

Smith Engineering Chair, Engineering for Humanity  
Queen's University

Direct Link: <https://www.AcademicKeys.com/r?job=255641>

Downloaded On: Jun. 20, 2025 5:11am

Posted Apr. 11, 2025, set to expire Aug. 11, 2025

<b>Job Title</b>	Smith Engineering Chair, Engineering for Humanity
<b>Department</b>	Stephen J.R. Smith Faculty of Engineering and Applied Science <a href="https://smithengineering.queensu.ca/index.html">https://smithengineering.queensu.ca/index.html</a>
<b>Institution</b>	Queen's University Kingston, Ontario
<b>Date Posted</b>	Apr. 11, 2025
<b>Application Deadline</b>	May 31, 2025
<b>Position Start Date</b>	Jan. 1, 2026
<b>Job Categories</b>	Endowed/Distinguished Professor
<b>Academic Field(s)</b>	Engineering - Other Ecological and Environmental
<b>Job Website</b>	<a href="https://smithengineering.queensu.ca/about/employment-opportunities/Smith-Chair-Engineering-for-Humanity.pdf">https://smithengineering.queensu.ca/about/employment-opportunities/Smith-Chair-Engineering-for-Humanity.pdf</a>
<b>Apply By Email</b>	<a href="mailto:smithengineering.facultyrecruitment@queensu.ca">smithengineering.facultyrecruitment@queensu.ca</a>
<b>Job Description</b>	

**Tenured Faculty Position as**

**Smith Engineering Chair, Engineering for Humanity**

***Stephen J.R. Smith Faculty of Engineering and Applied Science***

***Queen's University at Kingston, Canada***

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**April 2025**

*Queen's University is situated on traditional Anishinaabe and Haudenosaunee Territory.*

The Stephen J.R. Smith Faculty of Engineering and Applied Science at Queen's University (Smith Engineering) invites applications for a faculty position at the rank of Professor with Tenure and Smith Engineering Chair in Engineering for Humanity, with a preferred starting date of January 1, 2026, or July 1, 2026.

To advance our academic focus to [Reimagine Engineering Education](#), the Smith Engineering Chair, Engineering for Humanity will be a leader in supporting the development of the Engineering for Humanity pillar across multiple Departments with a research and teaching portfolio crossing the boundaries of traditional engineering, incorporating perspectives from diverse disciplines and communities.

We welcome exceptional applicants who demonstrate the ability to collaboratively frame problems with a deep understanding of users' needs to develop solutions that have the greatest positive impact, fostering empathy and a sense of responsibility. Our goal is to instill a mindset where creative and critical thought are central to engineering practices and results are tailored specifically for addressing the needs of humanity.

### **Qualifications**

Candidates must have a PhD or equivalent degree in a field relevant to engineering for humanity which may include specializations such as sustainability, development or other relevant areas.

Given the interdisciplinary focus of this position, the appointment will be held between one or more of the Departments of Chemical Engineering, Civil Engineering, Electrical and Computer Engineering, Mechanical and Materials Engineering, and Mining Engineering based on the experience and background of the identified successful candidate.

The main criteria for selection are academic and teaching excellence, including:

- evidence of high-quality scholarly output that demonstrates potential for independent research leading to peer assessed publications and the securing of external research funding;
- outstanding teaching contributions at both the undergraduate and graduate levels;

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- demonstrate an ongoing commitment to and ability to lead academic and pedagogical excellence in support of the Faculty's programs;
- evidence of an ability to lead collaboratively in an interdisciplinary and student-centred environment.

The successful candidate will also be expected to make contributions through service to the department, the Faculty, the University, and/or the broader community. Salary will be commensurate with qualifications and experience.

### **The Faculty**

Our rapidly changing world presents unprecedented opportunities and significant challenges. Smith Engineering is changing the face of engineering education, so future engineers can be leaders in the face of complex and multidisciplinary global issues. This new model of engineering education will be technically rigorous, experientially focused, socially conscious and creatively inspired. It will ensure graduates have the knowledge and tools to not only create our technology and processes but to guide their evolution, and how they integrate with society and the world. To promote on-going teaching success, there is support for course development and delivery provided by the [Engineering Teaching and Learning Team](#), the [Queen's Centre for Teaching and Learning](#), the Department, and Smith Engineering.

Smith Engineering delivers 10 undergraduate programs to over 3000 undergraduate students, and 5 graduate programs to over 500 graduate students. The Faculty is well known for its record of leadership in interdisciplinary engineering education, including being one of the first engineering schools in Canada to establish an Integrated Learning Centre, significant community service learning modules in First-Year instruction, an interdisciplinary "design spine" coordinated across all undergraduate programs in the Faculty, and a course in Technology Engineering and Management that draws students from engineering, business, arts and science, and law.

Among our top priorities in Smith Engineering is providing opportunities for early career academics to develop exceptional research and teaching contributions while fostering an inclusive environment where all faculty can thrive. Support for faculty to develop strong research programs includes Special Research Grant opportunities, grant writing workshops and review services, and one-to-one mentorship from experienced colleagues.

Smith Engineering understands that we need to focus on making [Engineering for Everyone](#) and is working toward a more diverse and inclusive community in an effort to make our learning and working environment better, and to advance the practice of engineering. The Faculty strives to make a

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difference through commitments such as the establishment of a [Chair for Women in Engineering](#) to improve the proportional representation of women in engineering, the new [Engineering Strategic Plan](#), the dynamic outreach programs including [Indigenous Futures in Engineering](#) and [Black Youth in STEM](#).

Visit [Inclusive Queen's](#) for more information on equity, diversity and inclusion resources and initiatives.

### Institution

[Queen's University](#) has a long history of scholarship, discovery, and innovation that shapes our collective knowledge and helps address some of the world's most pressing concerns. Home to more than 25,000 students, Queen's offers a comprehensive research-intensive environment. Diverse perspectives and a wealth of experience enrich our students and faculty while a core part of our mission is to engage in international learning and research.

In 2023, for the third year in a row, Queen's University has [ranked in top 10 globally Times Higher Education Impact Rankings](#), securing the position of third worldwide and first in North America. The rankings measured over 1,700 post-secondary institutions on their work to advance the United Nations' Sustainable Development Goals (SDGs).

From Nobel Prize-winning research exploring the building blocks of the universe to cancer care and treatment to sustainable technologies, our university is tackling humanity's most pressing challenges.

A member of the U15 group of Canadian research universities, Queen's is home to a vibrant research community that includes 33 Canada Research Chairs and over 20 research institutes who work in partnership with communities, governments, and industry to advance research and innovation, making a measured impact on Canada and the world.

Faculty and their dependents are eligible for an extensive benefits package including prescription drug coverage, vision care, dental care, long term disability insurance, life insurance and access to the Employee and Family Assistance Program. Employees also participate in a pension plan. Tuition assistance is available for qualifying employees, their spouses and dependent children. Queen's values families and is pleased to provide a 'top up' to government parental leave benefits for eligible employees on maternity/parental leave. In addition, Queen's provides partial reimbursement for eligible daycare expenses for employees with dependent children in daycare. Details are set out in the Queen's-QUFA Collective Agreement. For more information on employee benefits, see [Queen's Human Resources](#).

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### The City

The University is situated on the traditional territories of the Haudenosaunee and Anishinaabe, in historic Kingston on the shores of Lake Ontario. Queen's is an integral part of the Kingston community, with the campus nestled in the core of the city, only a 10-minute walk to downtown. Kingston's residents enjoy an outstanding quality of life with a wide range of cultural and creative opportunities, with access to many natural areas and proximity to vibrant First Nations Communities including Tyendinaga and Akwesasne. Kingston is a unique Canadian city of 125,000 with a distinct blend of history, recreation, industry, and learning. Kingston offers unique waterfront living with many recreational opportunities. It is within a two-and-a-half hour drive (two-hour train ride) to the commercial, industrial and political hubs of Toronto, Montreal, and the nation's capital, Ottawa, and a thirty minute drive from the international bridge linking Ontario and upstate New York. The city is also the origin of the historic Rideau Canal system – a UNESCO International Heritage site, and is close to Frontenac Provincial Park, the Thousand Islands National Park, and the Frontenac Arch UNESCO World Biosphere Reserve. The [Queen's University Biological Station](#), north of the city, encompasses 34 km<sup>2</sup> of diverse lands, affording premier learning and research opportunities. Visit [Inclusive Queen's](#) for information on equity, diversity and inclusion resources and initiatives.

### Vaccination Requirements

Prior to May 1, 2022, the University required all students, faculty, staff, and visitors (including contractors) to declare their COVID-19 vaccination status and provide proof that they were fully vaccinated or had an approved accommodation to engage in in-person University activities. These requirements were suspended effective May 1, 2022, but the University may reinstate them at any point.

### How to Apply

The University invites applications from all qualified individuals. Queen's is strongly committed to employment equity, diversity and inclusion in the workplace and encourages applications from Black, racialized/visible minority and Indigenous people, women, persons with disabilities, and 2SLGBTQ+ persons. In accordance with Canadian immigration requirements, Canadian citizens and permanent residents of Canada will be given priority, including any qualified individuals who have a valid legal work status in Canada. Please indicate in your application if you have a valid legal work status in

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Canada. Applications from all qualified candidates will be considered in the applicant pool.

In addition, the impact of certain circumstances that may legitimately affect a nominee's record of research achievement will be given careful consideration when assessing the nominee's research productivity. Candidates are encouraged to provide any relevant information about their experience and/or career interruptions.

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact the Stephen J.R. Smith Faculty of Engineering and Applied Science at [smithengineering.facultyrecruitment@queensu.ca](mailto:smithengineering.facultyrecruitment@queensu.ca).

Those interested in this position should submit a complete application package, including the following documents:

- a cover letter, indicating whether or not you have a valid legal work status in Canada
- a current Curriculum Vitae (including a list of publications);
- a statement of research interests and a statement of teaching interests and experience (including teaching outlines and evaluations if available); and,
- a statement of experience with, and commitment to, facilitation and promotion of Indigenization, equity, diversity, inclusion, anti-racism, and accessibility;
- how their work will strengthen the Engineering for Humanity initiative and,
- Three letters of reference to be sent directly to Dr. Keith Pilkey c/o [smithengineering.facultyrecruitment@queensu.ca](mailto:smithengineering.facultyrecruitment@queensu.ca).

The deadline for applications is **May 31, 2025**, and applications may continue to be reviewed until the position is filled. Applicants are encouraged to send all documents in their application packages electronically as PDFs to Smith Engineering Appointments Committee c/o Dr. Keith Pilkey, Chair at [smithengineering.facultyrecruitment@queensu.ca](mailto:smithengineering.facultyrecruitment@queensu.ca), although hard copy applications may be submitted to:

Dr. Keith Pilkey

Chair, Smith Engineering Appointments Committee

The Stephen J.R. Smith Faculty of Engineering and Applied Science

Room 207, Beamish Munro Hall

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Academic staff at Queen's University are governed by a Collective Agreement between the University and the Queen's University Faculty Association (QUFA), which is posted at [Collective Agreements / LoU's / MoA's | Faculty Relations Office \(queensu.ca\)](#) and at <http://www.qufa.ca>.

**Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**     Smith Engineering Appointments Committee  
Stephen J.R. Smith Faculty of Engineering and  
Applied Science  
Queen's University  
Kingston, ON  
Canada

**Contact E-mail**     smithengineering.facultyrecruitment@queensu.ca