

**Salary:** Open

**Type:** Full Time - Experienced

OPERATIONS MANAGER Multi-Axial Full-Scale Sub-Structures Testing and Simulation (MUST-SIM) Facility Network for Earthquake Engineering Simulation Department of Civil and Environmental Engineering UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN (Full-time)

An Operations Manager is sought for the Multi-Axial Full-Scale Sub-Structures Testing and Simulation (MUST-SIM) facility which is located in the Newmark Structural Laboratory at the University of Illinois. The MUST-SIM facility consists of large multi-degree-of-freedom hydraulic loading devices, control software, instrumentation, telepresence equipment, a model laboratory, and an operations studio. The MUST-SIM facility is used for large-scale multi-directional testing of components of buildings, bridges, or other structures and it is one of 15 facilities funded through the National Sciences Foundation's George E. Brown Network of Earthquake Engineering Simulation (NEES) program. The facility is scheduled for operation through to September 2014. In coordination with MUST-SIM facility directors, the Operations Manager will have primary responsibility for ensuring efficient operation of the facility to the satisfaction of all interested parties. The Operations Manager will need to understand the functionality and be able to operate the testing equipment, instrumentation devices, and associated software programs. The Operations Manager will also be responsible for assisting researchers in the development of proposals, scheduling maintenance of all hardware, upgrading software, project scheduling, budget tracking, and the completion of NEES reports. He-she will also upgrade operations manuals, develop training modules, organize workshops, conduct regular meetings, and to work cooperatively with all researchers and other staff to ensure the successful completion of projects. The successful candidate is expected to have experience in structural experimental research and to have earned a B.S. degree or higher in an engineering or related discipline. Communication skills are required for the preparation of reports, for leading workshops, and for participating in national NEES conferences and other forums. Salary is open and based on qualifications. To ensure full consideration, applications must be received by December 20, 2007. Interviews may be conducted before the closing date, but the final decision will not be made until after that date. The starting date will be as soon as a suitable candidate is identified after the closing date. Application materials should be submitted electronically (paperless process) as a single PDF document to: [cee-searches@uiuc.edu](mailto:cee-searches@uiuc.edu). The cover letter should be addressed to Professor Robert H. Dodds, Jr., Head, Department of Civil and Environmental Engineering, 1114 Newmark Civil Engineering Laboratory, 205 North Mathews Avenue, Urbana, IL 61801. Telephone: 217-333-3814. Information about the Department may be found at: [cee.uiuc.edu](http://cee.uiuc.edu). The Department is committed to building a diverse environment; minorities, women, and other designated class members are encouraged to apply. The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

Apply online at <http://careers.asce.org/jobdetail.cfm?job=2716176.32>