



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

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### 2018 Guidelines

**Application deadline is 11:59 pm, May 25, 2018**

#### **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 (in the areas of agriculture, agro-ecology, resource management, environment, geology or other related disciplines) at a recognized Canadian university. In 2018 there will be one scholarship of \$2,000 offered.

#### **Tenure**

The scholarship is tenable for full-time study in the 2018-19 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 25, 2018).
- 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 on the following basis but not necessarily placed 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*

i.e. 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 application to scholarship objectives (*5 points maximum*)

### **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. Applications must be submitted electronically to [manager@cfae.ca](mailto:manager@cfae.ca).

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 (May 25, 2018). Transcripts can be opened and sent with your application.

Reference letters (using the form provided on the CFFAE website) must be sent directly by the referee to [manager@cfae.ca](mailto:manager@cfae.ca).

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