Tenure-Track Faculty Position

Assistant Professor in Poultry Microbiome

Faculty: Faculty of Agricultural and Environmental Sciences

Department/School: Department of Animal Science

Position Description
The Department of Animal Science at McGill University invites applications for a tenure-track position at the level of Assistant Professor in Poultry Microbiome. The microbiome contributes to several aspects of host health and fitness. Being an important animal protein source, poultry are an ideal target for research in this area. The poultry industry can benefit from both the study of microbiota and their manipulation for better physiological outcomes. The candidate is expected to develop research lines in the area of synthetic gut ecology concerning species interactions, gut metabolism or microbiota modulation strategies for sustainable poultry production addressing growth rate, feed conversion efficiency, meat quality and poultry welfare. McGill’s Department of Animal Science has solid links with livestock industry and is equipped with an array of laboratories as well as equipment to carry out research in the areas of nutrition, reproduction, health and welfare and food safety. The Donald McQueen Shaver Poultry Complex is situated directly on Campus and offers exceptional opportunities for microbiome studies as well as production management. The current strengths of the department in the areas of animal physiology, welfare, molecular biology, reproductive biotechnology, microbiology, bioinformatics, data analytics, genetics and nutrition provide an excellent complementarity for microbiome research in poultry.

Job Duties
In addition to maintaining an active research program, the successful candidate will teach undergraduate courses in the areas of sustainability, nutrition, production systems and microbiome sciences in food animals including poultry, as well as graduate courses that are commensurate with the candidate’s research area. The candidate is expected to develop an externally funded research program to advance poultry-production science and train highly qualified personnel. The successful applicant is also expected to participate in all aspects of McGill’s academic mission (i.e. teaching, graduate student supervision, mentorship, and involvement in academic and administrative committees).

Qualifications and Education Requirements
The successful candidate must hold a Ph.D. in a field associated with poultry production and microbiome. Postdoctoral experience, with a track record of research excellence, is required. The ideal candidate will have a strong background in poultry production, microbiome, nutrition, production efficiency,
sustainability, Canadian poultry industry, animal science and/or related fields. Eligibility for membership in the Ordre des agronomes du Québec (OAQ), ability to communicate in French and prior experience with the Canadian agricultural and agri-food industry are highly beneficial.

**JOB DETAILS**

<table>
<thead>
<tr>
<th>Job Classification:</th>
<th>Tenure-track</th>
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<tr>
<td>Rank:</td>
<td>Assistant Professor</td>
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<td>Job Status:</td>
<td>Full-time</td>
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<td>Salary:</td>
<td>Commensurate with qualifications and experience</td>
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<td>Application Deadline:</td>
<td>Application deadline is January 31, 2020 or until position filled.</td>
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**APPLICATION PROCESS**

Applications must be submitted to: position.faes@mcgill.ca

The following supporting documents are required:

- A cover letter and curriculum vitae
- A statement of research
- A statement of teaching philosophy
- The names and contact information of three referees.

**Commitment to Equity and Diversity**

McGill University is committed to equity and diversity within its community and values academic rigour and excellence. We welcome and encourage applications from racialized persons/visible minorities, women, Indigenous persons, persons with disabilities, ethnic minorities, and persons of minority sexual orientations and gender identities, as well as from all qualified candidates with the skills and knowledge to engage productively with diverse communities.

At McGill, research that reflects diverse intellectual traditions, methodologies, and modes of dissemination and translation is valued and encouraged. Candidates are invited to demonstrate their research impact both within and across academic disciplines and in other sectors, such as government, communities, or industry.
McGill further recognizes and fairly considers the impact of leaves (e.g., family care or health-related) that may contribute to career interruptions or slowdowns. Candidates are encouraged to signal any leave that affected productivity, or that may have had an effect on their career path. This information will be considered to ensure the equitable assessment of the candidate’s record.

McGill implements an employment equity program and encourages members of designated equity groups to self-identify. It further seeks to ensure the equitable treatment and full inclusion of persons with disabilities by striving for the implementation of universal design principles transversally, across all facets of the University community, and through accommodation policies and procedures. Persons with disabilities who anticipate needing accommodations for any part of the application process may contact, in confidence, this email or phone at 514-398-2477.

All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadians and permanent residents will be given priority.

(November 11, 2019)