ASSISTANT/ASSOCIATE PROFESSOR OF MECHANICAL ENGINEERING (OPEN RANK)

The Mechanical Engineering Department at Northwestern University invites applications for a tenure-track faculty position at the Assistant or Associate Professor level. Outstanding candidates may be considered at the Full Professor level.

Candidates are expected to build a vibrant research program and to demonstrate a commitment to collaboration and teaching in the undergraduate and graduate programs in the McCormick School of Engineering.

Applicants in all areas related to Mechanical Engineering will be considered. Research areas of particular interest include design (product design and materials design), manufacturing, and robotics, including their connections to big data and cloud computing. Candidates should hold a PhD in Mechanical Engineering or a related discipline.

To ensure full consideration, applications should be received by January 3, 2016. Applications will be accepted until the position is filled. Application materials should be submitted to the Search Committee Chair via the web interface at: http://www.mccormick.northwestern.edu/mechanical/faculty-openings/positions-2015.html

CLINICAL PROFESSOR OF ELECTROMECHANICAL DESIGN

The Mechanical Engineering Department at Northwestern University invites applications for the non-tenure-track position of Clinical Professor of Electromechanical Design. Appointment level (Clinical Assistant, Associate, or Full Professor) is dependent on qualifications.

The successful candidate will be expected to teach a signature multi-quarter course on electromechanical design and to advise student design projects. Students will be primarily undergraduate and graduate students in Mechanical Engineering, the Master of Science in Robotics, Electrical Engineering and Computer Science, and Biomedical Engineering. This position will also interface with the Segal Design Institute, the Farley Center for Entrepreneurship and Innovation, and the Rehabilitation Institute of Chicago.

Candidates should exhibit a strong and sustained record of practical electromechanical design, as evidenced by leadership in significant design projects or fielded products. The successful candidate will possess skills in some or all of the following areas: project management, CAD, machining, rapid prototyping, mechanical component selection, motor and transmission selection, sensor selection, mechatronics, signal processing, dynamics, finite element analysis, real-time control, embedded computing, and circuit and PCB design. The successful candidate will also demonstrate an ability and enthusiasm to lead student teams.

To ensure full consideration, applications should be received by January 15, 2016. Applications will be accepted until the position is filled. Application materials should be submitted to the Search Committee Chair via the web interface at: http://www.mccormick.northwestern.edu/mechanical/faculty-openings/positions-2015.html

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes including veterans and individuals with disabilities. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.