Barry

started working at F&H and on TCH in 1964. Debbie Hayes, VP and Chief Hospital Officer at TCH, talked about the importance of the relationship between the two firms to the success of the Hospital, and Rick Kammerer, President of The Christ Hospital Foundation, announced that, as a result of a gift from Fostick & Hilmer, the two Physical Therapy Gyms in the new Spine Center will be named The Fostick & Hilmer Physical Therapy Gyms.

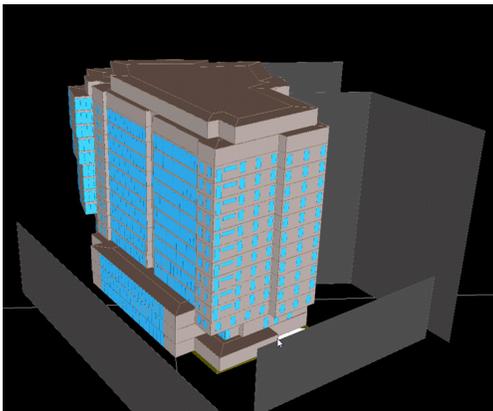
Intro to Engineering Course developed at OTR middle school VLT

Darren Wurz, Instructor at VLT Academy

Over the next four years, VLT Academy, a public charter school downtown, plans to build a comprehensive engineering and architecture program that will prepare kids for college. VLT Academy primarily serves the urban population of the Over-the-Rhine community. This year, we introduced a class for our freshmen called Intro to Engineering and Design. Over the summer, we worked to raise money and build partnerships for this class and for the program. F&H was instrumental in helping to write a curriculum for this introductory course. Our first major project of this year was to measure the dimensions of the second floor of our building and draw a floor plan to scale. Prior to this, students learned all about drawing techniques and types of sketching—perspective sketching, oblique sketching, isometric sketching, etc. Currently, we are working on designing soda bottle rockets. Students will be working collaboratively in groups to design fins and nose cones to maximize flight height and time. At the same time, we will be discussing scientific concepts like velocity, projectile motion, forces, pressure, stability and aerodynamics. We are in need of qualified individuals to partner with us on projects, mentor our students or assist in other ways. We look forward to working more closely with F&H in the future.

Using Energy Modeling to Optimize Building Systems at CCHMC and The Christ Hospital

Maria Ramos, Mechanical P.E.



Cincinnati Children's Hospital Medical Center new research tower rendered in EQuest.

Cincinnati Children's Hospital Medical Center and The Christ Hospital will be pursuing LEED certifications on their new towers. In order to achieve the target energy savings, energy modeling is started early. The model assists the design team in making good equipment and building envelope decisions. The model is a 3D representation of the building, and estimates the energy usage for the entire year, through changing weather and solar conditions. Various energy conservation measures (ECMs) can be evaluated for utility savings and payback. For the core and shell phase, the energy model is intended to determine where to focus energy savings efforts. The graph below depicts the energy usage profile and educates the team as to where savings efforts should be focused. The model will also provide ongoing feedback on how the team is doing on achieving the energy savings necessary for LEED certification.

