



MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Administrative Services Organization 77 Massachusetts Avenue Cambridge, MA 02139

Archaeology ♦ Center for Biomedical Engineering ♦ Chemical Engineering ♦ Materials Science and Engineering

SCHOOL OF ENGINEERING

DEPARTMENT: Department of Materials Science and Engineering
POSITION: Faculty Position

JOB DESCRIPTION AND MINIMUM QUALIFICATIONS:

**Massachusetts Institute of Technology
Cambridge, MA
Department of Materials Science and Engineering**

Faculty Position

The Department of Materials Science and Engineering (DMSE) seeks candidates for open tenure-track faculty positions to begin July 2017 or on a mutually agreed date thereafter. Appointments would be at the assistant or untenured associate professor level. In special cases, a senior faculty appointment may be possible. Faculty duties include teaching at the graduate and undergraduate levels, research, and supervision of student research.

Candidates should hold a Ph.D. in Materials Science and Engineering or a related field by the start of employment. Candidates with deep knowledge of the core of Materials Science and Engineering are desired. DMSE seeks to broaden its research portfolio in two main directions:

1. Computational materials science, including in the areas of materials kinetics, materials synthesis, mesoscale modeling of materials processing and microstructure evolution, and data-driven approaches to materials science for engineered inorganic, organic, or biological materials.
2. Advanced materials characterization, including development and deployment of new and high-resolution methods in microscopy, diffraction, compositional mapping, in situ and in operando techniques for inorganic and organic materials.

However, DMSE has strengths and interests across the full spectrum of materials research, and excellent candidates with expertise in **any and all areas of the field** are welcomed.

MIT has a number of institute-wide initiatives under way or in development, on topics that include Manufacturing, Energy, Environment, Health, and Data. Individuals who can connect to these initiatives are of interest.

Interested candidates should submit application materials electronically at <http://dmsefacsrch.mit.edu>. Each application should include: a curriculum vitae; a statement of research interests; and a statement of teaching interests. We request that each candidate arrange for 3 letters of reference to be uploaded at <http://dmsefacsrch.mit.edu/letters/>. Questions should be addressed to DMSE-Search-Master@dmsefacsrch.mit.edu. Responses received by December 31, 2016 will be given priority. No application received after March 1 will be considered in this year's search.

We especially encourage minorities and women to apply because of MIT's strong commitment to diversity in engineering education, research and practice.