



FONDATION
**SANDRA
SCHMIRLER**
FOUNDATION

THE SANDRA SCHMIRLER FOUNDATION
ADVANCING NEONATAL CRITICAL CARE
GRANT PROGRAM

*Proudly supported by an educational grant from **IKARIA** Canada Inc.*

Grant Application

The Sandra Schmirler Foundation

Advancing Neonatal Critical Care Fellowship Grant

Funded by an Educational Grant From Ikaria® Canada Inc.

APPLICATION INSTRUCTIONS

Please follow the instructions below and provide your answers on no more than 6 double-spaced pages in 12-point type and ½-inch margins throughout. All questions must be answered completely. The Application must be signed by you, your research advisor, and the Director of your Fellowship Program.

Please provide a letter of support from your research advisor and anyone else whose involvement will be necessary for completion of the research, indicating their commitment to the project. Include a copy of your curriculum vitae (CV) and your research advisor's CV with your application.

PERSONAL INFORMATION

Please provide the following information:

- Name of applicant
- Name of research advisor
- Name of fellowship program director
- Name and address of institution
- Work telephone and fax numbers
- E-mail address
- Date of expected completion of fellowship
- Title of proposal

DESCRIPTION

State the broad, long-term objectives and specific aims of the research proposal, making reference to the health relatedness of the project. Describe concisely the research design and methods for achieving those goals. Do not summarize past accomplishments, and avoid the use of the first person. Description must be limited to 200 words or less.

SPECIFIC AIMS

State the specific purposes of the research proposal and the hypotheses to be tested.

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BACKGROUND AND SIGNIFICANCE

In 1½ pages or less, briefly describe the background for the proposal. State concisely how the results of this research will contribute to improving the cardiorespiratory care of newborns.

RESEARCH DESIGN AND METHODS

Provide an outline of:

- Research design and the procedures to be used to accomplish the specific aims
- Tentative sequence for the investigation
- Statistical procedures by which the data will be analyzed
- Any procedures, situations, or materials that may be hazardous to personnel and the precautions to be exercised
- Any courses planned that support the research training experience

Potential experimental difficulties should be discussed together with alternative approaches that could achieve the desired aims. If your research will include the use of experimental drugs or treatments, please document Health Canada approval. All proposals must be approved by your institution's Office of Sponsoring Programs.

LITERATURE CITATIONS

Provide up to 15 applicable literature citations at the end of the research proposal. Each citation must include names of all authors, titles, book or journal, volume number, page numbers, and year of publication.

HUMAN SUBJECTS/VERTEBRATE ANIMALS

Please provide the rationale for the choice of any experimental animals or procedures involving human subjects. Also, provide the number and type of subjects, the gender and racial/ethnic composition of any human subject population, the methods that will be used to recruit/obtain them, and the ethical standards that will be followed. Please also attach a copy of the approval of the appropriate Institutional Review Board.

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BUDGET

Please attach a detailed 1-page budget and narrative description of how the \$10,000 Grant will be used to fund this research. Please include the following: names of personnel (role on project, percentage of effort on project), equipment, supplies, consultant costs, travel (limited to \$1,500), patient care costs (inpatient and outpatient), and other. Note that this Grant cannot be used for tuition purposes or to support indirect costs, personnel salary, or overhead.

BIOGRAPHICAL SKETCH

In no more than 4 pages, provide the following information:

- **Positions and Honours**
 - List in chronological order, previous positions, concluding with your present position. List any Honours. Include present membership on any committees.
- **Selected Peer-Reviewed Publications (in chronological order)**
 - Do not include publications submitted or in preparation.
- **Research Support**
 - List selected ongoing or completed (during the last 3 years) research projects (federal and non-federal support). Begin with projects that are most relevant to the research proposed in this application. Briefly indicate the overall goals of the projects and your role (eg, Principal Investigator, Co-Investigator, Consultant) in the research project. Do not list award amounts or percentage effort in projects.

TIMING

Please provide approximate dates (month and year) for the following time points (assume Grant disbursement will occur in July 2012):

- Beginning of data collection
- End of data collection
- Completion of data analysis
- Completion of summary report

SUBMISSION

Please submit your application by **March 1, 2012**, to the Sandra Schmirler Foundation, 1660 Vimont Court, Orleans, ON K4A 4J4. For additional program information, please e-mail: contact@sandraschmirler.org or call at 613 830 6977 / 1 866 210 6011.