

Carnegie Mellon University Department of Materials Science and Engineering Department Head Position

The Carnegie Mellon University College of Engineering invites applications for the position of Professor and Head of the Department of Materials Science and Engineering.

The [Department of Materials Science and Engineering \(MSE\)](#) is one of seven academic departments in the College of Engineering at Carnegie Mellon University and recently ranked as a top ten department (US News & World Report). MSE has a long and distinguished tradition in materials education and research, and today our faculty continue to address the more important and challenging issues at the forefront of science and technology. Materials Science and Engineering is an interdisciplinary activity that applies the principles of basic sciences and engineering to understanding the behavior of materials, their development and applications. The student body includes over 120 undergraduates (sophomore - senior), 30 Masters, over 75 PhD students, and 24 active faculty including some with joint appointments in Biomedical Engineering, Electrical and Computer Engineering, and Engineering and Public Policy. Research activities include computational and experimental methodologies that span fundamental science to technology development. Current research foci include computational materials science, inorganic functional materials, manufacturing & materials microstructure, and materials for healthcare.

An accomplished academic leader is sought to provide strategic vision and outstanding operational management, to oversee world-class research and educational programs, and to guide the Materials Science and Engineering Department to the next level of accomplishment and impact. The Department Head will maintain and strengthen the culture of collaboration and innovation in the department; expand the reputation of the department; lead the department in strategic planning; promote diversity within the department and institution; and demonstrate a commitment to high-quality administration and high-quality student experience.

Individuals with expertise across a wide range of areas related to materials science will be considered. Applicants must have earned a PhD in a field of engineering or science closely related to materials science. Teaching experience and an internationally recognized record of research are essential. Applicants must be qualified for an appointment at the rank of Professor with tenure.

Applications will be accepted until January 15, 2020. Review of applications will begin on November 15, 2019 and will continue until the position is filled, even if prior to the application close date. The expected start date is July 1, 2020. E-mail inquiries concerning this position may be sent to the Search Committee at MatSci-Head-Search@andrew.cmu.edu.

Interested candidates should submit applications electronically <http://apply.interfolio.com/67524>, including a cover letter that describes leadership experience and a vision addressing the future of materials science (US and global). This application should also include a curriculum vitae and three statements: a statement of research experience and interests; a statement of teaching experience and interests; and a statement describing how the candidate has contributed to and plans to contribute to, diversity, inclusion, and equality. The Search Committee will solicit names of references and their contact information only for a subset of applicants after the initial review. These applicants will be notified in advance before letters are requested.

Carnegie Mellon is an equal opportunity employer and is committed to increasing the diversity of its community on a range of intellectual and cultural dimensions. Carnegie Mellon welcomes faculty applicants who will contribute to this diversity through their research, teaching and service, including women, members of minority groups, protected veterans, individuals with disabilities, and others who would contribute in different ways. Carnegie Mellon University seeks to meet the needs of dual-career couples and is a member of the Higher Education Recruitment Consortium (HERC) that assists with dual-career searches.