POSITIONS

Tenure-Track Position: 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.

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Clinical Professor of Electromechanical Design: 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.

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For more information or to apply for either position, please go to

http://www.mccormick.northwestern.edu/mechanical/faculty-openings/positions-2015.html