

## Faculty Positions in the Mechanical and Aerospace Department

The Department of Mechanical and Aerospace Engineering at North Carolina State University is filling the first cohort of ten new faculty positions and is moving into a new 248,000 ft<sup>2</sup> facility as part of the expansion of its College of Engineering. This announcement invites applications for tenure-track faculty positions in 1) the **area of energy**: includes but is not limited to renewable energy technologies including wind, biomass and fuel cells, alternative fuels, high efficiency engines, and energy harvesting, 2) the **area of micro/nano/bio-mechanics systems and design**: includes but is not limited to modeling of nano-composites, nano-bio-mechanics, devices and sensors design, nano-imaging and manipulation, opto-mechanical systems design, nano-manufacturing and MEMS/NEMS, and 3) the **area of aerospace structures**: includes but is not limited to composite structures, multifunctional structures, fluid-structures interaction (aero-elasticity), rotorcraft applications and space transportation structures. Candidates must have earned a doctorate in Mechanical Engineering, Aerospace Engineering or a closely-related field. Successful candidates will be expected to teach at the undergraduate level and the graduate level, to advise graduate students, and to establish a high quality, nationally-visible externally funded research program. Women and members of other underrepresented groups are especially encouraged to apply. It is anticipated that the positions will be filled at the assistant or associate professor level, but higher rank may be considered. Rank and salary are commensurate with experience and accomplishments.

Interested persons should apply online at [jobs.ncsu.edu](http://jobs.ncsu.edu). Search under position number 04-33-0809. Attach PDF files of a complete curriculum vita and the contact information for three references. Additional information is available at [www.mae.ncsu.edu](http://www.mae.ncsu.edu). For full consideration, applications should be received by 01/01/2009.

*N.C. State University is an equal opportunity and affirmative action employer: all qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, sexual orientation, age, or disability. Individuals with disabilities desiring accommodation in the application process should contact the MAE office at (919) 515-2367. We welcome the opportunity to work with candidates to identify suitable employment opportunities for spouses or partners.*

