

OUS/OHSU Collaborative Life Sciences Building

PORTLAND, OREGON

Services

MEP Engineering
Sustainable Design
Energy Services
Fire/Life Safety
Lighting

FAST FACTS

Architects

SERA Architects
CO Architects

General Contractor

J.E. Dunn

Completion

September 2013 (estimate)

Building Size

650,000 sf

Project Cost

\$200 million

Contact

Don Eggleston / SERA
Architects / 503.445.7302

LEED®

Upon completion, this project will apply to become LEED Platinum certified.

The Collaborative Life Sciences Building is a true collaboration between the Oregon University System (encompassing Portland State University, Oregon State University, and the University of Oregon), Oregon Health & Science University, and a double architect-lead design team of SERA Architects and CO Architects. The state-of-the-art, LEED Platinum teaching and research facility will bring together the state's leading public and private health and life science research resources.

As the MEP, lighting, and fire/life safety engineer on this high-performance building, Interface is designing sustainable systems throughout the facility.

- » radiant heat and cooling systems with displacement ventilation

- » heat recovery ventilation between sources
- » variable air volume labs
- » occupancy sensors to reduce lab hood exhaust
- » heat recovery from refrigeration equipment
- » operable windows with a red/green light system tied to a weather station that will provide occupants feedback on when it is appropriate to open windows
- » exterior shading devices
- » daylight sensors on parking garage lights
- » rainwater capture and reuse

The facility will include lecture halls, classrooms, teaching and research labs, speciality research areas, offices, and the OHSU School of Dentistry in the new Skourtes Tower.

Rendering: SERA Architects & CO Architects



High performance glass, a roof garden, rainwater harvesting, and high efficiency HVAC and lighting systems are expected to bring the building to LEED Platinum status.