Faculty Position in the Mechanics of Materials Research Group at Georgia Tech

The Mechanics of Materials Research Group (MoMRG) within the George W. Woodruff (GWW) School of Mechanical Engineering at Georgia Tech is considering potential faculty with strong background in applied mechanics working in the following areas: (i) interface of mechanics of materials and biology, with emphasis on biomimetics, (ii) mechanics of nanomaterials and multiscale characterization, and (iii) mechanics of soft and functional materials, including those with multiple (e.g., mechanical, chemical, thermal, electrical or optical) functionalities. Applicants should be able to teach statics and strength of materials at the undergraduate level, basic materials science courses in material structure and structure-property relations, and continuum mechanics, energy methods, fracture, inelasticity well as well other related areas of mechanics at the graduate level. It is expected that successful candidates will be able to cultivate relationships both within and outside of the GWW School, especially in areas of biology, bioengineering, materials processing and fabrication, and materials design. Priority will be given to applicants who combine aspects of advanced diagnostics, novel experimental approaches, and modeling across various length scales, and complement existing GWW faculty expertise (http://www.me.gatech.edu/research/mechanics). Interested candidates are encouraged to apply through https://www4.me.gatech.edu/ME/facrecruit/apply2/. Georgia Tech is an equal opportunity employer.