

Cost

Construction: \$28,000,000

Owner

University of Iowa
Iowa City, Iowa

Users

Anatomy and Cell Biology
Biochemistry
Biophysics
Microbiology

Team

Principal in Charge

Amy Infelt, PE, LEED AP
Dwight Schumm, PE, LEED AP

Mechanical

Justin Marxen, PE, LEED AP

Electrical

Marc A. Foster, PE, LC
Eric Bruxvoort, PE



Design Engineers has completed over 30 renovation projects throughout this facility. New HVAC, plumbing and electrical distribution systems were installed in support of the renovated project areas and reconnected to the existing building systems.

Specific systems installed and/or extended included new distribution ductwork, terminal units and diffusers, fume hood exhaust, plumbing piping, including acid resistant waste and vent, deionized water, natural gas, and domestic water piping, fire protection piping (including within flammable storage cabinets), normal and emergency power, lighting, fire alarm and telecommunications. Some projects also included building wide system upgrades including emergency power, fire protection, air handling and chilled water systems.

One of the most challenging aspects of these types of projects is the amount of site investigation required to establish specific connection points for and to identify potential issues at the interface with the existing MEP systems.

Heat Recovery Study	Biophysics
1-230B Remodel	Diabetes Lab
1-251 Core Remodel	Emergency Power Study
1-400 M/E	Emergency Power Upgrade
1-659 Core Remodel	Extend Sprinkler System-Bsmt/Mezz
2-700 M/E	Fire Safety Upgrades
4-611 X-ray Study	Gross Anatomy AV & Lighting
5-500 Core Remodel	Increase Glycol Concentration
5-600 Core Remodel	1-101-1 Remodel
Air Handler Replacement	1-101-2 Remodel
Airflow Study	1-500 Remodel
Aluminum Feeder Study	Renovate for Constant Temp Room
Anatomy Cell Biology	Replace Aluminum Wiring
Anatomy Cell Biology - 600 Core	Replace Chilled Water Pumps
Anatomy Final Package	Sprinkler Infrastructure
Biochemistry Admin Suite	Exhaust System Upgrade