

## **Green Buildings - Education The Rockefeller University Collaborative Research Center New York, New York**

### **Program**

NYSERDA New Construction Program

### **Scope of Services**

- Project Scoping
- Design Assistance
- DOE-2.1E Whole Building Modeling
- Green Building Services
- EEM/Sustainable Design Coordination
- Cost Benefit Analysis
- Incentive Calculation & Reporting
- LEED Optimize Energy Performance

### **Level of Involvement**

NCP Technical Assistance Provider  
LEED Consultant

### **Facility Size**

270,000 sq. ft.

### **Facility Type**

University/Laboratory

### **Project Results**

Pursuing LEED-NC v2.2 Certification

EME Group is providing the LEED consulting and energy modeling for Rockefeller University's new \$400-million Collaborative Research Center (CRC). As a part of the Rockefeller's on-going commitment to maintaining and improving its facilities, in 2005, the University started the development and planning for CRC, a new state-of-the-art laboratory, to be the first new lab space constructed on campus since 1992.

The Rockefeller University is a world-renowned center for research and graduate education in biomedical sciences, chemistry, bioinformatics and physics. The university's 69 laboratories conduct both clinical and base research and study a diverse range of biomedical issues. Founded in 1901 by John D. Rockefeller, the Rockefeller Institute for Medical Research was the country's first institution devoted exclusively to biomedical research. The Rockefeller University Hospital was founded in 1910 as the first hospital devoted exclusively to clinical research.



### **RU Collaborative Research Center**

The CRC project is comprised of the complete rehabilitation of two existing buildings, Smith and Flexner Halls and the new construction of a glazed atrium, which will connect the two existing buildings. The buildings being rehabbed, Theobald Smith Hall, constructed in 1930 and Flexner Hall constructed in 1917 are located in the northeast section of the university's 14-acre Upper Eastside campus and were in need of infrastructure upgrades, structural repairs and modernization. The CRC program calls for the construction of new laboratory and office space in Smith and Flexner Halls and the construction of conference and meeting rooms, transition and vertical circulation space, restrooms and food service facilities in the atrium.

Rockefeller is committed to building an energy efficient and sustainable structure with the goal of achieving a United States Green Building Council (USGBC) Leadership in Energy and Environmental Design for New Construction (LEED-NC) v2.2 rating. In accordance with these goals, a primary design focus is energy efficiency, although key design elements will also include construction activity, water efficiency, material and resource management, and indoor air quality. The project is pursuing a LEED-NC v2.2 certification and projecting achievement of four EAc1 points.