

CALL FOR SUBMISSIONS

THE ALPHA OMEGA FOUNDATION OF CANADA

POSTDOCTORAL EDUCATION RESEARCH GRANTS PROGRAM

Supported by



Revised July2018 (GA)

Program Details

The Alpha Omega International Dental Fraternity (AO) is an international Jewish dental organization, with over 100 alumni and student chapters all over the world. AO is an inclusive organization that welcomes people from all cultural backgrounds. Our Mission, Vision, and Values are guided by our three tenets of *Professionalism*, *Fraternalism* and *Judaic values*.

Purpose: The purpose of this Research Grant 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 path involving dental research.

Program Content: The award will be given to clinical or basic science research projects, in the field of dental research and oral health. The student will receive hands-on experience in a clearly defined research project with attainable goals. The student may participate in an ongoing project or choose to develop his/her own project under an academic supervision. Grantees are expected to present their research findings at an international dental research meeting or publish it in a dental journal.

Funding: Awards will be made to the institution in which the fellow, resident or student is studying. The grant is expected to be used to support necessary supplies and materials for the research. Discretion on how the award will be apportioned is left to the research supervisor and the institution. Funding date will be December 31st of each year.

Eligibility: Postdoctoral fellows, graduate students and residents who are enrolled in accredited PhD, MSc or certificate programs **in Canadian Institutions** are eligible to apply. Applicants are not required to be Canadian. Fellows, students and residents are eligible to apply for up to three consecutive years, depending on their status at the time the first award is made. Applications submitted in subsequent years will require submission of a full proposal and will be reviewed as a new application.

Preference will be given to students or alumni of Alpha Omega.

Application procedures

Proposals may be written double-spaced in English or French. Proposals should be submitted electronically to the following email address: grantapplication@aofoundation.ca

Proposals should not exceed 7 pages excluding references (i.e. sections A through D)

Submission deadline for receipt of this proposal electronically is October 15th

Application format

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 current knowledge in the field of research. Briefly describe the clinical significance of the problem.
3. **Hypothesis:** Present concisely the hypothesis to be tested with regards to the problem identified above.

B. Materials and Methods (3 - 4 pages)

In this section, describe research design to answer the question proposed in the hypothesis. Please provide detailed plan: If relevant, please describe subject recruitment methods *or* species of animals to be used; Provide a description of the experiments proposed, as well as the methods and techniques planned; Type of data expected to be obtained, and how it will be collected and recorded; Statistical analysis.

In so far as possible, describe the principal experiments or observations in the sequence planned. Describe the facilities and equipment that are available for the research proposed.

C. Progress Report/Preliminary Data

If the applicant has previously received a grant from the Alpha Omega Foundation of Canada, the application should include a summary of up-to-date results.

New applicants may use this section to describe any preliminary work done which led to this proposal.

D. Publications

It is expected that the completed project will result in a published abstract/manuscript and/or a poster presentation. Please 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.

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. 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.

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.

Additional forms

Supervisor cover letter of support: 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. This letter should indicate all other possible sources of funding received and applied for to support this project

Applicant's Curriculum vitae: (not exceeding two pages).

Contact information page: Indicating the applicant's and the supervisor's name, e-mail, and mailing address for where a cheque should be sent in the event a grant is awarded.

Please prepare an electronic submission. Each submission should include:

1. Supervisor cover letter
2. Curriculum vitae
3. Proposal
4. Applicant's and supervisor's contact information

These must be received by **October 15**

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

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

Scoring

The Research Grant Committee of The Alpha Omega Foundation of Canada will coordinate review of all proposals. Committee members are academic scientists as well as clinical dentists in private practice.

The committee will consider the following criteria for each proposal: Scientific merit, Clinical relevance, Feasibility, Potential significance to dental and oral health research.

Reviewers will assign a numerical rating to each proposal, as follows:

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

The scores of all reviewers will then be averaged to give an overall priority score, which will be used as the basis for funding.

Poster presentations/Publications

As stated above, winning applicants are expected to submit their poster and/or any articles associated with this research once presented or published.

Please submit it electronically by October 31st of the year the poster was presented and/or article accepted for publication, to the following email address: grantapplication@aofoundation.ca

Any publication or presentation of this research is to cite The Alpha Omega Foundation of Canada as a source of support.

AO reserve the right to publish the research abstract/poster in the Alpha Omega Fraternity internal publications.

For further information, please contact: Dr. Guy Aboodi at grantapplication@aofoundation.ca

Sample for Proposed Budget

<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)	\$500.00
<u>Presentation</u>	
Poster Printing	\$85.00
<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)	-
<u>TOTAL</u>	\$3085.00