

Oberlin College Gateway Building

Project Highlights and Results

- Served as Commissioning Authority to achieve Enhanced Commissioning Credit to help secure LEED Platinum certification
- New construction project intended to revitalize the area

Project Background

Owner:	Oberlin College
Location:	Oberlin, OH
Team/Team Lead:	Adam Sanders, Mark Rockwood
Elara Role:	Commissioning Authority
Type:	New Construction
Construction Cost:	\$32,000,000

Project Overview

Building Type:	Higher Education; Mixed Use including Hotel, Event Center, Retail, Restaurant
Building Attributes:	4 Stories; 100,000 SF
Initial Construction:	2014
MEFPFIT Systems:	Geothermal, Central Heat Pump with Simultaneous Heating and Cooling, Radiant Ceilings, Radiant Flooring, Displacement Ventilation, DOAS with Energy Recovery, DDC

Innovation

- The project employed a geothermal heating and cooling system
- Building utilizes dual temperature coils on all AHUs with a series of automatic changeover valves to allow the single coil to pull energy from the heating and cooling loops on demand.
- The guest rooms are equipped with occupant adjustable ceiling fans that improve the performance of the radiant heating and cooling panels.
- Elara's continued involvement in the project has enhanced the hands-on training experience received by Oberlin's maintenance staff.

