

Field of Specialization: Indoor Air Quality

Academic Unit: Civil and Environmental Engineering

Category of Appointment: Preliminary (Tenure-Track)

Rank/Position Title: Assistant or Associate Professor

Start Date: July 1, 2022

Closing Date: Complete applications will be accepted 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 Indoor Air Quality at the rank of Assistant or Associate Professor beginning July 1, 2022.

The candidate is expected to have technical capacities to engage in research supporting the engineering, health, and scientific aspects of building indoor air quality (IAQ). Areas may include measurement and modelling of IAQ; airborne disease transmission; design and operation of novel techniques and natural and mechanical ventilation building systems to improve IAQ; interactions between building materials, occupants, and IAQ; impact of outdoor air pollution on IAQ; and air cleaning, filtration, and other mitigation technologies. Experience in experimental methods and collaborating with related disciplines, e.g., air pollution, fire safety, existing and heritage buildings is a major asset.

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

To see the full position posting, please visit the [Deputy Provost's website](#).

About the Academic Unit:

The Department offers dynamic, innovative, and cross-disciplinary undergraduate and graduate programs in Civil Engineering and Environmental Engineering, and Architectural Conservation and Sustainability Engineering/Building Engineering. The Department has diverse expertise over a wide range of experimental, numerical, and analytical research areas in building performance, geotechnical, environmental, fire safety, structural and transportation engineering. Graduate programs are offered through the Ottawa-Carleton Institutes for Civil Engineering and for Environmental Engineering to provide further strength and opportunities. The research enterprise in the department includes a Jarislowsky Chair in Water and Global Health. Further information on the Department is available at <http://www.carleton.ca/cee>.

Qualifications:

Candidates must have a Ph.D. or be in the final stages of obtaining their Ph.D. in civil, mechanical, building, architectural, or environmental engineering or a related engineering discipline. The successful candidate must have a demonstrated record of or commitment to research excellence through high quality publications; have the strong ability 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 to the academic life of the Department. Synergy to establish collaborative research links with existing members of the Department and across the University is highly desirable.

Membership in a Canadian professional engineering association is required at the time of appointment or within five (5) 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 as a **single pdf file** emailed to CEE.Hiring@carleton.ca. Applications will be considered until the position is filled.

Please provide a statement that identifies your strengths in advancing equity, diversity, and inclusion in your discipline and on campus as well as your future plans.

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. Learn more about [our university and the city of Ottawa](#).

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. We invite you to review our revitalized Indigenous strategy, [Kinàmàgawin](#) and visit our [Department of Equity and Inclusive Communities](#) for information about our commitment to leadership in the areas of equity, diversity, and inclusion.

Accessibility is a university strategic priority and applicants selected for an interview who require accommodations are invited to contact the Chair as soon as possible to ensure 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.