

DESCRIPTION OF POSITION N° 64949
FACULTY POSITION IN DIGITAL ARCHITECTURE AND FABRICATION

Reference Number

64949

Application deadline

September 15, 2021

Institution

Laval University School of Architecture (EAUL), Faculty of Planning, Architecture, Art and Design (FAAAD)

About the School of Architecture and Quebec City

Situated in the heart of the fortified Old City of Quebec, a UNESCO world heritage site, the Laval University School of Architecture welcomes more than 500 local and international students. Its five programs, at the undergraduate, graduate and doctoral levels, contribute to the advancement of architectural knowledge and practice within one of the most important research universities in Canada, home to nearly 1300 professors and 46,000 students.

Quebec City is renowned for not only for its heritage as one of the earliest European settlements in North America and its vibrant contemporary Francophone culture, but also for its proximity to the great outdoors and its dynamic economy, its avant-garde technology industry, and its sports and cultural events.

Description of the Position

We invite applications from individuals with a strong profile in the teaching and researching of digital architecture and fabrication. Applicants should be able to demonstrate:

- Advanced knowledge of the “digital” in architecture, from its historical roots in complementary disciplines to its importance in the theory and practice of architecture.
- A mastery of state-of-the-art tools and instruments, for example: generative and parametric design, digital manufacturing and fabrication, 3D printing, Big Data and machine learning, and robotics.
- A capacity to bridge academia and industry and to develop real-world applications or collaborations with industrial partners that will transform not only architectural practice but its relationships with suppliers and manufacturers.

The candidate’s teaching, research and architectural design activities should showcase concrete outcomes and applications of the diversity of their expertise.

The successful candidate will teach history-theory courses and design studios, supervise graduate design thesis students, participate actively in the life and the running of the school, promote its activities internationally and contribute to the evolution of its graduate and undergraduate programs.

Responsibilities

- Teaching and supervising students at the undergraduate, graduate and doctoral levels in digital architecture and fabrication as well as in related fields.
- Research or Design-Research and publication in the candidate’s field of expertise.
- Participation in teaching and administrative activities of the School of Architecture and the University.
- Participation in external activities that promote the School of Architecture and the University and develop partnerships in the academic, scientific and professional communities as well as in industry.

Selection criteria:

- A completed or soon-to-be-completed doctoral degree.
- A professional degree in architecture.
- Registration with a professional association of architects is ideal, but not a requirement.
- Experience in multidisciplinary collaborations grounded in a deep knowledge of the historical and theoretical sources of the “digital” and its importance in the theories and practices of architecture.
- Relevant experience in university teaching, particularly in architecture studios in digital architecture and fabrication or related fields.
- A strong record of publishing and communicating their research or projects in digital architecture and fabrication.
- The ability to obtain funding in research or design-research in digital architecture and fabrication.
- Peer recognition for work in the field of digital architecture and fabrication (awards, publications, grants and fellowships, etc.)
- Mastery of the French language or a commitment to quickly reach the level of proficiency required by the position.

Conditions

- Regular full-time position
- Salary according to the collective agreement in effect at Laval University (in French):
<https://www.rh.ulaval.ca/personnel-enseignant-et-de-recherche/professeurs/conventions-collectives>

Application instructions

Applications must include: a letter of intent that presents the candidate’s teaching philosophy and proposed research program, as well as the reasons for relocating to Quebec City; a complete curriculum vitae; a portfolio of relevant work in practice, teaching or research; contact information for three references.

Please send your application in PDF format by email only to **direction@arc.ulaval.ca**

Application deadline: September 15, 2021

Expected start date: June 1, 2022

Laval University values diversity and invites all qualified candidates to apply, especially women, visible and ethnic minorities, Aboriginal people and people with disabilities. However, priority will be given to candidates with Canadian citizenship or permanent resident status.