

**School of Aerospace and Mechanical Engineering  
College of Engineering at the University of Oklahoma  
Norman, Oklahoma**



**Perkinson Chair in Engineered Complex Systems**

The College of Engineering at the University of Oklahoma seeks to establish leadership in the high-impact interdisciplinary area of *Engineered Complex Systems*. Accordingly, the School of Aerospace and Mechanical Engineering is seeking outstanding candidates to fill the Perkinson Chair as a tenured Associate Professor or Professor.

We seek candidates with a passion for innovating at the interface between realization of complex engineered systems and model-based simulation and visualization in distributed engineering environments. Some example domains include:

- Model-based design, analysis, and manufacturing methods associated with the distributed realization of complex engineered systems, including life-cycle perspectives (e.g., concept development, product portfolio management) and emerging applications domains (e.g., aging systems).
- Physics-based models for distributed analysis and design of engineered systems (e.g., energy, electro-mechanical, multi-scale) and materials and processes (e.g., multi-functional composites, sensors and nanostructures).
- Educational courseware and appropriate computer-based learning platforms, anchored in scholarship and the learning sciences.

Candidates for the Perkinson Chair shall possess an earned doctorate in engineering or a relevant discipline, have attained the rank of tenured Associate Professor or Professor and have established a record of interdisciplinary scholarly publication in the field of Engineered Complex Systems.

Candidates can learn more about AME on the website (<http://www.ame.ou.edu>) and the blog (<http://blogs.ou.edu/ame/>).

Inquiries about this position may be directed by email or phone to:

Dean Thomas L. Landers  
Search Committee Chair

or

Professor Farrokh Mistree  
Director, School of Aerospace and  
Mechanical Engineering  
Cell: 405-306-7309  
Email: [farrokh.mistree@ou.edu](mailto:farrokh.mistree@ou.edu)

Telephone: 405-325-2621  
Email: [landers@ou.edu](mailto:landers@ou.edu)

Candidates are invited to submit a statement of vision for this opportunity, addressing how they fulfill the qualifications noted herein, a curriculum vita, up to five scholarly publications, and a list of five references who will be contacted only upon permission of the candidate. Screening of candidates will begin November 1, 2012 until position is filled. Candidates are requested to submit their applications electronically in one PDF file to:

Chair, Perkinson Chair Search Committee  
School of Aerospace and Mechanical Engineering  
University of Oklahoma, Norman, Oklahoma 73019  
Attention: Rebecca L. Norris [rlnorris@ou.edu](mailto:rlnorris@ou.edu)

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