

Massachusetts Green High Performance Computing Center Intern Positions



Turner Construction is looking for interns at our Massachusetts Green High Performance Computing Center (MGHPCC) job site in Holyoke, MA. The ideal candidates would have the following qualifications:

- BS program in Civil Engineering, Mechanical Engineering or Construction Management
- GPA of 3.0 or better
- Will have completed his/her Junior year

There are four positions available for 2012. Please indicate which position you are applying for on your application: Winter Break, Spring Break, and two summer positions: May–June, July–August.

ABOUT MASSACHUSETTS GREEN HIGH PERFORMANCE COMPUTING CENTER:

The MGHPCC is designed to support the growing scientific computing needs of faculty-driven research at MIT, University of Massachusetts, Boston University, Northeastern University, and Harvard University. The facility will house thousands of computers, dedicated to solving scientific problems such as designing new drugs, developing new materials for clean energy, or understanding the formation of galaxies.

Overall building floor area for this state-of-the-art computing facility is 90,300 gross square feet. It is constructed of structural steel with precast and curtain wall. The 10MW of compute load is supported by a close coupled high density data cooling system, two exterior medium voltage generators and medium voltage standby generators. The LEED-certified facility utilizes high efficiency equipment, air flow management strategies, high inlet water temperatures, and high efficiency UPS with flywheels eliminating the need for batteries. The cooling system for the computing equipment uses 176 In-row row coolers at 12 tons each, supported by three 850 Ton Centrifugal chillers and one 850 Ton Magnetic Bering Centrifugal chiller. To maximize energy efficiency, the cooling system utilizes outside air in place of the chillers whenever the temperature is low enough.

ABOUT TURNER:

As a prominent leader in this industry, Turner Construction is identified as an innovative service provider that is dedicated to our clients and achieving the highest performance standards. Turner was incorporated in New York and for over a century has been busy building America. Since our inception, when we pioneered the practical use of the concept of “reinforced concrete” design, Turner has grown dramatically. Today, we are an \$8 billion corporation with 46 offices across the United States, over 5,400 employees nationwide and overseas in six countries.

Turner Construction Company brings an unmatched resource to every project—a staff of experienced, superbly-trained, extremely dedicated personnel, who represent not only our greatest asset, but who are the bedrock upon which our own growth has been constructed.

Interested applicants should send resumes to: Tim Driscoll, Assistant Project Engineer at tdriscoll@tcco.com.

