



Canadian Foundation for Food and Agricultural Education (CFFAE) Dr. Karl C. Ivarson Scholarship for Students in Soil Science and Related Studies

2020 Guidelines

Application deadline is 11:59 pm EDT, May 27, 2020

Purpose and Background

Dr. Karl C. Ivarson worked as a soil scientist with Agriculture Canada in the Soil Research Institute, Soil Biochemistry Section. In 1978 he was transferred to the Chemistry and Biology Research Institute where he researched and resolved many problems of the effect of microbial activity on mineral transformations in soils.

Dr. Ivarson created the Dr. Karl C. Ivarson Scholarship in 2005 to support students pursuing studies in soil sciences in Canada. The first scholarships were awarded in the 2006/2007 academic year.

Objective

To provide financial support to students entering second or subsequent years of graduate studies in soil science (agriculture, agro-ecology, resource management, environment, geology or other related disciplines) at a recognized Canadian university. In 2019, one scholarship of \$2,000 will be offered.

Tenure

The scholarship is tenable for full-time study in the 2019-20 academic year at any recognized Canadian university.

Eligibility

- Candidates must hold Canadian citizenship or Permanent Resident status in Canada.
- Candidates must be registered full-time in a masters or doctorate program in the area of soil science (agriculture, agro-ecology, resource management, environment, geology or other related disciplines).
- Candidates must be enrolled in their graduate program until at least one semester beyond the application deadline (May 27, 2019).
- Previous recipients of this scholarship are not eligible for subsequent awards.

Selection Criteria

Selection of scholarship recipients will be based solely on information provided as part of the application. No restrictions are placed on scholarship applicants holding other grants or awards or receiving assistance or income from other sources.

Scholarships are awarded using the following criteria, not listed in order of importance:

1. Academic Achievement
2. Areas of Study
3. Leadership
4. Career Interests
5. Letters of Recommendation

Note: Successful scholarship recipients will be required to agree to ongoing occasional follow up from CFFAE to assist us in assessing short and long term impact of the scholarship.

Ranking Based on Selection Criteria (100 points total)

Part 1 Academic Achievement (25 points total)

Academic Score

Undergraduate GPA score x 3.5 = number of points (*15 points maximum*) or Percentage x 15 = number of points

Honours/Achievements

Honours or achievements reported (*10 points maximum*)

Part 2 Areas of Study (25 points total)

Course Relevance

Undergraduate and post-graduate courses directly related to soil and related sciences (*20 points maximum*)

Scholarship Relevance

Applicant demonstrates awareness of and shows relevance of courses taken to scholarship objectives (*5 points maximum*)

Research Focus

Succinct description of research focus and objectives.
(*No points, for information purposes only*)

Part 3 Community Involvement (20 points total)

Personal Development

How applicant sees his/her experience, attitude and importance of community service in his/her personal development and future career interests. 2 points for each different role/community service experience reported (*8 points maximum*)

Scholarship Relevance

Additional points credited if different leadership roles/community service are directly related to soil and related sciences (*8 points maximum*)

Leadership

Additional points credited if role is as project leader; 0.5 additional points credited if role is as project organizer or project assistant (*4 points maximum*)

Part 4 Career Interests (20 points total)

Work Experience

Work experience directly related to soil and related sciences (*5 points maximum*)

Goals Developed

Stated skills the Applicant has developed as part of the career experience (*3 points maximum*)

Goals Achieved

Achieving the stated goals and for describing the level of achievement on the stated goals (*4.5 points maximum*)

Skills Developed

Stated skills the Applicant has developed as part of the career experience (3 points maximum)

Future Goals

Complete description of the Applicant's future personal, educational and career goals for the next ten years (4.5 points maximum)

Part 5 Other (10 points total)

Communication Skills

Application is well organized, clearly written, concise and addresses selection criteria (2 points maximum)

Recommendations

Letters of reference (up to 3) provided (8 points maximum)

Administration of the Dr. Karl C. Ivarson Soil Sciences Scholarship

The Dr. Karl C. Ivarson Soil Sciences Scholarship is administered by the Canadian Foundation for Food and Agricultural Education through its Education and Scholarship Committee.

How to Apply

Complete the Dr. Karl C. Ivarson Soil Sciences Scholarship application in full. All questions must be answered completely. **Compile all parts of the application and supporting documents into one pdf file before submission (online resources, such as ilovepdf.com, are available to merge pdf documents).**

Official transcripts from all post-secondary institutions and a letter from the university confirming enrolment in your current program are required to be submitted in support of the application by the deadline (11:59 pm EDT, May 27, 2019). Transcripts can be opened and sent with your application.

Applications must be submitted electronically to jim@cffae.ca.

Reference letters (using the form provided on the CFFAE website) must be sent directly by the referee to jim@cffae.ca.

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