



THE ROBERT CATON AND DAVID BATES SCHOLARSHIPS

The Robert Caton Scholarship was established to honour the memory of Dr. Robert Brent Caton, a scholar, entrepreneur and expert in the field of air quality, atmospheric emissions, environmental management and policy. Bob was a passionate defender of the environment and was in the forefront in the development of many of the concepts and practices that have become best practice in terms of identifying and managing environmental issues. Bob was an atmospheric chemist of considerable expertise but his interests and contributions to environmental issues were broad. Bob was well known for his unshakeable integrity as well as for his support and mentoring of students and working scientists.

Similarly, the David Bates Scholarship has been established to honour the memory of Dr. David Vincent Bates, who was one of the foremost international authorities on the health effects of air pollution. He trained numerous leading respiratory physicians and researchers who now work around the world on respiratory health with a particular emphasis on the effects of air pollution. He was the author of 260 research papers and six books. In 2003 he was named to the Order of Canada. Bob and David worked on many projects together including A Citizen's Guide to Air Pollution, written to inform educators, policy makers and concerned citizens about the importance of air pollution.

The Robert Caton and David Bates Scholarships were originally established by contributions from friends and colleagues. The BC Clean Air Research (BC CLEAR) Fund has also contributed to both scholarships. These scholarships are intended to support students within the Environmental Sciences with high ideals, demonstrated interest in studies relating to atmospheric sciences, air quality and health or policy, and specific goals leading to future work in that field.

PREVIOUS SCHOLARSHIP RECIPIENTS

Biographies of previous scholarship recipients can be found at:

<https://www2.gov.bc.ca/gov/content/environment/air-land-water/air/reports/research-funding>

SCHOLARSHIP VALUE

The Robert Caton and David Bates Scholarships are awarded annually and, at the discretion of the selection committee, may be a single scholarship or two separate scholarships to a total of at least \$4,000. The minimum value of a scholarship will be \$2,000.

ELIGIBILITY CRITERIA

- ◆ The applicant must be enrolled in a graduate-level University program that includes coursework and/or research within the Environmental Sciences.
- ◆ The applicant must **either** be enrolled in a University Program in the Province of British Columbia **or** have completed a Bachelor's or Master's degree in the Province of British Columbia and be enrolled in a graduate-level University Program outside BC. The applicant should be able to demonstrate a commitment to studies, volunteering or employment in one or more of the following areas:
 1. air quality science processes such as meteorology and atmospheric chemistry

2. weather, air quality and ecosystem/health effects models that would lead to more reliable tools used for air quality management decision making
3. monitoring methods that provide cost-effective and accurate measures of emissions, meteorology, ecosystem and human health effects
4. emissions control approaches that include clean fuels, improved processes, newer technology and market-driven programs
5. links between air quality and human health impacts
6. public communication/behaviour-change approaches to address air quality
7. economic valuation of air quality benefits/impacts
8. air quality/health/climate change linkages
9. air quality policy

APPLICATION PROCEDURE

The following form provides a description of the information required by the evaluation committee. Although use of this template is not required, all of the information requested in the form must be provided for evaluation.

Please send your application and transcript as a single file in Adobe (or Word) format not more than 3MB file size with file name: FIRSTNAME_LASTNAME.pdf (or FIRSTNAME_LASTNAME.doc) to: RBCScholar@protonmail.com

Transcripts do not need to be official versions, i.e. you may provide a PDF or scan of your current transcript directly from the University website, provided it lists all undergraduate and graduate programs, courses, and grades to date.

If it is not possible to email your application, please mail a paper copy to:

Robert Caton Scholarship
c/o Kathy Preston
612 W 7th Avenue
Vancouver, BC V5Z 1B5

SELECTION PROCEDURE

A Scholarship Selection Committee consisting of a number of friends and associates of Bob Caton and David Bates will evaluate the applications based on the interests, academic history and personal vision demonstrated by the applicants in the cover letter, the requirements for which are described in the application form.

Successful candidates will be asked to provide a one-paragraph biography and a high-resolution photograph for publication on the BC Air Quality and Fraser Basin Council websites as well as the Air Quality and Health Workshop program.

APPLICATION DEADLINE

The application deadline is November 30, 2020. The award will be announced at the BC Lung Association's Air Quality and Health Virtual Workshop the first week of March 2021.

APPLICATION FORM – ROBERT CATON SCHOLARSHIP

1. ***Applicant Information*** – Please include **all** information requested in this form. All applications that meet the primary eligibility criteria will be evaluated based on both academic performance and a clear demonstration of personal commitment to and interest in specific environmental or scientific issues

Name:

Permanent Address:

City:

Postal Code:

Email:

Telephone:

University and Department:

Academic Program:

Brief Program Description, including information to indicate how it fits within the Environmental Sciences:

Program Standing: *Please provide a transcript for your Bachelor's degree, and for your graduate programs completed to date (if applicable).*

Awards and Scholarships:

2. ***Cover Letter*** - The above applicant information should be accompanied by a letter consisting of **not more than one page** for each of the following two sections (i.e., two pages in total):
 - a. A section that summarizes:
 - Your academic achievements to date, for example involvement in significant projects, publications or reports. (Please note that any Awards and Scholarships should be listed in Section 1, above.)
 - Information on your current research program, and its potential contribution to our understanding of air quality and its impacts (if applicable).
 - Your career goals, i.e., the direction in which you hope your studies will lead you.
 - b. A section that describes:
 - Your personal interests and the life experiences that have made you who you are, and who you aspire to be.
 - A brief summary of your work experience (paid or volunteer).