**Carleton University**

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| **Field of Specialization:** | The Future of Aerospace Propulsion |
| **Academic Unit:** | Mechanical and Aerospace Engineering |
| **Category of Appointment:** | Preliminary (Tenure-Track) |
| **Rank/Position Title:** | Assistant or Associate Professor |
| **Start Date:** | January 1, 2022 (Flexible) |
| **Closing Date:** | Complete 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 appointment at the Assistant or Associate Professor level. Applicants should have expertise in Aerospace Propulsion, with a focus on the future of this technology. The target start date is January 1, 2022, although this is flexible.

The candidate’s research interests are expected to relate closely with one or more aerospace propulsion technologies, such as electrification of aircraft, rotorcraft and UAV propulsion, aircraft noise reduction, alternative fuels, or aircraft-propulsion-system integration. The candidate should have the vision and capabilities to lead interdisciplinary, multi-institution, and industrially-supported research projects in one or more of these areas. 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 and other underrepresented groups, to pursue a technical, engineering career.

To see the full position posting, please visit <https://carleton.ca/provost/jobs/academics/>.

**About the Academic Unit:**

At the Bachelor’s level, the Department offers degrees in Mechanical, Aerospace, Biomedical & Mechanical, and Sustainable & Renewable Energy Engineering. At the Master’s level, the Department offers degrees in Mechanical, Aerospace, Materials, Biomedical, and Sustainable Energy Engineering. At the Ph.D. level, the Department offers degrees in Mechanical and Aerospace Engineering.

The Department’s substantial strength in aerospace engineering stems from a very long history of aerospace education and research. The size and breadth of the Department’s faculty complement with research expertise in aerospace places Carleton amongst the leading Aerospace institutions in Canada.

Information on the Department is available at <http://carleton.ca/mae>.

**Qualifications:**

The successful candidate is required to have a Ph.D. in engineering, as well as being dedicated to teaching, research, and the engineering profession. They must 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 five (5) years of appointment.

**Application Instructions:**

Your application must include a curriculum vitae, the names of three referees, a statement on your research and teaching interests, and a summary of any past experiences in supporting equity, diversity and inclusion in your previous institutional environment. Send this electronically, as a single PDF file to: Professor Ron Miller, Chair, Department of Mechanical and Aerospace Engineering, Carleton University, Email: 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 31,000 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 and 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 over 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. Furthermore, Carleton understands that career paths vary and interruptions will not prejudice the assessment process. Launched by our Department of Equity and Inclusive Communities, our EDI Institutional Action ([www.carleton.ca/edi-plan](http://www.carleton.ca/edi-plan)) renews Carleton’s commitment to leadership in the areas of anti-racism and equity, diversity, and inclusion.

Applicants selected for an interview are asked to contact the Chair as soon as possible to discuss any accommodation requirements so that appropriate arrangements may be made.

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