



# Rutgers Rowan Health Science Center Commissioning



## SERVICES

Higher Education  
Commissioning

## PROJECT SNAPSHOT

Concord Engineering was the commissioning agent to confirm the proper installation of the building envelope and MEP Systems for a \$70 million Health Sciences center.

## REFERENCE

Dean D'Astuto  
Director of Capital  
Planning, Construction &  
Facilities  
Rowan University –  
Rutgers Camden Board of  
Governors  
(856) 203-6757  
[ddastuto@rucbog.com](mailto:ddastuto@rucbog.com)

(856) 427-0200  
CONCORD-  
ENGINEERING.COM

## PROJECT BACKGROUND

The \$70 million, four-story Joint Health Sciences Center brings together academic programs from three separate institutions in a collaborative research environment. The building is used by Rowan University, Rutgers-Camden and Camden County College for research, education and training.

Concord Engineering was hired as the facility's third-party commissioning agent to execute the detailed commissioning necessary to confirm the proper installation of the building envelope and MEP Systems for the building.

## THE CHALLENGE

- Fast paced project with multiple end users to coordinate goals and expectations for the project
- The facilities operations team had no prior experience with the complex HVAC systems including within the project design.
- Due to the project schedule, final commissioning occurred after building occupancy which required a shift in functional testing strategy

## THE CONCORD DIFFERENCE

- ✓ **Transparent budget and on-time delivery of results.**
- ✓ **Worked hand in hand with the facilities operations team during functional testing to improve their knowledge and understanding of the systems**
- ✓ **Extensive experience meeting complex laboratory standards.**
- ✓ **Delivered functional testing during building occupancy without impacting operations**

## THE SOLUTION

- Concord Engineering found significant issues with the Mechanical Systems supplying temperature control to the lab areas requiring significant time dedicated to remediation and re-testing of the systems. The following systems were commissioned by Concord Engineering for the project. HVAC, Building Automation System, Emergency Power, Medical Gas Systems, Plumbing Systems, Building Envelope, Life Safety Systems, and Lighting Control Systems.