# Mario-Fafard Scholarship

Encourager les femmes en recherche dans le domaine de l'aluminium

## Scholarship objective

While the presence of women in the field of metallurgy is growing, their representation remains relatively low. Within the REGAL strategic group, in 2022, women members accounted for 25% of the REGAL student community, 14% of collaborators and 14% of co-researchers.

Since 2022, REGAL has been committed to taking concrete steps to increase the number of women among its student members. One of these initiatives is to encourage new candidates to enroll in graduate studies (doctorate and master's degree with a thesis) about aluminium by making them eligible for a $2,000 scholarship.

## Value

Two $2,000 scholarships

## Disciplines and universities involved

- ✓ Member universities of the Centre de recherche sur aluminium - REGAL: Université Laval, Université de Sherbrooke, Université du Québec à Chicoutimi, McGill University, Concordia University, École de technologie supérieure, Polytechnique Montréal.
- ✓ All engineering graduate programs.

## Eligibility requierements

- ✓ Be a woman or a person who identifies with gender plurality;
- ✓ Be admitted to a graduate program in one of the REGAL member universities in one of the three sessions of the 2024 academic year;
- ✓ Have started a research project promoting aluminium;
- ✓ Be supervised by a co-researcher REGAL member

## Selection criteria

- ✓ Application form (70 %) to :
  - Show your past commitments in the community and/or with women
  - Describe your career plan and your vision of the place of women in the aluminium sector
  - Detail your solutions to address the challenges regarding the low female presence in the aluminium sector

- ✓ Academic record (30%): The candidate must have obtained an overall average of at least 3.0/4 or 3.2/4.3 for the last diploma obtained.

## Allocation

- ✓ The scholarship will be awarded in full in the Winter 2025 trimester.
- ✓ The candidate who receives the scholarship will commit to implementing an action plan to promote women in the aluminum sector with the help of the Centre's management team.

## Submit your application

To enter the competition, submit your application by e-mail no later than **January 15, 2025** to: valerie.harvey@gmn.ulaval.ca

The selection committee will meet in Winter 2025.

## Required documents

- ✓ Duly completed Application Form.
- ✓ A copy of your curriculum vitae.
- ✓ A copy of your most recent transcript.

# Mario Fafard



Dr. Mario Fafard obtained his doctorate in 1987 from Université Laval, in collaboration with the Université de technologie de Compiègne (France). Prior to that, UL had awarded him a bachelor's degree in civil engineering (1982) and a master's degree (1984). For 31 years, Université Laval benefited from his presence as a professor, where his expertise, interpersonal skills, rigor and leadership were greatly appreciated by the hundred or so graduate students he supervised, by the thousands of students who took his courses and by the research professionals under his responsibility. He also held an NSERC Industrial Research Chair, whose partner was Alcoa.

The founding and management of the REGAL Aluminium Research Centre were highlights of his career. Indeed, in 2006, following the initiative of Professors André Charrette and Rung Tien Bui (UQAC), he was able to gather the necessary resources so that the center could evolve into a FRQNT Strategic Group whose researchers all have expertise related to aluminium. He was director of the Aluminum Research Centre – REGAL until 2018. Thanks to his sustained efforts and remarkable vision, he enabled the continued growth of REGAL, which is now recognized worldwide. REGAL now brings together 37 researchers from seven Canadian universities and a college, more than 150 students and has more than 40 collaborators.

Dr. Fafard's main research interests have focused on the areas of advanced numerical modeling of the aluminium electrolysis cell and thermomechanical testing of high-temperature refractory materials. He is now a visiting professor at Université Laval and a consultant for AluQuébec, Quebec's aluminium cluster.

## CONTRIBUTORS

### PUBLIC AND PRIVATE



### INDIVIDUALS

Houshang Alamdari
Mario Fafard