

Faculty Openings in Materials Science and Engineering at the Georgia Institute of Technology

The School of Materials Science and Engineering (MSE) at the Georgia Institute of Technology (GT) invites outstanding applicants for a tenure-track faculty position at the Assistant Professor level. Exceptional candidates with demonstrated evidence of excellence and interdisciplinary leadership at a more senior level may also be considered as joint hires with other academic units on campus. Candidates with expertise in high-throughput approaches to materials discovery, synthesis, characterization or design of new materials are especially encouraged, as are applicants with expertise in new materials optimized for additive manufacturing or multifunctional applications. The search spans all application domains (electronic/ optical /magnetic, energy, structural, biomedical) independent of material type (quantum, nano, semiconductor, metal, ceramic, polymer) and/or primary activity (theory, simulation, experimentation).

Qualified candidates must possess a Ph.D. in Materials Science and Engineering or a closely related discipline, and a strong record of academic and research excellence. Successful candidates will be expected to build and lead a distinctive research program. The ideal candidate will champion independent and collaborative research at the cutting edge of her/his field, be able to attract external funding to build strong sponsored-research activities, mentor graduate students successfully, and develop and teach fundamental courses at the undergraduate and graduate levels in materials science and engineering.

MSE at GT has 33.6 faculty FTEs whose research spans all forms, classes, and functionalities of materials to address various societal grand challenges. Opportunities abound for campus-wide interactions within the academic units in the Colleges of Science, Engineering, and Computing. Six interdisciplinary research institutes (IRIs) feature strong materials research components, including the Institute for Materials (IMat), the Renewable Bioproducts Institute (RBI), the Georgia Tech Manufacturing Institute (GTMI), the Institute of Electronics and Nanotechnology (IEN), the Strategic Energy Institute (SEI), and the Georgia Tech Research Institute (GTRI). The IRIs provide thought leadership, facilitate collaborative research across various academic units, and assist with ideation, proposal preparation, student and faculty socialization and sharing of resources. Additionally, many other groups on campus focus on different material types and applications. All faculty have access to state-of-the-art shared user facilities including the Materials Characterization User Facility, and a new High-Performance Computing Center among others.

Interested applicants must submit an application at <https://academicjobsonline.org/ajo/jobs/9736> by November 15 for full consideration. Application includes a cover letter, curriculum vitae, statements of research interest and teaching philosophy, and the names (and contact information) of at least five references. Women and minorities are especially encouraged to apply. The selection process will include passing a pre-employment background screening.

The Georgia Institute of Technology is an Affirmative Action/Equal Opportunity Employer.