Assistant Professor in Statistics

The Department of Mathematics and Statistics at Queen's University invites applications for a tenure-track appointment at the rank of Assistant Professor in Statistics, with a preferred start date of July 1, 2027.

This posting is to fill an existing vacancy within the University.

Qualifications

Candidates must have a PhD or equivalent degree in statistics or a related field, completed by the start date of the appointment. The main criteria for selection are research and teaching excellence, which should be demonstrated by:

- Evidence of high-quality scholarly output with the potential for independent research leading to peer-assessed publications in high-quality journals and the securing of external research funding. Current areas of research in the Department include sequential analysis, statistical inference (including nonstandard and high-dimensional settings), Bayesian methods, design of computer experiments, time series, statistical learning, and biostatistics. It is expected that a successful candidate will enhance the existing research activities of the Department.
- The potential to become an outstanding teacher at both the undergraduate and graduate levels, and demonstrate an ongoing commitment to academic and pedagogical excellence in support of the department and its programs.
- Demonstrated commitment to advancing **Indigenization, equity, diversity, inclusion, anti-racism, and accessibility (I-EDIAA)** in teaching and research.

The successful candidate will also be expected to make contributions through service to the Department, the Faculty, the University, and/or the broader community.

The diverse backgrounds of applicants and the type of scholarship appropriate to their research areas, as well as the diverse range of scholarly methodologies and ways of measuring impact, will be taken into account when assessing the quality of the scholarly or creative work. Candidates will be evaluated using the principles of the Declaration on Research Assessment (DORA) and with attention to the diverse ways excellence can be demonstrated. The annual salary for this appointment is expected to be between $150,000 and $175,000. Actual salary will be commensurate with qualifications and experience.

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.

Department

The Department of Mathematics and Statistics is home to nearly 30 regular faculty, approximately 10 postdoctoral fellows, about 40 graduate students, and about 450 undergraduate students. As well as research activity in core areas of mathematics and statistics, the Department has collaborations with the Smith Faculty of Engineering and Applied Science and the Departments of Biology and Public Health. Faculty who are active in graduate supervision teach three 1-semester courses per year. Researchers in the Department are recognized internationally for their contributions, and many enjoy collaborations with international researchers. The Department offers a supportive environment for a balance of research, teaching, and scholarly activity.

Institution

From Nobel Prize-winning research exploring the building blocks of the universe to cancer care and treatment to sustainable technologies, Queen's 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 46 Canada Research Chairs, two Canada Excellence 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.

Queen's is in the top 200 of the QS World University Rankings. In 2025, for the fifth straight year, Queen's ranked among the global top 10 in the Times Higher Education (THE) Impact Rankings. THE Impact Rankings, an international ranking of universities that are advancing the UN Sustainable Development Goals within and beyond their local communities. Queen's placed sixth worldwide and first in Canada out of over 2,300 universities in more than 120 countries.

At Queen's University, we are committed to advancing Indigenization, Equity, Diversity, Inclusion, Accessibility, and Anti-Racism (I-EDIAA) as core priorities that shape our workplace and research culture. We recognize that diversity drives innovation, strengthens collaboration, and helps remove barriers so that everyone can thrive. Our eight employee resource groups (ERGs) play a vital role in fostering belonging, amplifying diverse voices, and supporting employees across the university. Faculty and their dependents are eligible for an extensive benefits package that includes 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, and tuition assistance is available for qualifying employees, their spouses, and dependent children. Queen's values families and provides a "top up" to government parental leave benefits for eligible employees on maternity/parental leave, as well as partial reimbursement for eligible daycare expenses. Full details are outlined in the Queen's QUFA Collective Agreement, and more information on employee benefits can be found through Queen's Human Resources.

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 15-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 132,000 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 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^2 of diverse lands, affording premier learning and research opportunities. Visit Inclusive Queen's for information on equity, diversity and inclusion resources and initiatives.

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, Indigenous people, women, persons with disabilities, and 2SLGBTQ+ persons.

We recognize that certain circumstances, including career interruptions, caregiving responsibilities, health conditions, or systemic barriers, may affect a nominee's record of research achievement. Applicants are encouraged to provide relevant information to contextualize their research record.

Queen's is committed to providing support and accommodation for applicants with disabilities at all stages of the recruitment processes. If you require accommodation for submitting your application or during the interview process, please contact Jeananne Vickery in the Department of Mathematics and Statistics, at mathstat.deptmgr@queensu.ca.

Applications from all qualified candidates will be considered in the applicant pool. The successful candidate must be legally eligible to work in Canada at the time of appointment. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens, permanent residents of Canada, and 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 Canada.

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

- a cover letter, including information regarding your eligibility to work in Canada and whether you would require work authorization;
- a current Curriculum Vitae including a list of publications (publications with students should be clearly indicated), awards, grants (secured and pending), and other evidence of scholarly contributions and impact;
- a statement outlining research interests and accomplishments;
- a teaching statement;
- a statement describing your experience with, and commitment to Indigenization, equity, diversity, inclusion, anti-racism, and accessibility (I-EDIAA), including how these principles have informed your teaching, research, and/or other scholarly activities;
- at least four letters of reference, one of which addresses teaching activities.

The deadline for applications is **January 4, 2027**.

As part of the application process at Queen's University, our recruitment process uses Artificial Intelligence (AI), as defined under the Ontario Employment Standards Act, to ask job-related questions and assess suitability for hire. All final hiring decisions are made using non-AI related processes.

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 https://www.queensu.ca/facultyrelations/qufa/collective-agreements-lous-moas and at https://qufa.ca/collective-agreement/.