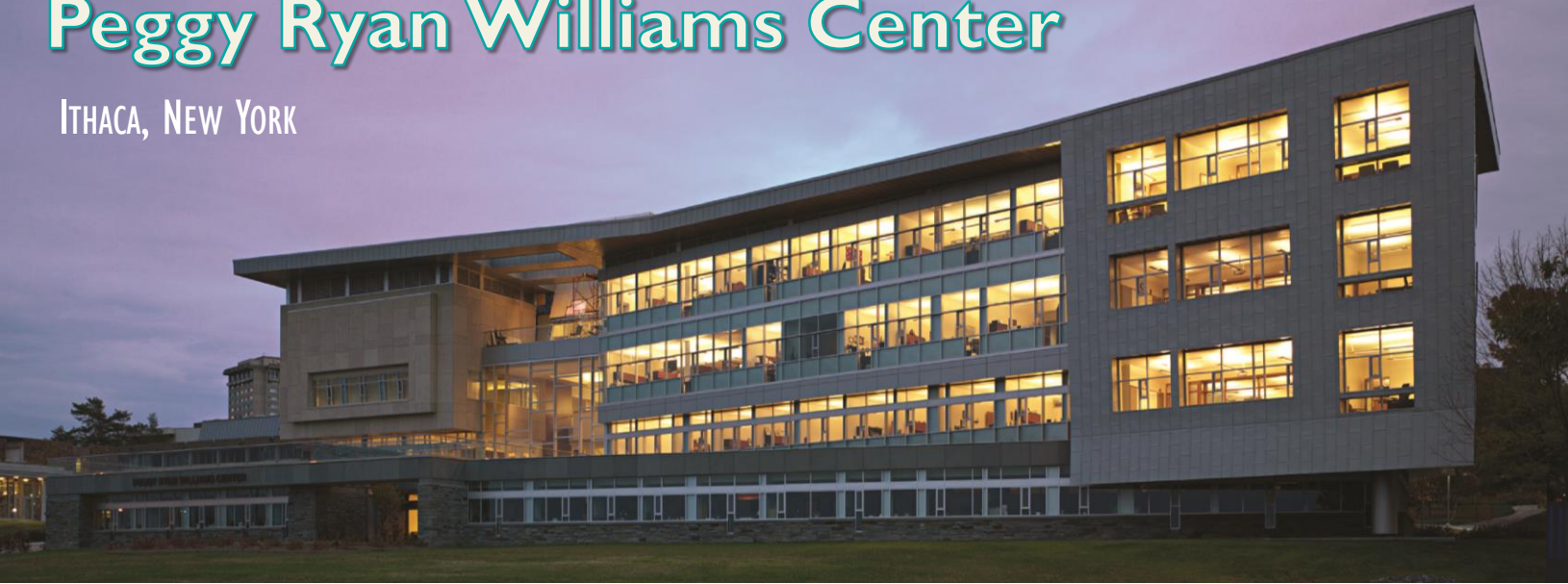


Peggy Ryan Williams Center

ITHACA, NEW YORK



PRIMARY PROJECT TEAM:

- Owner* | Ithaca College
- Architect* | Holt Architects
- Structural Engineer* | Ryan-Biggs Associates
- Mechanical & Electrical Engineer* | Delta Engineers
- General Contractor* | Christa Construction

ARCHITECTURE:

- Various aspects were driven by desire to be eco-friendly
- Large areas of glass provide views of Cayuga Lake
- Façade consists of zinc panels, blue stone veneer, composite aluminum panels, and limestone panels
- Pedestrian bridge connects PRWC to adjacent building

STRUCTURE:

- *Foundation*
 - Slab-on-grade, foundation walls, footings, various grade beams, piers and drilled piers
- *Framing System*
 - All floors are composed of composite steel decking
 - Steel framing consists of wide flange beams, girders, and columns
- *Lateral System*
 - Centrally braced structural steel frames in both the North-South and East-West directions

GENERAL BUILDING DATA:

- Building Occupant* | Ithaca College
- Occupancy* | Office Use
- Size* | 58,200 gross square feet
- Stories* | 4 stories above grade
- Substantial Completion* | March 2010
- Cost of Construction* | approx. \$19.3 million
- Project Delivery Method* | Design-Bid-Build

SUSTAINABILITY:

- Awarded LEED Platinum
- “V” shaped roof aids in rain water collection
- Day lighting made possible by large areas of glass
- Intensive Green Roof
- Atrium promotes natural ventilation

MEP:

- *Mechanical*
 - Main heating and cooling source is geothermal via a closed loop system adjacent to the building
 - Two dedicated outdoor air units (DOA) will utilize water to water heat pumps
- *Electrical*
 - Primary Service: 12.5 KV primary fused switches, 500 KVA transformer, 480/277 Volt Distribution Switchboard
 - Secondary Distribution: 150 KVA, 480V to 120/208 Volt transformer and (1) 120/208 Volt Main power panel
- *Plumbing*
 - Collect and store rainwater for gray water use
 - (3) rainwater collections tanks