

Assistant Professor in Waterborne Epidemiology
University of Guelph

Direct Link: <https://www.AcademicKeys.com/r?job=253823>

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Posted Feb. 27, 2025, set to expire Jul. 1, 2025

Job Title	Assistant Professor in Waterborne Epidemiology
Department	Department of Population Medicine
Institution	University of Guelph Guelph, Ontario
Date Posted	Feb. 27, 2025
Application Deadline	Open until filled
Position Start Date	or another mutually agreed-upon date in 2025
Job Categories	Assistant Professor
Academic Field(s)	Public Health/Biostatistics/Epidemiology
Job Website	https://careers.uoguelph.ca/job/Guelph-Assistant-Professor-in-Waterborne-Epidemiology-ON-N1G-2W1/729422747/
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Job Description	

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The Department of Population Medicine within the Ontario Veterinary College at the University of Guelph invites applications for a tenure-track position at the rank of Assistant Professor. This position forms part of a cluster hire and the successful candidate will work closely with others around campus to develop an internationally recognized research program on the surveillance and control of waterborne pathogens and antimicrobial resistance (AMR). The anticipated start date for this appointment is August 1, 2025, or another mutually agreed-upon date in 2025.

A PhD in Epidemiology, Public Health (or equivalent) and a demonstrated track record of research in water-based epidemiological studies and strong quantitative epidemiological skills are required. Experience with waterborne pathogens and/or AMR data analysis and interpretation is desired. Knowledge of molecular subtyping methods for pathogens and/or the determinants of AMR and experience with the mathematical modeling of disease transmission are preferred. Experience in data science, machine learning, or health analytics are considered assets. A DVM would also be considered an asset. The successful candidate will work with the existing Epidemiology faculty team in the provision of undergraduate and graduate epidemiological training and in the development of potential new graduate programs such as Health Informatics.

The successful candidate will have demonstrated strong communications and collaboration skills and will use these skills to develop networks across broad communities of experts, effectively collaborating with faculty from multiple disciplines. This forms part of a cluster hire and the successful candidate will bring their expertise in epidemiology to codevelop an internationally recognized research program on the surveillance and control of waterborne pathogens and AMR. The candidate will be expected to develop a productive, independent, and collaborative research program with other faculty within and outside the department. Departmental research focus includes public health, One Health, epidemiology, health management, and communications. Related peer-reviewed publications and conference presentations and a demonstrated ability to generate research funds to support graduate student training to the MSc, and doctoral levels (PhD or DVSc) will ensure the successful candidate will be an effective faculty member with the Department of Population Medicine.

The University of Guelph resides on the traditional lands and territory of the Anishinaabeg, Haudenosaunee and Huron Wendat. These lands are now home to a rich diversity of First Nations, Inuit and Métis people. We offer our respect and gratitude to our Indigenous neighbours and affirm our

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responsibility to realize our commitments to reconciliation through ongoing action. We are guided in this work by [Bi-Naagward | It Comes into View](#), the Indigenous Initiatives Strategy.

The University of Guelph is the third largest employer in Guelph, a city of over 144,000 people, located about an hour drive west of Toronto, Ontario. University of Guelph is a top-ranked comprehensive university in Canada with an enrolment of more than 30,000 undergraduate and graduate students across more than 40 academic units. The University is known for its commitment to student learning, innovative research, and collaboration with world-class partners. It is a unique place, with transformative research and teaching and a distinctive campus culture. People who learn and work here are shaped and inspired by a shared purpose: *To Improve Life*. Reflecting that shared purpose in every experience connected to our university positions us to create positive change, here and around the world. Our University community shares a profound sense of social responsibility, a drive for international development, and an obligation to address global issues.

Application Process

If you are a current employee of the University of Guelph, you must apply on the internal Career Page to be considered as an internal applicant. [SuccessFactors: Career Opportunities \(sapsf.com\)](#)

Assessment of applications will continue until the position is filled. Interested applicants should create an account on <https://careers.uoguelph.ca/> and apply for the advertised faculty position (**Requisition ID #1177**) by submitting the following materials (in an integrated Single PDF file):

1. a cover letter;
2. a curriculum vitae;
3. a teaching dossier;
4. an EDI statement – 1 page max (*should describe the strategies you plan to use to ensure your research, teaching, and mentorship activities provide equitable opportunities for students from diverse backgrounds and to foster a welcoming and inclusive environment in your courses and research group*) and
5. a list and contact information for three references.

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Applications should be addressed to the attention of:

Todd Duffield, Professor and Chair

Population Medicine, Ontario Veterinary College

University of Guelph

Guelph, ON N1G 2W1

APPLY ONLINE - [Assistant Professor in Waterborne Epidemiology](#)

This position is represented by the University of Guelph Faculty Association?([UGFA](#)).

EEO/AA Policy

The University of Guelph commits to fostering inclusive excellence through promoting Indigenization, equity, diversity, inclusion, and accessibility. Inclusion is a core pillar of [Our Time](#), our strategic plan, which pledges to “transform our human resources, governance and student services and practices across the University to enable us to recruit a diverse student, faculty and staff body and support them in achieving their personal, professional and scholarly goals.” The University commits to creating and maintaining “equitable work environments that empower us in our pursuit of student, faculty and staff success, research excellence, innovation and impact.”

The University of Guelph invites applications from all qualified individuals; however, Canadians and permanent residents will be given priority. We strongly welcome and encourage applications from members of designated groups in employment, including Indigenous persons, persons with disabilities, racialized persons, women, and 2SLGBTQIA+ persons.

The University of Guelph recognizes that career paths can be diverse and career interruptions may occur. We encourage applicants to note in their applications whether they would like considerations

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given to the impact of any circumstances, such as (but not limited to) those due to health and/or family reasons, that may have affected an applicant's record of achievement. You are not required to disclose these circumstances in the hiring process. If you choose to do so, the University will ensure that these circumstances do not negatively impact the assessment of your qualifications for the position.

The University of Guelph is committed to ensuring all applicants have fair and equitable participation in the hiring process. If you anticipate needing accommodations during the recruitment or selection processes, confidential assistance is available on request by contacting Occupational Health and Wellness at 519-824-4120 x52674. If you have any questions regarding accommodations or accessibility during the hiring process or for more information and support, please visit the University's [Occupational Health and Wellness](#) or contact OHW at ohw@uoguelph.ca.

Contact Information

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

Contact Todd Duffield, Professor and Chair
Department of Population Medicine
University of Guelph
Guelph, ON N1G 2W1
Canada

Phone Number 5198244120