

Field of Specialization:	Structural Analysis, Modelling, and Rehabilitation focusing on Conservation of Historic Structures
Academic Unit:	Civil and Environmental Engineering
Category of Appointment:	Preliminary (Tenure-Track)
Rank/Position Title:	Assistant or Associate Professor
Start Date:	July 1, 2021
Closing Date:	Applications will be considered until the position is filled

About the Position:

The Department of Civil and Environmental Engineering invites applications from qualified candidates for a preliminary tenure-track appointment in Engineering specialized in Structural Analysis, Modelling, and Rehabilitation for Conservation of Historic Structures at the rank of Assistant or Associate Professor beginning July 1, 2021.

The candidate will have a strong background in civil or architectural engineering and possess a thorough understanding of the decision-making processes of the conservation of historic structures, preferably within Canadian context. The candidate should possess a strong background in engineering theory and implementation of conservation techniques; and demonstrate sensitivity and knowledge with regards to structural analysis, modelling and simulation for rehabilitation of existing and historic structures. Necessary knowledge about historic assemblies and materials is required.

We encourage applications from candidates from groups underrepresented in Engineering and/or with experience in mentoring students from such groups.

About the Academic Unit:

The Department offers dynamic, innovative, and cross-disciplinary undergraduate and graduate programs in Architectural Conservation and Sustainability, Civil Engineering and Environmental Engineering. The Department has diverse expertise over a wide range of research areas in environmental, digital heritage recording, sustainability, conservation, fire safety, structural and transportation engineering. The undergraduate program Architectural Conservation and Sustainability is a unique Canadian specialization offered since 2012.

Graduate programs of the Department are offered through the Ottawa-Carleton Institutes for Civil Engineering and for Environmental Engineering to provide further strength and opportunities. A graduate program on Building Engineering with a specialization in Conservation has been proposed.

Further information on the Department is available from the website <http://www.carleton.ca/cee>.

Qualifications:

Candidates must have a doctoral degree in civil or architectural engineering. They would have a demonstrated record of research excellence through high quality publications. The successful candidate will have a commitment to research and able to develop an externally-funded, high quality research program; will be passionate about effective teaching with demonstrated or strong evidence of potential of teaching excellence; and contribute effectively to the academic life of the Department. Synergy to establish collaborative research links with the existing members of the Department and across the

University is highly desirable. Work experience as a Conservation Engineer will be taken into consideration.

Membership in a Canadian professional engineering association is required at the time of or within three years of appointment.

Application Instructions:

Application packages comprising i) detailed curriculum vitae, ii) description of research accomplishments and future plans (research statement), iii) teaching dossier (teaching statement), and iv) names of three referees should be sent to the Hiring Committee, Department of Civil and Environmental Engineering, Carleton University as a **single pdf file** emailed to CEE.Hiring@carleton.ca. Applications will be considered until the position is filled.

Please also identify any past experiences in supporting equity, diversity and inclusion in your previous institutional environment such as in curriculum development and in supporting diverse students.

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. To learn more about our university and the City of Ottawa, please visit 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.