

Two Faculty Positions in Advanced Manufacturing and Sustainability at J.B. Speed School of Engineering, U of Louisville

J.B. Speed School of Engineering invites applications from exceptional candidates with proven track record to strengthen the 21st century university research initiatives in advanced manufacturing and sustainability. The positions are expected at a rank of associate professor and will be housed in the appropriate discipline based on the candidate's educational qualifications and research interests. The following list of topics represent our preference but are not exclusive in nature.

Sustainability: Renewable energy (solar, biomass, energy storage, advanced energy materials), energy efficiency (lighting and catalysis), nitrogen/phosphorous cycles, accelerated materials discovery, and advanced application and design.

Advanced Manufacturing: Additive manufacturing and 3D printing; digital manufacturing and digital design; multi-scale manufacturing and integration; novel high throughput, low cost processes such as roll-to-roll, inkjet printing and micro-embossing, next generation micro and nano fabrication; smart materials for advanced manufacturing; bio-integrated and bio-compatible manufacturing.

The chosen faculty candidates are expected to leverage resources and facilities available at our existing centers of excellence including Conn Center for Renewable Energy Research, and the Micro/NanoTechnology Center, Additive Manufacturing Research Center. The candidates must have an earned Ph.D degree in an engineering discipline, and outstanding records of scientific research, doctoral student mentoring, and continuous research funding. The successful candidates will develop an imaginative research program that is both transformational and translational in nature and contribute to both undergraduate and graduate teaching.

Applicants should apply online for Job ID 463 at (https://higherdecisions.com/uofl/current_vacancies.asp). The letter of application should indicate their qualifications, a current curriculum vitae, a short description of research and teaching plans along with a contact list of three or more references. Applications will be reviewed beginning December 1st, 2015 and applications will be received until the positions are filled. The expected start date is August 15, 2016.

The University of Louisville is a state-supported metropolitan research university located in Kentucky's largest urban area. The J.B. Speed School of Engineering is located in the 177 acre Belknap campus. Louisville has world-class performing arts, great sports, a nationally acclaimed parks system and is home to the Kentucky Derby. It was named one of America's Breakout Cities for 2014 by CNN Money, the top travel destination for 2013 by Lonely Planet and the Most Livable City in America (large city category) in 2012 by the U.S. Conference of Mayors. The University of Louisville is an Affirmative Action, Equal Opportunity, Americans with Disabilities Employer, committed to diversity, and encourages applications from minorities and under-represented groups.