

## Galen Staengl, P.E., LEED® AP BD + C, CPHC

### Principal

Galen Staengl designs cutting-edge energy-efficient heating ventilation and air conditioning (HVAC) systems for green building projects. His diverse background includes work in the chemical process industries, the pharmaceutical industry, and the building construction industry. Throughout his career Galen has worked to bring energy-efficient and sustainable design principles into his projects for award-winning schools, institutional buildings, and office buildings. As President of Staengl Engineering, Galen has provided design and energy analysis for many buildings intended for LEED certification at the Platinum and Gold levels. Galen is currently providing mechanical design and energy analysis for a 30 building campus that intends to achieve Net-Zero energy and water use.



In addition to his design experience, Galen is an accomplished energy modeler using IES VE, DesignBuilder, DOE2, VisualDOE, eQuest and EnergyPro software. This modeling experience includes LEED compliance documentation as well as analysis of specific strategies for energy savings and life cycle costs. He has also provided energy consulting and commissioning services for a wide variety of systems and building types.

### Education

University of Virginia

BS Chemical Engineering

### Registrations

Professional Engineer – VA,  
NC and CA

### Professional Affiliations

Founding Member –  
Charlottesville

Branch of the James River  
GBC

ASHRAE – Associate

Member

USGBC

VSBN

### Awards

2005 VSBN – Best Green  
Designer

2010 VSBN – Best  
Commercial Project  
(Dovetail Construction)

JRGBC Honor Award  
(Free Union Country School)  
JRGBC Merit Award  
(Ernie Morgan Environmental  
Action Center)

### Relevant Experience

#### The Summit

30 Building Campus  
(total ~400,000 sq.ft.)

#### Net Zero Energy

2 Living Buildings  
Mt. Hope, WV

#### Blacksburg Hillel Center

10,000 sq.ft. Student Center  
To be **Passive House** certified  
Blacksburg, VA

#### Claude Moore Education Complex

10,000 sq.ft. Educational  
Building  
**LEED Gold** certified  
Roanoke, VA

#### Dovetail Construction Offices

7,000 sq.ft. office & warehouse  
**LEED Platinum** certified  
Net Zero Energy  
Richmond, VA

#### Ernie Morgan Environmental Action Center

**LEED Platinum** design  
Norfolk, VA

#### Eastern Mennonite University

Cedarwood Dormitory  
**LEED Gold** certified  
Harrisonburg, VA

#### McQuay Engineering Offices

Office renovation  
LEED Silver certified  
Verona, VA

#### Museum of Oakland

Renovation  
LEED Silver certified  
Oakland, CA

#### Peabody School Classroom Wing

12,000 sq.ft. classroom buiding  
LEED Certified  
Charlottesville, VA

#### Poquoson Elementary School

85,000 sq.ft. elementary school  
**LEED Gold** Certified

#### Salem Museum Expansion

**LEED Gold** registered  
Salem, VA

#### University of Richmond

Freeman Hall Renovations  
LEED registered  
Richmond, VA

#### Wellness Concepts

20,000 sq.ft. office &  
manufacturing  
**LEED Platinum** (pending)  
Grottoes, VA