

## **GALEN STAENGL, PE**

826 B Hinton Avenue | Charlottesville, VA 22902  
(434)295-8105 | [gstaengl@staengleengineering.com](mailto:gstaengl@staengleengineering.com)  
[www.staengleengineering.com](http://www.staengleengineering.com)



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. As President of Staengl Engineering, llc., Galen has designed mechanical systems for award winning building projects including schools, institutional buildings, and office buildings. Galen is currently working on three building projects intended for LEED certification at the Platinum level, as well as several other LEED building projects.

Prior to forming Staengl Engineering Galen was a Senior Engineer for Rumsey Engineers in Oakland California. While at Rumsey he designed numerous energy efficient mechanical systems for non-residential buildings and industrial projects. Galen is a graduate of the University of Virginia with a BS degree in chemical engineering, and a registered professional engineer in Virginia, North Carolina, and California. He is also a LEED accredited professional, and is a founding member of the Charlottesville Division of the James River Green Building Council.

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## Recent Project Experience

### DESIGN PROJECTS

\* indicates work performed by Mr. Staengl while with Rumsey Engineers.

Project	Client	Services	Note(s)
<b>614 Park St.</b> Charlottesville, VA	Carrie Meinburg Burke Architecture	▪ Mechanical System Retrofit	
<b>700 East Jefferson St.</b> Charlottesville, VA	William McDonough + Partners	▪ Design Review	
<b>Burkeville Depot</b> Charlottesville, VA	FPW Architects	▪ MEP Team Lead	Building renovation
<b>Charlottesville Waldorf School</b> Charlottesville, VA	Ted Jones, AIA	▪ MEP Team Lead ▪ HVAC Design	Intended to achieve LEED Platinum rating
<b>Claude Moore Education Complex</b> Roanoke, VA	SmithLewis Architecture	▪ Mechanical and Electrical Design, Energy Modeling	LEED Gold certified
<b>Dovetail Construction New Offices</b> Richmond, VA	Dovetail Construction	▪ HVAC Design, Energy Modeling	Intends LEED Platinum rating
<b>Ernie Morgan Environmental Action Center</b> Norfolk, VA	Watershed	▪ MEP Team Lead	Intended to achieve LEED Platinum rating
<b>Free Union Country School, Fine &amp; Performing Arts Building</b> Free Union, VA	Andrew Thomas Architect	▪ HVAC Design	
<b>Manor Branch Library*</b> San Leandro, CA	Group 4 Architects	▪ MEP Team Lead	

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<b>Project</b>	<b>Client</b>	<b>Services</b>	<b>Note(s)</b>
<b>Marshal Hall</b> Norfolk, VA	Watershed	<ul style="list-style-type: none"><li>ME Team Lead</li><li>HVAC Design</li></ul>	Intended to achieve LEED Certification
<b>Museum of Oakland*</b> Oakland, CA	City of Oakland	<ul style="list-style-type: none"><li>Chilled Water Plant Upgrade &amp; Commissioning</li><li>Lecture Hall HVAC Re-fit</li></ul>	Achieved 62% annual energy savings
<b>NDNU Campus Center*</b> Belmont, CA	Gensler	<ul style="list-style-type: none"><li>MEP Team Lead</li></ul>	Intended to achieve LEED Gold rating
<b>NDNU Residence Hall*</b> Belmont, CA	Gensler	<ul style="list-style-type: none"><li>MEP Team Lead</li></ul>	Intended to achieve LEED Gold rating
<b>Park Hyatt San Francisco*</b> San Francisco, CA	Hyatt Hotels	<ul style="list-style-type: none"><li>DHW System Replacement</li></ul>	
<b>Peabody School Classroom Wing &amp; Gymnasium</b> Roanoke, VA	SmithLewis Architecture	<ul style="list-style-type: none"><li>Mechanical and Electrical Design, Energy Modeling</li></ul>	LEED Certified
<b>Salem Museum Expansion</b> Salem, VA	SmithLewis Architecture	<ul style="list-style-type: none"><li>Mechanical Design, Energy Modeling</li></ul>	Intends LEED Gold Certification
<b>Studios On The Square</b> Roanoke, VA	SmithLewis Architecture	<ul style="list-style-type: none"><li>Mechanical and Electrical Design</li></ul>	
<b>University of Richmond, Freeman Hall Renovation</b> Richmond, VA	BAM Architects	<ul style="list-style-type: none"><li>Mechanical Design, Energy Modeling</li></ul>	Intends LEED Certification
<b>University of Virginia, Stacey Hall</b> Charlottesville, VA	FPW Architects	<ul style="list-style-type: none"><li>MEP Team Lead</li></ul>	Building renovation
<b>Westmont High School*</b> San Jose, CA	CSS Architects	<ul style="list-style-type: none"><li>Mechanical Design</li></ul>	Achieved 35% annual energy savings over Title 24

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## COMMISSIONING & INDUSTRIAL PROJECTS

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Project	Client	Services	Note(s)
* <b>Museum of Oakland</b> Oakland, CA	City of Oakland	<ul style="list-style-type: none"><li>▪ Chilled Water Plant Upgrade &amp; Commissioning</li><li>▪ Lecture Hall HVAC Re-fit</li></ul>	Achieved 62% annual energy savings
<b>Charlottesville Waldorf School – Little Green</b> Charlottesville, VA	Artisan Construction	<ul style="list-style-type: none"><li>▪ Commissioning</li></ul>	Intended to achieve LEED Gold rating
<b>Chemical Engineering Research Building</b> Charlottesville, VA	University of Virginia	<ul style="list-style-type: none"><li>▪ Re-commissioning</li></ul>	
<b>Cottrell Building</b> Richmond, VA	ICM Enterprises	<ul style="list-style-type: none"><li>▪ Re-commissioning</li></ul>	
<b>Eastern Mennonite University – CedarWood Dormitory</b> Harrisonburg, VA	Eastern Mennonite University	<ul style="list-style-type: none"><li>▪ Commissioning</li></ul>	Intends LEED certification
<b>Eden Solvent Recycling Plant</b> Eden, NC	PESCO	<ul style="list-style-type: none"><li>▪ Facility Start-up and Commissioning</li></ul>	
<b>Poquoson Elementary School</b> Poquoson, VA	City of Poquoson	<ul style="list-style-type: none"><li>▪ Commissioning</li></ul>	Intended to achieve LEED Gold rating
<b>Solvent Recycling Facility</b> East Chicago, IN	Pollution Control Industries	<ul style="list-style-type: none"><li>▪ Facility Start-up and Commissioning</li></ul>	
<b>Tank Car Cleaning Facility</b> Denver, CO	Herbert Environmental	<ul style="list-style-type: none"><li>▪ Facility Start-up and Commissioning</li></ul>	
<b>VCU, Rice Center</b> VA	VCU	<ul style="list-style-type: none"><li>▪ Commissioning</li></ul>	LEED Certified

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## ENERGY STUDIES

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Project	Client	Services	Note(s)
<b>*Intel Ronler Acres &amp; Aloha Sites</b> Portland, OR	Intel Corporation	<ul style="list-style-type: none"><li>Make Up Air-Handler Energy Efficiency Review</li></ul>	
<b>*JDS Uniphase, Building 4</b> San Jose, CA	JDS Uniphase	<ul style="list-style-type: none"><li>Design Review</li></ul>	
<b>Bayer Building 60 Plant A, Buildings 12 &amp; 49</b> Berkeley, CA	Bayer	<ul style="list-style-type: none"><li>Design &amp; Review Projects</li></ul>	Pharmaceutical research and production facility
<b>Bridgewater Research Facility</b> Bridgewater, NJ	Aventis	<ul style="list-style-type: none"><li>Energy Audit</li></ul>	1.2 million sq ft pharmaceutical research facility
<b>Duke University, Center for Athletic Excellence</b> Durham, NC	The Folsom Group	<ul style="list-style-type: none"><li>Energy Analysis and Modeling</li></ul>	Basketball practice arena
<b>Harford Community College</b> Bel Air, MD	Green Fuse Energy Company	<ul style="list-style-type: none"><li>Campus-wide Energy Assessment</li></ul>	
<b>Joppa Hall, Harford Community College</b> Bel Air, MD	Green Fuse Energy Company	<ul style="list-style-type: none"><li>Design Review</li></ul>	Intended to achieve LEED Certification
<b>Woodward Academy</b> College Park, GA	The Folsom Group	<ul style="list-style-type: none"><li>Energy Modeling</li></ul>	New art building and dining hall
<b>Wellness Concepts Manufacturing Building</b>	Suter Engineering, PC	<ul style="list-style-type: none"><li>Energy Modeling</li></ul>	Intends LEED Platinum rating

*References available upon request*