

# PAUL AND HELEN TRUSSELL SCIENCE & TECHNOLOGY SCHOLARSHIP

## Program Guidelines

### The Endowment

The Trussell Science Student Endowment Fund was established in 1990 with an endowment of \$100,000 from Dr. Paul C. Trussell and Mrs. Helen Trussell, matching funding from the Province of British Columbia and a contribution from the Vancouver Foundation. The Paul and Helen Trussell Science and Technology Scholarship was established in 1990 using proceeds from the fund. The endowment fund is managed by the Vancouver Foundation and the BC Innovation Council manages the scholarship program.

#### About Dr. and Mrs. Trussell

Paul C. Trussell matriculated from Trail High School in 1934 and was awarded the Cominco Scholarship which financed his undergraduate studies at The University of British Columbia. He received his Bachelor Degree in Agriculture and between 1938 and 1940 he worked on a meteorological investigation of the smelter fumes in Trail. He then pursued graduate studies at the University of Wisconsin where he received his Masters and Doctoral degrees in Agricultural Bacteriology and Biochemistry.

From 1944 to 1980, Dr. Trussell was very active in applied research, first in the pharmaceutical industry and then from 1961 to 1980 as Director of BC Research. Through his involvement in patented discoveries, a number of high-technology companies formed that are still operating in British Columbia today.

While a graduate student at the University of Wisconsin, Paul met and married Helen. They have two sons: Devin, who has a Doctorate of Engineering in Geophysics from the University of California, Berkeley; and Rick, who has a Doctorate in Clinical Psychology from the University of Utah. Dr. Trussell passed away in the spring of 2001 in his 85<sup>th</sup> year.

### The Scholarship

The Paul and Helen Trussell Science and Technology Scholarship is intended to support a promising student from the Kootenay-Boundary region pursuing studies in natural or applied sciences leading to a career in applied and industrial research. It is expected that this scholarship will help the student to develop the skills to meet the challenges of a growing knowledge-based economy in BC and Canada.

The scholarship is valued at \$20,000, payable at \$5,000 annually and renewable for a maximum of three additional years. Scholarships will be awarded annually on a competitive basis to students entering the penultimate (second to last) undergraduate year at a British Columbia or Alberta university. The scholarship will be tenable for the last two undergraduate years and for the first two graduate years.

### Application

The following application forms must be submitted for a student to be considered for the scholarship. The forms are described on the attached pages and are included in this package together with program guidelines and terms and conditions of the award. The guidelines and applications forms can also be obtained from the BC Innovation Council office or downloaded from the BC Innovation Council website at <http://www.bcic.ca>.

Form 1.0 Student Information  
Form 2.0 Reference

## Deadline

Applications must arrive at the BC Innovation Council by **4:30 p.m. on Monday, May 31, 2010**. The deadline is for receipt of applications, not the postmark. The winner of the scholarship will be announced by August 1, 2009.

BC INNOVATION COUNCIL

[www.bcic.ca](http://www.bcic.ca)

The BC Innovation Council (BCIC) is the lead provincial government organization charged with advancing innovation and commercialization in British Columbia. BCIC is focused on accelerating the growth of the province's science and technology communities and competitively positioning British Columbia in the global science and technology economy in order to provide significant employment opportunities and a high standard of living for British Columbians. BCIC administers the Paul and Helen Trussell Science and Technology Scholarship on behalf of Trussell Family.

## FORM 1.0 STUDENT INFORMATION (to be completed and submitted by applicant)

### 1.1 Contact Information

### 1.2 Career Statement

#### Enclose Statement

Max. 500 words / 2 pages

Provide an essay in letter format and address it to the members of the Trussell Scholarship Committee. Discuss who you are as a person, your interest in the scholarship and a science and technology career. Describe your education and career goals and your plans to achieve them. Include relevant experiences and major achievements to date. This is an opportunity to convey your personal and academic background, interests, strengths and future plans to the committee. Due to the high academic qualifications of most applicants, this category often becomes the deciding factor in selecting an award recipient.

### 1.3 Resume

#### Enclose copy of resume

The resume will provide an introduction to and outline of your academic and non-academic experience and achievements. Include any specific education-based or extracurricular programs, courses and exams taken, workshops and events attended, non-academic awards received paid or volunteer work, and other relevant experiences.

### 1.4 Academic Record

#### Enclose official transcripts

Provide official sealed transcripts for all current and previous undergraduate programs in which you have been enrolled; and include a separate page describing the marking scheme used at each institution attended.

### 1.5 Academic Awards and Scholarly Publications

List in chronological order, starting with the most recent: all academic awards applied for and received, or won through competition in undergraduate studies or during high school (include scholarships, prizes and bursaries, etc.); and scholarly publications.

### 1.6 Proof of citizenship

#### Enclose copies of documents

Indicate if you are a Canadian citizen or permanent resident (landed immigrant) and provide copies of proof of citizenship such as a birth certificate or immigration documents.

### 1.7 Declaration

The applicant certifies the information provided is true and they agree to abide by the terms and conditions of the scholarship, if awarded. Signature is required on the page.

## FORM 2.0 ACADEMIC REFERENCE

(to be completed and submitted in confidence by the Department Head/Faculty Member)

An academic letter of reference is requested from the department head of the applicant's undergraduate program of study or a faculty member who is familiar with the applicant's academic record. The reference is an opportunity to differentiate the student from the other applicants by providing information that emphasizes creativity, drive, dedication to objectives, judgement, communication abilities, aptitude for graduate studies and personal suitability for this scholarship.

SUBMIT TO:

<b>Deadline</b> The nomination forms and letters of reference must arrive at the BC Innovation Council by <b>Monday, May 31, 2010</b> . The deadline is for receipt of applications, not postmark. The winners will be announced by August 1, 2009.	<b>BC Innovation Council</b> 9th Floor, 1188 West Georgia St. Vancouver BC V6E 4A2 F: 604.683.6567 <a href="http://www.bccic.ca">www.bccic.ca</a>	<b>Contact</b> Tera Moon, Programs Specialist T: 604.683.2724 ext. 330 Toll Free: 1.800.665.7222 <a href="mailto:tmoon@bccic.ca">tmoon@bccic.ca</a>
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# PAUL AND HELEN TRUSSELL SCIENCE & TECHNOLOGY SCHOLARSHIP



## Terms and Conditions

### Eligibility

- The applicant must have matriculated from a secondary school in the Kootenay-Boundary area (School Districts Nos. 5, 6, 8, 10, 20, and 51) of British Columbia.
- The applicant must be entering the second-to-last year of undergraduate study at a British Columbia or Alberta university. If the applicant's chosen field of study is not available in British Columbia or Alberta, the scholarship may be tenable elsewhere.
- The applicant's undergraduate program must be compatible with at least a Master's degree in natural or applied sciences (for example agriculture, engineering, forestry, computer science are eligible) that would be essential to a career in applied research and industrial development.  
**Medical school is not an eligible program.**
- The scholarship is for the support of students planning a Masters or Doctoral degree in natural or applied sciences in pursuit of a career in applied research or industrial development.

### Award Value and Term

- The scholarship is valued at \$20,000 or \$5,000 per annum for four years. One scholarship is awarded on a competitive basis each year to a student registering at any British Columbia or Alberta university. The scholarship is tenable for the last two undergraduate years and for the first two graduate years. Tenure of the award will commence in the fall term or semester.
- To maintain eligibility, a recipient must complete the minimum of course work designated by the university attended and must maintain a minimum of 75% average or equivalent GPA in all course work.
- The recipient must submit a renewal application each year. A recipient who continues to meet the eligibility requirements together with the initial selection criteria can expect renewal of support. BCIC must receive prior written request if a recipient:
  - makes changes to their original program of study.
  - elects to pursue a different project
  - plans a leave of absence from the chosen program of study
- The recipient will be permitted to receive other awards provided that the sum of all awards does not exceed \$25,000 in a year. [This limit is currently under review].
- The recipient is permitted to engage in employment that is not related to the research project for up to 300 hours per year (including teaching and research assistant duties). There is no limit to income from work related to their research project. None of the recipient's income during the tenure of a Trussell award may be derived from another BCIC award or grant.
- Awards are made by the Trussell Scholarship Committee, established and managed by the BC Innovation Council. This committee will also review, at the end of each academic year of tenure, the progress of the recipient through a report signed by the department head of the recipient's program of study at the undergraduate level, or by the recipient's senior supervisor at the graduate level.

The completed form and all required documentation, including a confidential reference report, preferably from a member of faculty, and all post-secondary transcripts, must be received by the Council by May 31<sup>st</sup> of each year. Should the 31<sup>st</sup> fall on a weekend, the deadline will be the Friday prior.

- BCIC normally disburses awards to BCIC Innovation Scholars through the post-secondary institution in which they are enrolled. The institution is issued with the total award amount for its scholarship recipients for the academic year and it may change the schedule for disbursement to individual recipients at its discretion.

## Evaluation

- BCIC will conduct an internal review of submitted applications and advise students if an application is incomplete and further information is required. The required information must be submitted by the deadline given by BCIC and failure to do so may result in the application being withdrawn.
- BCIC coordinates the Trussell Scholarship Committee which conducts the evaluation and selects recipients. The applications are first sent to individual committee members for independent evaluation. The committee then meets to discuss the applications and select the recipients of the award
- The Trussell Scholarship Committee is comprised of representatives appointed by BCIC, the Trussell family as well as at least three additional members who qualify as regional, post-secondary or industry representatives. To ensure integrity and confidentiality of the evaluation process, their identity is not disclosed. The members donate their service to BCIC.
- The applications will be evaluated based on the information provided in Form 1.0 Student Information and Form 2.0 Academic Reference including required enclosures. The criteria for the award include potential for outstanding achievement with particular emphasis on creativity, drive, dedication to objectives, judgement, communication abilities, aptitude for graduate studies and personal suitability for the scholarship.

## Selection

- The Trussell Scholarship Committee awards the scholarships based upon the available funding and the recommendations of its members. Its decisions are final and no appeals are allowed except where there has been a contravention of the application and evaluation process outlined in these guidelines.

## Notification

- BCIC will notify the student applicant by letter regarding the decision of the Trussell Scholarship Committee. The letter will outline the terms and conditions of the award and is to be signed and returned to the BCIC office within one month of the date of receipt.

## Summary

Application:	Completion and Submission of Application including Form 1.0 Student Information and Enclosures + Form 2.0 Reference and Letter of Reference to BCIC
Evaluation:	BCIC Internal Review → Independent Evaluation by Trussell Scholarship Committee Members → Evaluation Committee Meeting
Selection:	Committee Selection of Recipient(s)
Notification:	Recommended Recipient(s) Contacted by Telephone and Mail
Announcement:	Public Announcement of Winner(s)
Reporting:	Final Report to Trussell Family and Vancouver Foundation
Disbursement:	Scholarship disbursed to recipient