



2010 Grant Application Guidelines for Epidemiology Awards

Made possible by
The Butterfly Foundation- *The Brittany Pasqual Pediatric Oncology Research
Foundation*

In this packet you will find:

- **General and Submission Information**
- **Descriptions and Criteria**
- **Grant Deadlines**
- **Application Outline and Format**



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2010 GRANT APPLICATION GUIDELINES

Alex's Lemonade Stand Foundation is a unique not for profit foundation that has evolved from a young cancer patient's front yard lemonade stand to a national foundation for childhood cancer.

Alex's Lemonade Stand Foundation Grant Program is committed to eradicating childhood cancer through basic research, career development and helping to streamline translational clinical research. Grants distributed from Alex's Lemonade Stand Foundation are designed to fill important voids in current pediatric cancer research.

Submission Process:

All requests must be submitted using ALSF's online application process. Applicants can request a password or sign in by going to the Guidelines and Submission page of www.ALSFGrants.org. Once you have signed in you may:

- Start the a grant application
 - o Part 1 – Complete online form
 - o Part 2 – Upload application as 1 pdf (max 10 MB) – see format guidelines on following pages
 - Save your application and return at a later time to continue working or submit
 - Copy and paste information from another document into the form
- **Please note: all formatting for Layman's Summary will be done automatically.

Restrictions

We will not consider medical grant applications in psychosocial aspects of pediatric cancer and/or cancer control. Please see our Nurse Researcher grant categories for inquiries regarding psychosocial research topics.

We encourage you to contact us if you have any questions about the appropriateness of your research ideas for this funding mechanism. Grants@AlexsLemonade.org. Applications not following the guidelines will be administratively rejected.

Review Process:

- Proposals must fall within the scope of Alex's Lemonade Stand Foundation in order to be considered.
- Grants will be reviewed by an independent panel of experts according to the NIH recognized peer-review process and overseen by ALSF's Scientific Advisory Board.
- Funds will be granted to non-profit institutions or organizations operating in the United States or Canada. Researchers need not be U.S. citizens.

Epidemiology Awards

Description

These grants are designed to support the research of investigators who have a specific focus on the epidemiology, early detection, or the prevention of childhood cancer. Through its collaboration with The Butterfly Foundation–Alex's Lemonade Stand Foundation will award The Butterfly Foundation Cancer Epidemiology Awards to support research proposals to be carried out by established investigators who have a track record of peer-reviewed publications in relevant areas. These awards are expected to provide additional funds that will allow investigators to pursue novel and promising approaches to understanding the cause of childhood cancer and how such insight can be used for early detection or prevention of childhood cancer.

Eligible areas of investigation include the following:

- Epidemiology and etiology of childhood cancer
 - Research that proposes novel methodologies for investigating the distribution and determinants of childhood cancer
 - Research that elucidates the role of hereditary and *in utero* and post-natal environmental aspects of childhood oncogenesis
- Early Detection of Childhood Cancer
 - Research that holds the promise of identifying new methods of early cancer detection
- Prevention of Childhood Cancer
 - Research that proposes innovative methodologies that exploit knowledge of childhood cancer etiology to reduce the incidence of childhood cancer
 - Clinical trials in high risk populations

Preclinical research will be supported if the proposed investigation has the following characteristics:

- It is reasonably likely to contribute to our understanding of the epidemiology and etiology of childhood cancer
- It is reasonably likely to contribute to the development of methodologies that support early cancer detection
- It is reasonably likely to contribute to the development of ways of preventing childhood cancer

Criteria

- Applicants should be at the late Assistant, Associate or Full Professor level
- Applicant may be MD or PhD
- Applicants must have a history of formal training in disciplines that are relevant to the proposed research or a track record of conducting similar research
- Critical to these applications is innovative proposals that have the potential to generate new insight into the causes of childhood cancer
- Preliminary data are not required but the application must demonstrate feasibility

Budget

Maximum \$50,000 in direct costs will be awarded to applicants annually. A detailed budget and justification is required using the form provide on the ALSF website. A maximum of two years of funding may be requested.

2010 Grant Cycle Dates

All grant applications must be received by December 15, 2009, midnight Eastern Time.

Late applications will not be accepted.

Application Due Date	December 15, 2009 (midnight ET)
Award Notification Date	Mid-April, 2010
Project Start Date	July 1, 2010
Progress Report	June 15, 2011 (with financials ending 5/31/11)
Final Report	July 16, 2012 * (with final financials ending 6/30/12)

***Applying for Additional Years of Funding**

Epidemiology Awardees may apply for an additional two years of funding through the regular grant submission and competitive review process. A maximum of 4 years (2 cycles) can be awarded per project.

Please contact Lisa Towry at 610-649-3034 if you have any questions about your grant application and submission or email questions to Grants@AlexsLemonade.org

Grant Application

All applications must be submitted using ALSF's 2 part online submission process. Applicants must first complete the online form then upload the application in one pdf (max 10 MB). Applicants can request a password or sign in by going to the Guidelines and Submission page of www.ALSFGrants.org.

Part I: Online Form

A. Contact Information

Applicant will be asked for basic contact information for themselves and their institution. Applicants will be asked to submit a payable contact, should the project be funded.

B. Project Overview and Layman's Summary

In respective sections enter project title, request amount, type of childhood cancer project focuses on, as well as a 250 words summary of the research project in layman's terms. (You will be asked to release this summary for use at ALSF's discretion should proposal be funded.) You may copy and paste information from other documents into these sections.

Part II: Application Outline

- All sections described below should be combined into one pdf (max 10 MB) and uploaded to the ALSF online form.
- All templates mentioned can be found on the Grants Guidelines and Submission page of the ALSF website www.ALSFGrants.org.
- All pages of the application should be numbered; the name of the principal investigator should appear in the upper right-hand corner of each page.
- Please follow NIH font guidelines: Arial, Helvetica, Palatino Linotype, or Georgia fonts with a font size of 11 points or larger with minimum of ½ inch margins.
- The order of the application should be as follows, adhering to the maximum number of pages allowed for each subsection indicated in parentheses.

A. Cover Page (1 page)

Use the document provided on the ALSF website (link above).

B. Table of Contents (1 page)

Please provide a Table of Contents with page numbers to the corresponding sections.

C. Project Information

a. Impact Statement (1/2 page)

How will this project add to the overall knowledge of the epidemiology of childhood cancer and eventually impact pediatric cancer patients?

b. Scientific Abstract (1/2 page)

Please include a summary of the research objectives and rationale.

c. Budget/Justification (3 pages)

Use the ALSF Grant Application Budget template on the ALSF website. No indirect costs will be paid. The signature from an institutional representative on the cover page of this grant application specifically acknowledges and accepts this provision.

d. Biographical Sketch (es)

Use the PHS 398 four page biographical sketch format for the principal investigator and any key personnel.

e. Project Details

i. Specific Aims (1 page)

List the goals, long-term objectives and what the specific research proposed in this application is intended to accomplish. State the hypotheses to be tested and relevance to pediatric cancer research.

ii. Background and Significance (2 pages)

Briefly describe the relevant background for the current research plan. State the significance and importance of your proposed project with respect to pediatric cancer research by relating the specific aims to the goals and long-term objectives.

iii. Preliminary Studies (2 pages)

Provide an account of the principal investigator's preliminary studies pertinent to the application.

iv. Experimental Approach and Research Design (4 pages)

Describe the experimental approach to the research question. Emphasize innovation and describe how research will be realistically accomplished within the proposed funding period. A time line is highly encouraged. Special review emphasis will be placed on the investigators anticipation of potential problems and plans to deal with these.

v. Human Subjects (1/2 page)

Include copies of relevant documentation, including IRB approval letter. If approval letter is pending or not applicable please note here. If letter is pending and application is awarded funds will be held until letter is received

vi. Vertebrate Animals (1/2 page)

Include copies of relevant documentation, including I.A.C.U.C approval letter. If approval letter is pending or not applicable please note here. If letter is pending and application is awarded funds will be held until letter is received.

vii. Literature Cited

A maximum of 30 references are allowed. Please use Vancouver Format.

viii. Collaborators and/or Consultants

Include any appropriate letters here from all individuals confirming their roles in the project.

ix. Resubmissions (2 pages)

If this proposal was submitted previously and received funding, please highlight progress that has been made. If it did not receive funding, please describe any changes in the application i.e. change in experimental design or new data.

D. Appendix

- Appendices should be included only if essential to the understanding of the application and are limited to 1 accepted manuscript or 2 pages of additional information and figures.
- Applications with excessive appendices will cause the application to be rejected administratively.