



CPAS Scientific Research Starter Grant

Made possible by an educational grant from CPAS.

Application deadline: June 1, 2024 (23:59PM, EST)

Award notification by: July 30, 2024

Awarded at CPAS annual meeting – Sept. 13-15, 2024, in Ottawa

Funding to begin October 1, 2024

The first CPAS Scientific Research Starter Grant is intended to advance the field of pediatric anesthesia by supporting a Canadian anesthesiologist investigator. This two-year grant provides starter funding to further scientific inquiry and clinical knowledge in the field of pediatric anesthesiology. Preference will be given to junior or mid-career faculty who will be advised by an experienced mentor(s). It is anticipated that the funded study will generate results that can be used as pilot data or preliminary findings to support future grant applications focused on methods to improve safety and promote outcomes in pediatric anesthesia. It is expected that all applicants will be members of CPAS and will recognize CPAS support in future presentations and publications.

Information regarding the application process are available at the CPAS website (<https://pediatricanesthesia.ca>).

Applications will be due by June 1, 2024. The awardee will be informed by July 1, 2024, and it is mandatory that the grant recipient attend the CPAS Annual Meeting September 13-15, 2024, in Ottawa to be formally recognized. Funding will begin October 1, 2024. The \$10,000 amount does not include any extra funding to cover indirect institutional costs. Scholarly activity generated by this grant will be presented to the CPAS members at the future CPAS annual meetings and is expected to be published in peer-reviewed journals. A progress report submitted to the CPAS Scientific Committee is expected 12 months after the funding is issued.

WHO CAN APPLY

Applications are open to junior and mid-level anesthesia faculty in a Canadian Hospital caring for pediatric patients (at a rank no higher than Assistant Professor) who are current CPAS members.

PAPERLESS APPLICATIONS

A complete **Application Packet** consists of the following documents, arranged in the following order:

A. Application

B. Budget and budget justification

C. Applicant's curriculum vitae

D. Departmental Chair's Letter of Support

E. Institutional Review Board approval or copy of submission letter

These documents must be converted to Adobe PDF format and merged as a **SINGLE** file. Should the applicant obtain the IRB approval after submission of the application packet (but prior to September 1), please email the IRB Approval Letter as a separate Adobe PDF file to the below CPAS SC chair.

The complete **Application Packet** (Application, Budget justification, Applicant's CV, Chair's Letter of Support, and IRB approval notification or, if approval has not yet been obtained, a copy of the IRB submission letter) must be sent (single PDF file) by email to Susan Goobie, MD, FRCPC, CPAS Scientific Committee Chair at susan.goobie@childrens.harvard.edu

APPLICATION PACKET

A. APPLICATION

I. Cover Page This should include:

- a. Title of research project
- b. Designation of proposal as "**Scientific Inquiry**" or "**Quality Improvement**" or "**Other**".
 - c. Name of applicant with degrees, affiliation, office address, phone number, and e- mail address
- d. Names and affiliations of all investigators and consultants
- e. Name, office address, and phone number of departmental chairperson
 - f. Sponsoring institution and name, office address, phone number and e-mail address of the responsible institutional financial officer
- g. Start and end dates of proposed project including timeline.
- h. Number all pages (bottom right corner) sequentially, starting with the cover page

II. Research Summary A one-paragraph description of the project (250-500 words).

III. Research Plan Format: maximum of 5 pages for sections IIIa and IIIb below (excluding references); 1-inch margins; Times New Roman font; size 12. NOTE: Appendices are discouraged but if used, should ONLY include either extensive data collection instruments that will be used in the project and have not been previously published, OR critical manuscripts that have been accepted for publication in a peer- reviewed journal but are otherwise not yet publicly available. The mentor's CV should be included in the Appendix.

Introduction

1. Objectives
2. Background
3. Specific Aims
4. Significance and Applicability
5. Preliminary Results if available.

Research Methods to be employed

6. Describe data collection procedure, specific techniques, and number of observations, subjects or experiments. For educational projects, describe how the effects of the intervention program will be assessed. Qualitative methodologies are acceptable. Provide a justification for the sample size.
7. Describe types of data to be obtained and their treatment, including statistical, sample size and power analyses.
8. Point out and discuss potential problems and limitations of the project.

IV. Discussion

- a. Interpretation of Results
- b. Limitations
- c. Significance and Impact
- d. Future Directions

V. Timeline

VI. Protection of Human Subjects

CPAS scientific grant proposal shall include:

- a. A statement of approval of this proposal by the institutional committee reviewing human or animal investigations, or a copy of the submitted application;
- b. A sample patient informed consent form that describes the risks to human subjects enrolled in the study, and how the investigator will mitigate those risks. If there are residual risks, explain why the benefits of conducting the study outweigh those risks;

- c. Samples of all records and reports required by the Canadian national regulatory authority.

B. BUDGET and BUDGET JUSTIFICATION

Please include all proposed expenditures. Indicate under each category the amount requested or provided from other sources.

I. Budget. Enumerate in an itemized table all proposed expenditures broken down by year of the proposal.

- a. Personnel
- b. Equipment costs
- c. Supplies and supplies costs
- d. Other costs
- g. Total funds requested (up to \$10,000)

II. Budget Justification. CLEARLY and COMPLETELY justify each item, including the role of each person involved in the project.

III. Current and Prior Support. List all current or pending research support (federal, foundation, industrial, departmental) available for the proposed project to the principal investigator, co-investigators, collaborators, and the mentor, if applicable.

IV. Facilities and Resources. List the facilities, equipment, supplies, and services essential for this project and indicate their availability.

C. APPLICANT'S CURRICULUM VITAE

CV of the principal investigator and any co-investigators.

D. LETTER OF SUPPORT

Please include a letter from the departmental chairperson indicating:

- a. The number of working days per week available to the applicant for the proposed research, the degree of involvement of the applicant in other research projects, and the chairman's degree of enthusiasm for the proposed project.
- b. The availability of facilities essential to the completion of the proposed research.
- c. An agreement to return unused funds if the applicant fails to complete the project, and any remaining funds after the completion of the study.

E. IRB

Please include the approval letter from the Investigational Review Board (IRB). If approval has not yet been received, please include a copy of the submitted application to IRB or equivalent (such as Animal Care and Use Committee (ACUC)).

The original application must be submitted by email no later than June 1, 2022 (23:59:59 EDT), to Susan M. Goobie, CPAS Scientific Committee at susan.goobie@children.harvard.edu. Once the completed application is submitted, a confirmatory email will be sent to the applicant. Good luck!