The University of Kentucky’s College of Engineering is embarking on a major cluster hiring initiative in emerging fields of sustainable manufacturing. Over the next 3-5 years, we will hire multiple tenure-track faculty at all ranks to complement our current expertise, develop a critical mass in sustainable manufacturing, and foster cross-disciplinary work across the college and university. Preferred areas of expertise for the current round of hiring include:

1. Sustainable Manufacturing Processes
2. Sustainable Product Design, including Design for Product Disassembly/Remanufacturing
3. Scalable and Reconfigurable Manufacturing Systems for Sustainable Production
4. Sensor-based Smart Manufacturing with Monitoring and Control of Operations
5. Plastics and Composites Manufacturing Processes, including Reuse and Recycle Technologies

Successful candidates for the current hiring will have a primary appointment in the Department of Mechanical Engineering (http://www.engr.uky.edu/me/), but may also hold secondary appointments in other departments depending on his/her expertise areas, and will work as a core member of the Institute for Sustainable Manufacturing (ISM). ISM is an internationally-recognized interdisciplinary research center with significant infrastructure and participating faculty from multiple engineering departments (http://www.engr.uky.edu/ism). Candidates that bridge multiple areas within the preferred areas of expertise, or that bridge to other strategic areas with the Department of Mechanical Engineering, including Autonomy and Robotics, Aerospace, Bioengineering and Energy, are especially encouraged to apply.

We encourage applications from scholars committed to excellence and seeking to help redefine our research programs in sustainable manufacturing for the next generation. For senior positions, the candidate must demonstrate a record of success in funded research, publications, industry interactions, team building, and be strongly committed to both undergraduate and graduate teaching, including courses for our online master’s program in Manufacturing Systems Engineering (https://www.engr.uky.edu/mfs). We are particularly interested in individuals whose research forges a close relationship between science-based sustainable manufacturing and growing industrial needs.

To apply, please visit the UK Jobs site at http://ukjobs.uky.edu/postings/164070. Applications must include: 1) a cover letter; 2) full curriculum vitae; and 3) description of proposed research and teaching philosophy (upload under Specific Request 1). Also provide the names and contact information for five references when prompted in the application.

For full consideration, applications should be received by December 1, 2017, but will be accepted until the positions are filled. The anticipated start date is August 1, 2018. For questions about this manufacturing cluster hire, please contact Prof. I.S. Jawahir at is.jawahir@uky.edu. Please note that, to be considered an applicant, an application must be submitted through the UK Jobs system.

The University of Kentucky is an Equal Opportunity Employer, committed to a policy of providing equal employment opportunities to all candidates regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, marital status, or age.