

CALL FOR SUBMISSIONS

POSTDOCTORAL EDUCATION RESEARCH GRANTS PROGRAM

Supported by



THE ALPHA OMEGA FOUNDATION OF CANADA
POSTDOCTORAL EDUCATION RESEARCH GRANTS PROGRAM

Program Details

Purpose: The purpose of this program is to provide research training experience for postdoctoral students with high academic standing. The long-range objective is to increase awareness among selected residents, students and fellows of the intellectual satisfaction of research and increase the possibility of their selecting a career including dental research.

Program Content: Students will receive an award to work in various basic science and clinical dental research laboratories during their postdoctoral education. The student will receive hands-on experience in a clearly defined research project with attainable goals. The student may participate in one of several ongoing projects, or choose to develop his/her own project under his/her mentor's supervision. Grantees are expected to present their research findings at an international dental research meeting.

Funding: Awards will be made to the institution in which the fellow, resident or student is studying. This money may be used to support the fellow, student or resident's stipend and to purchase supplies and materials necessary for the research. Discretion on how the award will be apportioned is left to the research mentor and the institution.

Eligibility: Applicants are not required to be Canadian. However, grants will only be awarded to those enrolled in Canadian Institutions. Postdoctoral fellows, graduate students and residents who are in accredited PhD, MSc or certificate programs are eligible. Fellows, students and residents are eligible for the program for up to three consecutive years, depending on their status at the time the first award is made. However, awards made in subsequent years will require submission of a proposal and will be competitive with new applications that year. A faculty member at their school must sponsor student. Preference will be given to students or alumni of Alpha Omega.

Application procedures:

Proposals may be written in English or French, typed, double-spaced on 8 1/2 x 11" white paper. Proposals must be submitted using BOTH of the following formats.

1. Two hard copies
2. Submitted electronically to the following email address: grantapplication@aofoundation.ca

Proposals should not exceed 8 pages including references (i.e., sections A through E).

Submission deadline for receipt of this proposal electronically is October 15th. Hard copies must be postmarked as well by October 15th. Funding date will be December 31st of each year.

Each applicant should arrange for their supervisor to provide a letter of support. This letter should indicate all other possible sources of funding received and applied for to support this project. In addition, it should provide the supervisor's name and mailing address for where a cheque should be sent in the event a grant is awarded.

Each proposal must include the following:

A. Introduction (1 - 2 pages)

1. Research problem: State the nature of the problem to be investigated.
2. Background: Review the most significant previous work and describe the current status of research in this field. Briefly describe the clinical significance of the problem.
3. Hypothesis: Present concisely the hypothesis to be tested with regard to the problem identified above.

B. Materials and Methods (3 - 4 pages)

In this section, describe what will be done to answer the question proposed in the hypothesis. Give details of the plan; for example, a description of the experiments proposed, the methods, species of animals, techniques planned, kind of data expected to be obtained, the means by which the data will be collected and the plans for statistical analysis. In so far as possible, describe the principal experiments or observations in the sequence planned. Remember to keep plans realistic since the research should be completed in one year. Describe the facilities and equipment that are available for the research proposed.

C. Institutional Review Board and Animal Usage Approvals.

If the experimental protocol involves human or animal subjects, approval must be obtained from the appropriate committee or board. Since this may take some time, the proposal may be submitted without approval. However, before an award can be made, The Alpha Omega Foundation of Canada must receive a letter from the institution stating that the proposal is in accordance with the appropriate review board.

D. Publication

It is anticipated that the completed project will result in a published abstract and/or a paper given at a national meeting or in publication form. Indicate plans for publication. Any publication or presentation of this research is to cite The Alpha Omega Foundation of Canada as a source of support and a copy of the abstract or publication sent to the Foundation office in a format eligible for publication in the Alpha Omegan journal

E. References

Follow the format used by Index Medicus. Arrange the citations in alphabetical order. Be consistent in the way the citations are constructed.

F. Progress Report/Preliminary Data

If the applicant has previously received a grant from the Alpha Omega Foundation of Canada, the application should include a one-page summary of the results of these studies. New applicants may use this section to describe any preliminary work done which led to this proposal.

G. Budget

It may be expected that the project will cost more than the funds available to complete. If this is the case, indicate general categories of expenses (supplies, special equipment, special expenses, travel) and explain how these costs will be met. A sample budget follows.

Scoring: The Research Committee of The Alpha Omega Foundation of Canada will coordinate review of the proposals. Each proposal will be evaluated on its scientific merit. Each submission will be assessed by a panel of scientific reviewers and will be assigned a priority score on the basis of averages, as follows:

1-2	Excellent
2-3	Very Good
3-4	Good
4-5	Acceptable
5-U	Unacceptable

Each reviewer will give a numerical rating. The scores of all reviewers will then be averaged to give an overall priority score, which will be used as the basis for funding. Awards will be made on the basis of the creativity of the project, its feasibility and its potential significance to oral health research. Reviewers will include academic basic scientists and clinical scientists as well as clinical dentists in private practice.

Cover Letter and Curriculum Vitae: Each application must be accompanied by a cover letter from the applicant's sponsor, indicating the dental school's and the sponsor's support of the proposed research. Each proposal should also include a curriculum vitae (of up to, but not exceeding, two pages), outlining the applicant's career to the time of the application.

Proposals that do not meet the criteria will not be considered. Please adhere to the prescribed format.

Please prepare an electronic copy and two (2) hard copy sets. Each hard copy set should be stapled and include:

1. Cover letter
2. Curriculum vitae
3. Proposal
4. Applicant's and supervisor's email address

These must be received by **October 15**

Please submit electronically to the each of the following email address: grantapplication@aofoundation.ca

Send all hard copy materials to:

Alpha Omega Research Grants Committee
c/o: Dr. Mel Schwartz
Department of Dentistry
3755 Cote Ste. Catherine Road
Montreal, Quebec H3T 1E2

If the applicant is awarded a grant from the Alpha Omega Foundation of Canada, it will be their responsibility, once presented or published, to submit two small hard copies (8.5x11") of their poster and/or two hard copies of any articles associated with this research, prior to October of the year the poster is presented and/or article submitted for publication, to the address directly above.

For further information, please contact:

- Dr. Mel Schwartz, (514) 340-7912 or at grantapplication@aofoundation.ca

Revised 03/ 2014

SAMPLE PROPOSED BUDGET (For 15 Cases):

<u>Dental Faculty Fee</u>	
Facilities	\$500.00
<u>Lab/ Clinic Materials and Disposables</u>	
Gloves, Blood Collection materials, Centrifuge tubes, Pipette tips, Culture plates, etc.	\$500.00
Microarray (Illumina Human HT-12)	\$500.00
Cytokine Enzyme Linked Immunosorbent Assay (ELISA)	\$500.00
Prostaglandin E2 (PGE2) Enzyme Linked Immunosorbent Assay (ELISA)	
<u>Presentation</u>	
Poster Printing	\$50.00
<u>Statistics</u>	
PASW Version 11.0 Software	\$625.00
<u>Subject Reimbursement</u>	
\$25 per participant in experimental Gingivitis trial (15)	\$375.00
<u>Grants</u>	
NIDCR Grant (Awarded)	\$500.00 Credit
ADRF (Awarded)	Unknown
ADA grant (Applying for)	Amount
	-
<u>TOTAL</u>	\$3150.00