Multiple Tenure Track Mechanical Engineering Faculty Positions – Villanova University

ADVANCED MANUFACTURING

We are seeking to hire an outstanding individual with strong fundamental technical knowledge. Areas of interest include small-scale manufacturing, additive manufacturing, and advanced materials synthesis and processing. The primary responsibilities will include teaching and developing undergraduate and graduate courses in modern manufacturing, contributing to the modernization of the manufacturing curriculum and developing a vibrant funded research program. Required are a Ph.D. in Mechanical Engineering, Materials Science, Manufacturing, or a closely related field, and a commitment to research and teaching excellence and innovation. The position starts in the fall of 2016. The position is intended for the Assistant Professor level, however outstanding applicants may be considered at the Associate Professor level.

COMPUTATIONAL FLUID DYNAMICS THEORY AND APPLICATIONS

We are seeking to hire an outstanding individual with strong fundamental technical knowledge. Areas of interest include biotransport, micro/nanofluidics, and phase change processes. The primary responsibilities will include teaching and developing undergraduate and graduate courses in the thermal-fluid area and in modern computational fluid dynamics and developing a vibrant funded research program. Required are a Ph.D. in Mechanical Engineering or a related field, and a commitment to research and teaching excellence and innovation. The position starts in the fall of 2016. The position is intended for the Assistant Professor level, however outstanding applicants may be considered at the Associate Professor level.

Materials:

Application materials should include a cover letter, CV, research philosophy, teaching philosophy and the names of three references. The review process will begin immediately and will continue until the position is filled.

To apply visit: http://jobs.villanova.edu.

Villanova is a Catholic university sponsored by the Augustinian order. Diversity and inclusion have been and will continue to be an integral component of Villanova University’s mission. The University is an Equal Opportunity/Affirmative Action employer and seeks candidates who understand, respect and can contribute to the University’s mission and values.