

Tenure-Track Faculty Position in Food Engineering – Food Bioprocess Engineering

Numéro d'offre

13783

Job posting period

January, 26 to May, 31 2024

Workplace

Faculty of Agriculture and Food Sciences
Department of Soil Science and Agrifood Engineering

General information

A privileged living environment in the heart of Quebec City and the first French language university in North America, Université Laval is a major university open to the world and recognized for its culture of excellence in teaching and research.

The Department of Soil and Agrifood Engineering invites applications for a regular professor position in the following field: Food engineering – Food bioprocess engineering.

The Department is made up of a team of 20 professors who supervise approximately 500 undergraduate students and around 100 graduate students. The Department offers several study programs of undergraduate degrees, including food engineering and agro-environmental engineering, agronomy, and at the graduate degree in agri-food engineering and in soil and environmental sciences.

Job Description

1. Develop, participate and teach courses on food engineering – food bioprocess engineering at the level of the three training cycles.
2. As part of their academic activities, the incumbent will be required to develop an original research program focusing on the development of a detailed understanding in food engineering – food bioprocess engineering.
3. Supervise (supervise and co-supervise) Masters and Ph.D. students.
4. Participate in the supervision of undergraduate students.
5. Contribute to the promotion of research activities in the field of food engineering – food bioprocess engineering.
6. Participate in the life of Université Laval.

Selection criterias

The selected person must hold a Ph.D. (doctorate or its equivalent) in the field of food engineering, chemical engineering, process engineering, bioprocess engineering, bioresource engineering or in a related field with the requirement to hold an undergraduate degree in engineering.

Being a member (ing.) of the Ordre des ingénieurs du Québec (OIQ) or an Order of engineering of Canada or eligible to become a member, and in this case to demonstrate it and to commit to becoming a member in good standing within three years of hiring.

Candidates who fit the description and meet the qualifications of the position will be selected based on the following criterias:

1. Publications file with a desirable minimum of three relevant articles published over the last five years in peer-reviewed scientific journals.
2. Relevant work experience (research, teaching) in the field of food engineering, food bioprocess engineering, bio-fermentation, bioreactors, biosensors or enzymology.
3. Demonstrate the ability to teach graduate and undergraduate courses in French.
4. Having completed a postdoctoral fellowship or having proven experience in academic and/or industrial research is an asset.
5. Able to integrate training programs related to the food engineering under the department of soil science and agrifood engineering.
6. Willingness to collaborate with the University's pedagogical services to prepare quality teaching (several modes of teaching: in class, hybrid, distance learning).
7. Take charge of the course entitled Propriétés des aliments (Aliment properties) and set up a new undergraduate course in the field of bioreactors and bio-fermentation and contribute to other courses in food engineering. The integration of notions of modelling and artificial intelligence applied to the field in this new course would be an asset.
8. Willingness to integrate into the research network in the field of the position sought.

Hiring and treatment**Conditions**

Salary according to the current collective agreement.

Candidature

Application deadline: May, 31 2024

Job starting date: Autumn 2024

The complete application file must be submitted to the attention of the department director by email to: directionSGA@fsaa.ulaval.ca.

- A detailed curriculum vitae.
- Transcripts (undergrad and graduate degrees).
- A letter of introduction (maximum three pages) highlighting your qualifications in the field of food engineering – food bioprocess engineering, your vision for developing your field of research and describing your motivations for exercising the function of professor as well as your three major contributions since the last five years.
- Three (3) scientific articles recently published or accepted in peer-reviewed journals in the research field of the position to be filled.
- Three (3) reference letters directly from the signatories, attesting to your skills in the field of food engineering – food bioprocess engineering sent by email to: directionSGA@fsaa.ulaval.ca.

Valuing equity, diversity and excellence, Université Laval is strongly committed to provide an inclusive work and living environment for all its employees. For Université Laval, diversity is a source of wealth, and we encourage qualified individuals of all origins, sexes, sexual orientations, gender identities or expressions, as well as persons with disabilities, to apply.

Université Laval also subscribes to an equal access to employment program for women, members of visible or ethnic minorities, Aboriginal persons and persons with disabilities. Adaptation of the selection tools can be offered to persons with disabilities according to their needs and in complete confidentiality. In accordance with Canadian immigration requirements, priority will be given to qualified individuals with Canadian citizenship or permanent residency.