

Walter C. Sumner Memorial Fellowships

Application

For

Doctoral

Study

In

*Chemistry, Physics, Electrical Engineering,
or Computing Science*

**INSTRUCTIONS FOR COMPLETING AN APPLICATION FOR A
WALTER C. SUMNER MEMORIAL FELLOWSHIP**

To ensure prompt and proper handling, the application form should be completed in as much detail as possible, as follows:

The application form

- (a) can be obtained from the University;
- (b) must be completed and accompanied by a copy of the unofficial transcript(s) from applicant university (ies); and
- (c) must be sent by the University to the Foundation by email to foundations.toronto@scotiawealth.com

IMPORTANT NOTES

PART I should be completed by the applicant.

PART II should be completed by two referees; the first should be the supervisor of the most recently completed thesis (Honours or Masters of Science) or the most appropriate person if the applicant has been working as a teacher in the industry. The second referee should be the prospective or current supervisor of the applicant's doctoral studies.

PART III should be completed by the Chair of the applicant's prospective Department and the Dean of Graduate Studies at the participating university where the applicant will undertake his/her doctoral studies.

IT IS IMPORTANT, FOR PROPER EVALUATION OF A CANDIDATE, THAT THE INFORMATION REQUESTED IN PARTS II AND III BE PROVIDED.

The Walter C. Sumner Foundation cannot be responsible for lost or misplaced applications.

**CONDITIONS FOR COMPLETING AN APPLICATION FOR A
WALTER C. SUMNER MEMORIAL FELLOWSHIP**

1. *ELGIBILITY*

Applicants must:

- (a) Be engaged in or about to start doctoral studies in either Chemistry, Physics, or Electronics (including Electrical Engineering and Computer Science) and at one of the following institutions: Dalhousie University, McGill University, Queen's University at Kingston, the University of Toronto, the University of Saskatchewan or the University of British Columbia. If a participating university is unable to supervise a research area of interest to an applicant from that university, he/she may submit an application to the Foundation with an explanation/justification to be allowed to study at another university while holding a Walter C. Sumner Memorial Fellowship. Alternatively, a participating university may recommend a candidate for a fellowship but, being unable to find a supervisor for a project, may send that candidate to a university where the research can be undertaken;
- (b) Be a Canadian citizen;
- (c) Be domiciled in Canada, although at the time of application a candidate may be studying outside the country;
- (d) Hold a degree from a Canadian university other than the one at which the doctoral studies will be conducted during the tenure of the fellowship;
- (e) If only a degree at the Bachelor's level is held, the applicant must have at least two years experience in either teaching or industry in the chosen field of study; and
- (f) If awarded a Canada Graduate Scholarship, a participant must inform the Walter C. Sumner Foundation.

2. *AMOUNT AND DURATION OF THE FELLOWSHIPS*

At the discretion of the Foundation, the amount and value of the fellowships awarded could vary each year depending on applicant pool. Candidates must be nominated by one of the participating universities. Recommendations for the award of fellowships will be made to the

Foundation by a selection committee of senior scientists who are not from the participating universities. The fellowships may be distributed unevenly among the participating universities. Preference will be given to those born in Nova Scotia, followed by those born in any of the other Atlantic Provinces.

Fellowships will be awarded at the discretion of the Foundation. Fellowships will initially be for one year, but may be extended for a second year. Second year applicants do not have to submit an application form, but the following documentation must be provided. The student must submit a one page report with information on: (a) the research completed, (b) any papers in press or published, (c) a transcript showing results of any course work, (d) papers or posters presented, and (e) any other relevant information. In addition, the student must submit a letter from their research supervisor, indicating that in their view satisfactory progress has been made by the student. This letter must also be signed by the Dean of Graduate Studies for the applicable university. Finally, the letter must disclose whether the applicant has been awarded a Canada Graduate Scholarship (CGSD) for his/her second year of study.

3. APPLICATION

Applications should be made to the Walter C. Sumner Foundation through the participating university at which the applicant will carry out his/her research.

The participating university will ensure that applicants are qualified, prioritize the applications and forward them to the Foundation with a recommendation as to whether a fellowship should be awarded. The university should not forward applications from those who are not qualified. Applications must be received by the Foundation no later than **April 15th** each year and must be accompanied by unofficial transcript(s) with evidence of the applicant's experience in research, teaching, or industry.

4. AWARDS AND PAYMENT

Those awarded fellowships will be notified by the Foundation by the 15th of May each year. The successful applicants must indicate acceptance of the fellowship by the 31st of May and failure to respond may result in cancellation.

The remuneration associated with each fellowship will be paid to the university where the fellow will be studying. The university will be responsible for disbursement of the fellowship on a monthly or quarterly basis.

5. CANCELLATION AND CONDITIONS OF TENURE

A fellowship may, at the discretion of the Foundation, be cancelled with or without the advice of the university where the fellow is studying; particularly if the fellow fails to achieve or maintain research progress or otherwise becomes ineligible. Any un-disbursed funds held by the university for the account of the fellow shall be returned to the Foundation.

It is a condition that any research done during the tenure of a fellowship that is published, presented orally, or given as a poster, must include an acknowledgement to the effect that the author held a Walter C. Sumner Memorial Fellowship.

WALTER C. SUMNER MEMORIAL FELLOWSHIP
APPLICATION FOR DOCTORAL STUDY
IN CHEMISTRY, PHYSICS, OR ELECTRONICS

PART I: APPLICATION

PERSONAL INFORMATION

| | | |
|----------------|---|-------------------------------|
| Family Name | Given Name | Initial(s) of All Given Names |
| Place of Birth | Province of Residence for the Past Five Years | |

| |
|--|
| Citizenship |
| Candidate is to provide proof of Canadian Citizenship. |

CONTACT INFORMATION

| | | |
|--|--|----------------|
| ADDRESSES | | |
| Current Address | Permanent Address (if different from current address) | |
| (if current address is temporary, please indicate moving date) | Telephone Number (at permanent mailing address) | |
| Other Telephone Number | Fax Number | E-Mail Address |

ACADEMIC BACKGROUND

(Including Past, Current, and Expected Degree Programs)

| Degree(s) | Major Subject | University | Year |
|------------------|----------------------|-------------------|-------------|
| | | | |
| | | | |
| | | | |
| | | | |

| PROPOSED RESEARCH LOCATION | | |
|-----------------------------------|-------------------|-------------------|
| Institution | Department | Supervisor |
| | | |

| SCHOLARSHIPS AND AWARDS | | |
|--------------------------------|-------------------|--------------------|
| Scholarships/Awards | Where Held | Period Held |
| | | |
| | | |
| | | |
| | | |

| THESES | |
|------------------|-----------------|
| Degree(s) | Title(s) |
| Honours | |
| Masters | |

ACADEMIC BACKGROUND CONTINUED

(Including Past, Current, and Expected Degree Programs)

| PUBLICATIONS | | |
|------------------|-----------------|----------------|
| Author(s) | Title(s) | Journal |
| | | |
| | | |
| | | |
| | | |
| | | |

| RESEARCH AND/OR RELATED EXPERIENCE (list chronologically - giving most recent experience first) | | | |
|--|--------------------|----------------|-------------------|
| Dates | Institution | Subject | Supervisor |
| | | | |
| | | | |
| | | | |

| GRADUATE SUPPORT (indicate whether held or applied for) | | |
|---|-----------------|---------------|
| Name | Donation | Amount |
| | | |
| | | |
| | | |
| | | |

PART II-A: CONFIDENTIAL REPORT ON CANDIDATE

Referee Number One: Supervisor of Most Recently Completed Thesis

TO THE RESPONDENT:

In the rating scales, describe the candidate by checking, in the appropriate column and for each trait to be evaluated, the rating that most nearly represents your opinion of him/her. The rating should be based on the level of accomplishment you usually expect of students at this level.

Brief descriptive comments about the candidate, in addition to the information provided in the box score, form a very important part of the application. Additional comments are particularly important as well.

| | | <i>Outstanding</i> | <i>Above Average</i> | <i>Average</i> | <i>Below Average</i> | <i>Inadequate Opportunity to Observe</i> |
|----------|---|--------------------|----------------------|----------------|----------------------|--|
| A | Background Preparation | | | | | |
| B | Originality | | | | | |
| C | Research Ability or Potential | | | | | |
| D | Industry | | | | | |
| E | Judgement | | | | | |
| F | All-Round Scientific Ability | | | | | |
| G | Oral and Written Communication Skills | | | | | |
| H | Interpersonal and Leadership Abilities | | | | | |

I have know the Candidate for the period _____
 (Dates)

in my capacity as: _____
 (Function)

PART II-A: CONFIDENTIAL REPORT ON CANDIDATE CONTINUED

COMMENTS: (Attach an additional sheet if desired.)

Name of Respondent

Signature of Respondent

Size of Comparison Group

PART II-B: CONFIDENTIAL REPORT ON CANDIDATE

Referee Number Two: Supervisor Prospective or Current Supervisor

TO THE RESPONDENT:

In the rating scales, describe the candidate by checking, in the appropriate column and for each trait to be evaluated, the rating that most nearly represents your opinion of him/her. The rating should be based on the level of accomplishment you usually expect of students at this level.

Brief descriptive comments about the candidate, in addition to the information provided in the box score, form a very important part of the application. Additional comments are particularly important as well.

| | | <i>Outstanding</i> | <i>Above Average</i> | <i>Average</i> | <i>Below Average</i> | <i>Inadequate Opportunity to Observe</i> |
|----------|---|--------------------|----------------------|----------------|----------------------|--|
| A | Background Preparation | | | | | |
| B | Originality | | | | | |
| C | Research Ability or Potential | | | | | |
| D | Industry | | | | | |
| E | Judgement | | | | | |
| F | All-Round Scientific Ability | | | | | |
| G | Oral and Written Communication Skills | | | | | |
| H | Interpersonal and Leadership Abilities | | | | | |

I have know the Candidate for the period _____
 (Dates)

in my capacity as: _____
 (Function)

PART II-B: CONFIDENTIAL REPORT ON CANDIDATE CONTINUED

COMMENTS: (Attach an additional sheet if desired.)

Name of Respondent

Signature of Respondent

Size of Comparison Group

PART III-A: DEPARTMENTAL APPLICANT'S PROSPECTIVE EVALUATION
To Be Completed by Chair of Department

For the candidate's latest completed year of study which was 20__/20__, please indicate:

Standing in class: _____ of a total class of _____ students.

Departmental Rating:

- ❖ first class A > A+
- ❖ high second class B+ > A-
- ❖ second class B > B+

Departmental Recommendation for an Award:

- ❖ highly recommended
- ❖ recommended
- ❖ not recommended

Remarks on the Suitability of the Proposed Candidate:

Chair of Department Signature University Department Date

PART III-B: UNIVERSITY EVALUATION

To Be Completed by Dean of the Faculty of Graduate Studies

Please indicate using a numerical scale to establish the standing of this application with respect to all other applications from your university – number one being the most preferred application.

Standing of Candidate:

This candidate has been accepted into a Ph. D. program and will begin studies on: _____

This candidate is already registered in a Ph. D. program and has completed _____ years of study.

This candidate is rated _____ out of _____ students. *

Candidate Has Been Nominated For or Holds:

- ❖ NSERC PGSM (PGSA)
- ❖ NSERC PGSD (PGSB)
- ❖ CGSM (Masters)
- ❖ CGSD (Doctorate)

Further Comments on the Applicant:

Dean of Graduate Studies

Signature

University

Date

*** Please ensure that both the departmental standing (see page 13) and the university ratings have been completed.**