



Dan Bischoff, PE | LEED AP BD+C

Project Engineer / Project Manager, Health Science and Higher Ed.



Background

Mr. Bischoff is a Senior Mechanical Engineer and Project Manager with over 18 years of Science & Technology, Higher Education Academic and large Commercial building project experience. He leads interdisciplinary teams of engineers and designers to provide customized engineering solutions to the most complex and challenging projects.

Education

Bachelor of Science, Mechanical Engineering (BSME)
The College of New Jersey, Ewing, NJ

Professional Licenses & Certifications

Professional Engineer licensed in New Jersey
United States Green Building Council (USGBC), LEED® AP BD+C Accredited Professional

Select Project Experience

- **Brookdale Community College, Science, Technology, Engineering and Math (STEM) Building, Wall Township, NJ:** A new 45,000 GSF STEM Building that accommodates and supports the growth of the school's science, nursing simulation, and engineering programs; as well as providing additional common areas and teaching/classroom environments. The project includes all new site utilities and infrastructure, with new building engineering systems to support the program.
- **Community College of Philadelphia, Biology Laboratory Renovation, Philadelphia, PA:** A 20,000 GSF renovation of biology laboratories and associated spaces in the West Building. Renovated spaces include biology labs, anatomy and physiology labs, a micro-biology lab, a multi-purpose lab, as well as various preparation and storage areas, offices, classrooms, and student study areas. Renovations are taking place in multiple phases while the building remains occupied.
- **Drew University, Hall of Sciences Building, Chemistry Laboratory Renovation, Madison, NJ:** A phased renovation of existing chemistry laboratories and the associated support spaces to meet the University's growing chemistry department. The renovations included full replacement of chemistry laboratory suites with new fume hoods and the central hazardous exhaust system to support the new and expanded chemistry department. A new air handling unit was also designed to provide the increased make-up air required for the additional fume hoods.
- **George W. H. Busch Presidential Library, Dehumidification System Upgrades, College Station, TX:** A conversion of approximately 2,000 GSF of existing artifact storage to become a tightly controlled temperature and humidity storage area for presidential artifacts, such as photographs, letters and various other collection items. The project included a new desiccant dehumidification system to meet the interior temperature and humidity requirements.
- **Irving Convention Center at Las Colinas, Irving, TX:** New construction of a 275,000 GSF, LEED Silver convention center and meeting venue that is comprised of 50,000 GSF of column-free exhibit floor, 20,000 GSF grand ballroom, 20,000 GSF of meeting and breakout spaces, outdoor terraces, a junior ballroom and in-house full service kitchen and café to support the various functions held at the venue. The design included a central chilled water plant with high efficiency water cooled chillers, boiler plant with high efficiency condensing boilers, air handling units with dual temperature water coils to support both heating and cooling seasons. The design included full MEP/FP designs and included innovative design features such as utilizing the adjacent lake water as a non-potable water source that was dyed and delivered to the toilet fixtures.
- **Louisiana Cancer Research Center, New Orleans, LA:** New construction of a 166,000 GSF cancer research facility with 6 floors of research laboratories, administration / office space and a 10,000 GSF vivarium. A 4-floor above ground parking structure supports the building and a pedestrian walkway and utility bridge connects this project to adjacent buildings and central utility plant.
- **Montclair State University, Mallory Hall / Finely Hall Relocation, Montclair, NJ:** Relocation of three existing educational laboratories and several classrooms to a new building. The project required a new laboratory (hazardous) exhaust system for the newly relocated laboratories.