

<b>Field of Specialization:</b>	Mechanical Design
<b>Academic Unit:</b>	Mechanical and Aerospace Engineering
<b>Category of Appointment:</b>	Preliminary (Tenure-Track)
<b>Rank/Position Title:</b>	Associate or Full Professor
<b>Start Date:</b>	January 1, 2021 (flexible)
<b>Closing Date:</b>	Application will be accepted until the position is filled

**About the Position:**

The Department of Mechanical and Aerospace Engineering invites applications for a tenure-track appointment at the Associate or Full Professor level. Applicants should have expertise in Mechanical Design, and an interest to lead collaboration with colleagues both within the department of Mechanical and Aerospace Engineering and with other units in the Faculty. The target start date is January 1, 2021, although this is flexible.

The candidate’s research interests are expected to be focussed on Mechanical Design, with application areas that align with one of our many areas of strength, including Aerospace Design and Manufacturing, Mechanical Engineering, Sustainable and Renewable Energy Engineering and Biomedical Engineering. The ideal candidate has the experience and contacts within a significant sector of engineering to attract and lead industrially-sponsored research. The candidate should also have the vision and capabilities to lead interdisciplinary, multi-institution, research projects in their area of specialization. Candidates seeking a balanced academic career involving significant research, supervision and training of a research team of graduate and undergraduate students, and innovative teaching in undergraduate engineering programs are ideal. We seek candidates that have a desire to encourage young people, and especially women, to pursue a technical, engineering career.

**About the Academic Unit:**

We are a creative and forward-thinking department that values diversity as a key driver of innovation. We are seeking new faculty interested in working in a diverse, dynamic, collaborative and progressive environment.

At the Bachelor’s level, the Department offers degrees in Mechanical, Aerospace, Biomedical and Mechanical, and Sustainable and Renewable Energy Engineering, at both the undergraduate and graduate levels. We are a research- intensive department with over 300 graduate students at the Masters and PhD levels.

Our substantial strength in Aerospace Engineering and emerging strength and growth in the areas of Biomedical Engineering and Sustainable Energy Engineering create a uniquely interdisciplinary, diverse research environment.

There are excellent opportunities for collaboration with industry, government institutes and laboratories, and established faculty members in the Department and across campus. Information on the Department is available at <http://carleton.ca/mae>.

**Qualifications:**

The successful candidate is required to have a Ph.D. in engineering, an excellent track record of high-quality research output that demonstrates potential for independent research, and a demonstrated aptitude for teaching courses at the undergraduate and graduate levels. The candidate must demonstrate the potential to develop research collaborations with industry, become a graduate-student supervisor, and attract funding to support independent research programs yielding high-quality peer-reviewed publications. Membership in a Canadian professional engineering association is necessary at the time of appointment or within three years of appointment.

**Application Instructions:**

Applicants should submit their curriculum vitae, the names of three referees, and statements on your teaching and research interests. In addition, you should identify any past experiences in supporting equity, diversity and inclusion in your previous institutional environment. Please send your application as **a single PDF file** to: Professor Ron Miller, Chair, Department of Mechanical and Aerospace Engineering, Carleton University, Email: [Hiring.MAE@carleton.ca](mailto:Hiring.MAE@carleton.ca)

Please indicate in your application if you are a Canadian citizen or permanent resident of Canada.

**About Carleton University:**

Carleton University is a dynamic and innovative research and teaching institution with a national and international reputation as a leader in collaborative teaching and learning, research and governance. With over 30,000 students in more than 100 programs of study, we encourage creative risk-taking, discovery, and the generation of transformative knowledge. We are proud to be one of the most accessible campuses in North America. Carleton's Paul Menton Centre for Students with Disabilities has been heralded as the gold standard for disability support services in Canada.

Carleton's location in Ottawa, Ontario provides many opportunities for scholarship and research with numerous and diverse groups and institutions. Canada's capital has a population of almost one million and reflects the country's bilingual and multicultural character. To learn more about our university and the City of Ottawa, please visit [www.carleton.ca/about](http://www.carleton.ca/about).

Carleton University is committed to fostering diversity within its community as a source of excellence, cultural enrichment, and social strength. We welcome those who would contribute to the further diversification of our university including, but not limited to: women; visible minorities; First Nations, Inuit and Métis peoples; persons with disabilities; and persons of any sexual orientation, gender identity and/or expression. Carleton understands that career paths vary. Legitimate career interruptions will in no way prejudice the assessment process and their impact will be carefully considered.

Applicants selected for an interview are asked to contact the Chair as soon as possible to discuss any accommodation requirements. Arrangements will be made in a timely manner.

*All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. All positions are subject to budgetary approval.*