



## STEVEN BAUMGARTNER Urban Systems Strategist | Director, BUSS

Steven Baumgartner is an engineer and planner, specializing in integrated systems solutions for campuses, communities, and cities. He has spent his career building integrated approaches with diverse, interdisciplinary teams. Steven found Baumgartner Urban Systems Strategy (BUSS) after 20 years with global design, engineering, architecture and planning firms.

Steven has a rich history of creating unique solutions to assist clients in meeting their high-performance, economic, and strategic missions. The foundation of his work is driven on the basis that our services and infrastructures are not providing the outcomes we need. He believes in the power of systems approaches across scales and boundaries to create equitable, sustainable, and resilient campuses, communities, and cities. Steven has led complex projects for a wide range of clients, from universities to corporations, municipal governments to non-profits using the following key philosophies:

- Human-centered: building systems solutions with the people they serve.
- Decentralized: breaking down heavy infrastructures and systems to community-scale for efficiency, flexibility, resiliency, and transparency.
- Value-Based: ensuring every investment is tied back to the client's value-set and is based on evidence, empathy and experience.

Steven bridges the technical and analytical work with community-driven solutions. Known for being a highly energetic and passionate individual, he pushes his clients and collaborators to think beyond traditional disciplinary and systems boundaries. He lives and works in Pittsburgh, PA and supports several local initiatives, including Riverlife, Higher Education Climate Collaborative (HECC), and p4 Pittsburgh.

### INDUSTRY LEADERSHIP

- ULI Sustainable Development Council
- Van Alen Institute Council
- Sustainable Community Design Leader (Building Green)

### ACCREDITATIONS

- Professional Engineer (PE) New York
- EcoDistricts Accredited Professional (AP)
- Certified Energy Manager (CEM) from Association of Energy Engineers
- ASHRAE High Performance Building Design Professional (HBDP)
- LEED Accredited Professional

### PUBLICATIONS (ABBREV.)

- "De-Infrastructuring in the Era of the 15-Minute City"
- "Every University Should Be Part of a Climate Collaborative"
- "The Expanding Design Challenges of Climate Change"
- "Linking Buildings' Energy Use to Tenant Contribution to Economy"

### TEACHING

- Adjunct Columbia University GSAPP: 2010 -2015
- Adjunct Cornell University AAP: 2013
- Adjunct Yale University SOA: 2008 -2011

### ILLUSTRATIVE PROJECT LIST (COMPLETE LIST AVAILABLE)

#### Univ. of Pittsburgh Climate Action Plan, Pittsburgh, PA

Building on work leading the University's first comprehensive Sustainability Plan, BUSS is leading Pitt's first CAP plan tackling all scopes of emissions

#### Confidential Developer Visioning Plan, Midwest USA.

Connecting 2M+ mixed use innovation cluster to community economic and equity goals and systems solutions tied to city goals.

#### Under Armour Global Headquarters Masterplan, Baltimore, MD

Led campus systems strategy and High-Performance Campus Framework connecting all investments to core corporate mission. Led 100+ UA 'teammates' through working groups to connect data to the built and operational aspects of the campus.

#### UNC Chapel Hill Triple Zero Initiative, Chapel Hill, NC

Led Chancellor-driven sustainability commitment for Zero GHGs, Zero Water and Zero Waste to Landfill through comprehensive data and campus community framework.

#### Monaca Community Energy Vision, Monaca, Beaver County, PA

Utilized EcoDistricts protocols for a community energy plan resulting in pathway for a carbon-neutral water infrastructure solution.