

CARLETON UNIVERSITY - HEALTH SCIENCES  
BUILDING

## An innovative utility distribution strategy redefines how laboratory buildings breathe

Higher Education, Science + Technology



### LOCATION

Ottawa, ON

### CLIENT

Carleton University

### COMPLETION

2018

### COLLABORATORS

Chorley + Bissett

Montgomery Sisam Architects

Pageau Morel & Associates

WSP

### DIALOG SERVICES

Laboratory Design

This all-new building for Carleton's Department of Health Sciences facilitates an interdisciplinary approach to health research and education, drawing together the biomedical, social, and environmental sciences in an open and collaborative environment. In rethinking how laboratory spaces are served, we arrived at an innovative sidehouse configuration. By stacking the mechanical and electrical utilities along one exterior wall and extending services horizontally across each level, we delivered the university multiple benefits: reduced construction time, lower construction cost, greater space efficiency, improved maintenance access, and increased flexibility and adaptability.