

**FACULTY POSITION IN BIOCHEMICAL ENGINEERING  
(BIOPROCESSES)  
Université Laval**

Direct Link: <https://www.AcademicKeys.com/r?job=248016>

Downloaded On: Oct. 31, 2024 11:29pm

Posted Oct. 31, 2024, set to expire Mar. 4, 2025

<b>Job Title</b>	FACULTY POSITION IN BIOCHEMICAL ENGINEERING (BIOPROCESSES)
<b>Department</b>	Chemical Engineering <a href="http://www.gch.ulaval.ca">http://www.gch.ulaval.ca</a>
<b>Institution</b>	Université Laval Quebec, Quebec
<b>Date Posted</b>	Oct. 31, 2024
<b>Application Deadline</b>	Jan. 8, 2025
<b>Position Start Date</b>	Aug. 1, 2025
<b>Job Categories</b>	Assistant Professor Associate Professor Professor
<b>Academic Field(s)</b>	Bioengineering (all Bio-related fields) Engineering - Other Chemical/Petroleum
<b>Apply By Email</b>	<a href="mailto:frej.mighri@gch.ulaval.ca">frej.mighri@gch.ulaval.ca</a>
<b>Job Description</b>	

**WORKPLACE**

UNIVERSITÉ LAVAL

FACULTY OF SCIENCE AND ENGINEERING

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Department of Chemical engineering

### GENERAL INFORMATION

More than a school, Université Laval is an entire community in the heart of Quebec City, a complete university recognized for its culture of excellence both in teaching and in research.

### JOB DESCRIPTION

The Department of Chemical Engineering of the Faculty of Science and Engineering at Université Laval is seeking applications for a tenure-track appointment at the rank of Assistant, Associate, or Full Professor. The successful candidate will be required to teach at the undergraduate and graduate levels, contribute fairly to departmental or institutional committee administrative activities, supervise graduate students, and undertake a vigorous research program in the field of biochemical engineering with expertise in the production of biopharmaceutical products in at least one of the following targeted areas: expression system design (improvement of microbial strains and animal cells through genetic engineering), intensified processes for the production of biological products through cell or fermentation culture (e.g., recombinant proteins, antibodies, vaccines, plasmids); bioproduct purification processes; technologies for the analysis and control of bioprocesses and bioproduct quality (PAT).

### SELECTION CRITERIA

- Hold a bachelor's degree and a Ph.D. in chemical engineering or in equivalent fields.
- **Be a member of the 'Ordre des ingénieurs du Québec (OIQ)'** or eligible for membership.
- The selected candidate must also be capable of teaching several courses in the undergraduate chemical engineering program. Both academic and industrial experiences will be considered during the selection process.
- Demonstrate an ability to conduct and develop university-level research, as well as the relevance of the proposed research program.
- Show excellent ability and interest in working within multidisciplinary teams.
- Demonstrate the ability to integrate harmoniously into the university environment, particularly within departmental life.
- The candidate must demonstrate relevant professional potential in connection with the eight (8)

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key competencies required for the professorial role: 1) Analysis, synthesis ability, and judgment. 2) Creativity and innovation. 3) Communication skills\*. 4) Interpersonal skills and openness. 5) Ability to work in a team and with partners. 6) Autonomy and sense of responsibility. 7) Sense of ethics and duty. 8) Mentoring of individuals.

\*The courses are conducted in French. The candidate must be able to communicate effectively in both written and spoken French or demonstrate an ability to integrate well and communicate within the francophone context of the institution (within a reasonable timeframe). Université Laval nevertheless offers various ways of learning and improving French for non-francophone candidates.

### HIRING AND TREATMENT

#### Conditions

Salary according to the current collective agreement.

### ADDITIONAL INFORMATION

Applications examination will start on January 13, 2025, and will continue until the position is filled.

### APPLICANTS

Job starting date: From august 1<sup>st</sup>, 2025.

Interested individuals wishing to submit their application must send the following documents (in PDF format) by email to the attention of Frej Mighri, Head of the Department of Chemical Engineering ( [frej.mighri@gch.ulaval.ca](mailto:frej.mighri@gch.ulaval.ca)):

- a cover letter
- a curriculum vitae
- a description of the intended research program
- three reference letters

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**EEO/AA Policy**

Valuing diversity, Université Laval encourages all qualified individuals to apply, particularly women, visible and ethnic minorities, aboriginal persons, and persons with disabilities, but priority will be given to Canadian citizens and Canadian permanent residents.

**Contact Information**

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

**Contact** Frej Mighri  
Chemical Engineering  
Université Laval  
1065 Avenue De La Médecine  
Quebec, QC G1V 0A6  
Canada

**Contact E-mail** frej.mighri@gch.ulaval.ca