Faculty Positions

Position Title / Rank: Assistant Professor in Animal Physiology
College: College of Biological Science
Department: Integrative Biology
Deadline: October 5, 2022 or open until a suitable candidate is found
Please reference AD #22-62

Position Description:

The Department of Integrative Biology at the University of Guelph invites applications for a tenure-track position at the Assistant Professor level in the area of comparative animal physiology.

The successful candidate may employ field and/or lab-based experiments to study the cellular and physiological mechanisms responsible for enabling animals (marine, freshwater, terrestrial) to adapt to, or survive in, changing or challenging environmental conditions. The research area should complement that of existing faculty in the IB physiology group whose expertise bridges endocrinology, environmental toxicology, neurobiology, stress physiology, developmental biology, comparative biochemistry, and adaptational physiology in a range of species and habitats.

In addition, applicants whose focus would make use of existing facilities (e.g., Hagen Aqualab) or expand our research expertise into underrepresented areas (e.g., invertebrate physiology, evolutionary physiology) would be well regarded. Qualified applicants must hold a Ph.D., and relevant postdoctoral experience in physiology will be required, along with evidence of strong potential to establish a productive, externally-funded, research program, including supportive, valuable mentorship of graduate students. Applicants must also demonstrate a commitment to effective and innovative teaching at the undergraduate level and be able to contribute to teaching in areas such as general biology, physiology, and/or courses in vertebrate or invertebrate biology. More specifically, applicants may contribute to teaching in any of our majors (e.g., Marine and Freshwater Biology, Zoology, Biodiversity, Wildlife Biology & Conservation) as well as experiential learning opportunities.

The Department of Integrative Biology is in the College of Biological Science, a vibrant and exciting center for discovery-based research that regularly brings in funding in excess of 20M per annum. The successful candidate will be joining a dynamic, multidisciplinary department with 37 faculty and an excellent record for research in physiology, evolutionary biology, ecology, conservation biology, and biodiversity, encompassing a wide range of taxa and levels of biological organization from molecules to ecosystems. The successful candidate will have access to a variety of sophisticated lab facilities such as the Advanced Analysis Centre, the Hagen Aqualab, and Limnotron, as well as several field stations.
In the Department of Integrative Biology, we value diversity and inclusivity because we know that diversity in experiences and perspectives is vital to advancing innovation, critical thinking, complex problem solving, and the creation of a modern, representative academic community. The Department actively fosters a culture that is positive, collegial, and respectful of all members, and in which wellness and healthy work-life balance are valued along with (and indeed, contribute to) excellence in research and teaching. To support an inclusive and vibrant departmental culture, the Department maintains standing committees focused on Equity, Diversity, and Inclusion and Mental Health and Wellness and has developed specific recommendations (http://www.uoguelph.ca/ib/Faculty_Hiring) for faculty hiring that incorporate these important issues. The Department of Integrative Biology has an EDI statement (https://www.uoguelph.ca/ib/EDI_Statement).

The University of Guelph is a top-ranked comprehensive university in Canada with an enrolment of more than 30,000 undergraduate and graduate students across over 40 academic units and three campuses (Guelph, Ridgetown, Guelph-Humber). 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

Assessment of applications will begin on October 5, 2022 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) research statement; (4) teaching statement; (5) diversity statement, (6) names and contact information of three references.

The research statement (2 pages max) should present a vision of the long-term goals of the research program as well as several short-term goals (e.g., 1-2 examples of graduate students’ projects that could be completed within a five-year time frame). The teaching/mentorship statement (2 pages max) should describe an overall teaching and mentorship philosophy, provide examples of specific teaching strategies that have been used effectively in previous courses, summarize potential teaching contributions in the department, and include examples of graduate student mentorship. The diversity 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.

Applications should be sent by email to ibsearch@uoguelph.ca, to the attention of:

Dr. Amy Newman
Associate Professor and Department Chair
Integrative Biology
College of Biological Science
University of Guelph
Guelph, On N1G 2W1

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.

The University of Guelph, Ridgetown Campus, would like to acknowledge the Anishinaabe and Leni-Lunape ancestors of this territory on which the Ridgetown Campus resides. We offer our respect to the First Nations, Métis and Inuit peoples who live on the territory today and acknowledging them reminds us of our important connection to this land where we learn and work.
At the University of Guelph, fostering a culture of inclusion (https://www.uoguelph.ca/diversity-human-rights/sites/uoguelph.ca.dhr/files/public/Inclusion%20Framework%20Endorsed%20April%20202017.pdf) 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.