

Assistant/Associate Professor in Aquaculture

Ontario Agricultural College
University of Guelph

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of GUELPH

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Position Description

The Department of Animal Biosciences at the University of Guelph invites applications for a tenure-track position at the Assistant or Associate Professor level.

Aquatic animal and plant production by the aquaculture sector has now exceeded the volume and economic value of the global, wild harvest seafood industry. The University of Guelph has a rich history and a longstanding reputation for its many contributions to the aquaculture field, most notably in the areas of fish physiology, production technologies, reproduction, nutrition, health and disease management, genetics, new species development, animal welfare, and policy and regulatory science.

The University of Guelph also operates a world class research centre and quarantine facility in the Alma Aquaculture Research Station, and has additional on-campus research facilities. Importantly, we also have a long-standing institutional obligation to the Ontario Ministry of Agriculture, Food and Rural Affairs to support the provincial and national aquatic farming sectors through research, education and outreach.

Aquaculture development in Ontario is currently a key area of emphasis for the province and university, as it represents a significant growth opportunity for both rural and indigenous communities in the province. Accordingly, the successful candidate is expected to play a continuing role in helping the province realize the potential for growth in this sector.



Applicants must hold a Ph.D. with post-doctoral experience, and have a strong academic background in one or more of the following research disciplines including:

- fish physiology/endocrinology, with a particular emphasis on the interactions between environment and physiological responses of captive fishes;
- environmental impact assessment, including modelling and monitoring technologies to help predict and mitigate the ecosystem effects of aquaculture;
- genetics, especially in the area of molecular genetics and breeding practices which optimize such traits as growth, environmental tolerance, disease resistance and reproductive efficiencies;
- nutritional sciences, specifically precision formulation and modelling, and alternative ingredients that promote long-term sustainability of feeds, or,
- animal welfare, including production, slaughter, breeding and feeding technology effects.

As well, the candidate must have a demonstrated commitment to collaborating with the private sector aquaculture industry, particularly in Ontario and Canada. Strong skills in research planning, financial management, capital project development, and public communication are essential.

The successful candidate is expected to have a strong and active research track record, evident by high-quality, peer-reviewed publications. The candidate should show potential for pursuing research funding, both individually and collaboratively and to engage in research that complements, and collaborates with, other faculty members in the department,

college, and across the University. The individual will also be responsible for teaching undergraduate and graduate students.

The Department of Animal Biosciences (ABSc) is a research-intensive department with successful programs for graduate and undergraduate students. The disciplines in ABSc include: nutrition, physiology, behaviour and welfare, breeding, genetics and genomics, growth and development, and meat science. As part of the Ontario Agricultural College (OAC), ABSc has a long history of achievements in serving the agriculture and agri-food industries within Ontario and beyond.

Application Process

Assessment of applications will begin on **July 31, 2019** and will continue until the position is filled. Interested applicants should submit the following materials (preferably as a single PDF file): (1) a cover letter; (2) a curriculum vitae; (3) statement of research interests and teaching philosophy; and (4) the names of three persons who will serve as references. Applications should be sent to the attention of:

Dr. E. James Squires, Professor and Chair
Department of Animal Biosciences
University of Guelph
Guelph, ON N1G 2W1
Email: jsquires@uoguelph.ca

All qualified applicants are encouraged to apply; however, Canadians and permanent residents will be given priority.

The University recognizes that applicants may have had obligations outside of work that have negatively impacted their record of achievements (e.g., parental, elder care, and/or medical). You are not required to disclose these obligations in the hiring process. If you choose to do so, the University will ensure that these obligations do not negatively impact the assessment of your qualifications for the position.

UNIVERSITY OF GUELPH

The University of Guelph is the second-largest employer in Guelph, a city of approximately 130,000 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 about 30,000 undergraduate and graduate students across over 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.

The University of Guelph resides on the ancestral lands of the Attawandaron people and the treaty lands and territory of the Mississaugas of the Credit and we offer our respect to our Anishinaabe, Haudenosaunee and Métis neighbours as we strive to strengthen our relationships with them.

At the University of Guelph, fostering a culture of inclusion (<http://bit.ly/2yVClqd>) is an institutional imperative. The University invites and encourages applications from all qualified individuals, including from groups that are traditionally underrepresented in employment, who may contribute to further diversification of our Institution.

If you require a medical accommodation during the recruitment or selection process, please contact Occupational Health and Wellness at 519-824-4120 x52674.

Learn more: www.uoguelph.ca/facultyjobs



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