



University at Buffalo

Department of Mechanical
and Aerospace Engineering

School of Engineering and Applied Sciences

Faculty Positions at the Assistant, Associate, and Full Professor Levels

The Department of Mechanical and Aerospace Engineering (MAE) at the University at Buffalo, State University of New York invites applicants for multiple faculty positions at the Assistant, Associate, and Full Professor levels.

We are particularly looking for candidates who can operate effectively in a diverse faculty and student community of that values collegiality, collaboration, achievement, and integrity. Our vision is to help all constituents reach their full potential, creating best-in-practice operations to support faculty scholarship and fostering excellence in student experiences inside and outside our department.

Desirable areas of research expertise are any that complement the existing research strengths in the department but are not limited to, one or more of the following: *bioengineering; computational and applied mechanics; design and manufacturing; dynamics, control and mechatronics; fluid and thermal science; and materials*. Candidates in these and related research areas are strongly urged to apply.

Applicants are expected to contribute to the core research and teaching missions in MAE. In particular, successful candidates will be expected to develop an independent, externally-funded, internationally-recognized research program, teach core MAE graduate- and undergraduate-level courses, develop new specialized MAE courses, supervise graduate research and contribute to departmental affairs.

The University at Buffalo (UB), a member of the prestigious American Association of Universities, is the largest and most comprehensive university in The State University of New York (SUNY) system, with about 20,000 undergraduates and 10,000 graduate students and 1,600 fulltime faculty. The School of Engineering and Applied Sciences is the largest and most comprehensive of the SUNY engineering schools with has 6,000 students enrolled across 9 academic departments.

The MAE Department currently has 35 tenure track faculty and 8 teaching faculty. Our faculty and students have access to world-class experimental and computational facilities and are active in multidisciplinary research initiatives on campus. More details on the MAE Department and its affiliated institutes and centers can be found at www.mae.buffalo.edu.

Buffalo, ranked #1 in *Travel and Leisure* Magazine's Friendliest cities in America, is a city with a rapidly growing economy, eclectic neighborhoods, world-class art galleries and museums, a vibrant theater and music community, the Lake Erie waterfront, a city-wide system of parks designed by renowned landscape architect Frederick Law Olmsted, and major and minor league sports teams. The awe-inspiring Niagara Falls is just 20 minutes away. The department is located on the UB North Campus in suburban Amherst, an area that combines outstanding public schools and services with a surprisingly low cost-of-living.

Applicants must have an earned doctorate in Mechanical or Aerospace Engineering or in a relevant science or engineering discipline and the Ph.D. must be conferred prior to appointment. Candidates must apply at <http://www.ubjobs.buffalo.edu> using posting number F1900103. The evaluation process will start on October 1, 2019 and will continue until the positions are filled.