



## National Institutes of Health Building 10 East Wing Renovation

BETHESDA, MD

NIH patient care and laboratory renovation

CLIENT **National Institutes of Health**

GC **Whiting-Turner Contracting Company**

DURATION **41 Months**

SIZE **250,000 SF**

The National Institutes of Health Building 10 East Wing renovation project includes the conversion of approximately 250,000 GSF of former patient care and laboratory areas into new space for over 1,500 research and administrative staff with highly specialized laboratories, laboratory support spaces, laboratory offices, and teaching facilities.

Building 10 is home to the Clinical Center, the world's largest clinical research hospital. The renovations will include a new Blood Bank for the Clinical Center, new teaching laboratories for the Foundation for Advanced Education in the Sciences, and the 12th floor is devoted to a brand new Center for Cellular Engineering creating cell therapies to reverse many debilitating diseases. The Clinical Center's department of transfusion medicine, NIAID's Laboratory of Clinical Infectious Diseases, NIDDK's Genetics of Development and Diseases, Kidney Diseases and Molecular Medicine branches and NIMH's Human Brain Collection Core and the section of neuroadaptation and protein metabolism will also be housed in the refurbished space, along with staff from NHLBI, NHGRI, and NINDS. The Office of Research Services' Division of Veterinary Resources will launch a more efficient and cost-effective cage-wash system to support the ACRF vertical vivarium.

The renovation is designed to achieve LEED Silver Certification through the installation of energy-efficient light fixtures and controls and a chilled beam system and upgraded mechanical systems to provide additional energy efficiency. All existing exterior windows will be replaced with high-performance windows containing insulated low-E glass matching those in



the recently renovated F wing. Highly recycled content and local materials will be utilized whenever possible to reduce the carbon footprint and indoor air quality will meet zero-VOC (volatile organic compounds) and low toxin requirements.

## OFFICES

Hanover, MD

## SECTORS

Healthcare  
Institutional  
Biotech/Pharma

## SERVICES

Building Information  
Modeling

## VALUE ADD

Prefabrication