

<b>Field of Specialization:</b>	Sustainable and Renewable Energy Engineering
<b>Department:</b>	Mechanical and Aerospace Engineering
<b>Category of Appointment:</b>	Preliminary (Tenure-Track)
<b>Rank/Position Title:</b>	Assistant Professor
<b>Start Date:</b>	January 1, 2020
<b>Closing Date:</b>	Applications will be accepted until the position is filled

**About the Position:**

The Department of Mechanical and Aerospace Engineering invites applications for a tenure-track position at the Assistant Professor level. The target start date of January 1, 2020 is flexible, and we will accept applications until the position is filled.

Your research interests should align with one of our many areas of strength in Sustainable and Renewable Energy Engineering. Examples of research areas you might pursue include sustainable building energy systems; district energy systems; waste-to-energy processes; thermal storage; micro-cogeneration; wind, solar, hydroelectric and nuclear power; emissions monitoring and mitigation; and biomass energy. You should have a desire to encourage our students, and particularly those in underrepresented groups, to pursue a technical, engineering career.

**About the Department:**

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 & Mechanical, and Sustainable & 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 sustainable energy engineering stems from a conscious and ongoing effort by the department to create focused activity in this area. We created the Sustainable and Renewable Energy Engineering program undergraduate program in 2008 and the Sustainable Energy graduate program in 2010. Since then we have positioned ourselves as central to the University's dedication to scholarship that contributes to a sustainable future.

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:**

If you have a Ph.D. in engineering and you are dedicated to teaching, research and the engineering profession, you will be a great fit. You will be able to develop research collaborations with industry, become an effective undergraduate and graduate teacher and graduate-student supervisor, and be able to 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 two years of appointment.

**Application Instructions:**

Please send a curriculum vitae, the names of three referees, and statements on your teaching and research interests. In addition, please 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 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.*