



Research Funding Opportunity

Application Instructions

Purpose

The objective of this funding opportunity from the American SIDS Institute is to support research related to sudden unexpected infant death (SUID). Priority will be given to (1) young investigators or other investigators with a new SUID-related research focus, and (2) proposals having high potential for leading to extramural research funding. The number of awards will be contingent upon available funds and the submission of a sufficient number of meritorious applications. Budgets may include technical salary support, but investigator salary support and indirect costs may not be included. Awards are for a maximum of \$70,000 divided over 2 years.

Priority will be given to young investigators proposing research related to one of the top ten research priorities recently identified by the US Global Action and Prioritization of Sudden Infant Death (GAPS) Project. These include:

1. Physiological mechanisms leading to death and how they interact with behavioral risk factors, e.g. prone (front)-sleeping.
2. The role of genetic factors in SUID.
3. Social and cultural factors affecting parental choices in sleep practices and responses to risk reduction campaigns.
4. Role of abnormal or immature brain anatomy and physiology.
5. Systematic collection and sharing of death scene data from SUID and non-SUID deaths to allow better case control studies.
6. How infants control oxygen desaturation and arousal to allow a better understanding of SUID mechanisms.
7. Mechanisms for SUID at different ages.
8. Developing and evaluating new ways to make safe sleep campaigns more effective.
9. Identifying specific biomarkers to differentiate between natural causes, accidental asphyxia, and SIDS.
10. Better understanding of the risks of sharing any sleep surface with an infant, notably how it interacts with other factors, including feeding practices, to make it more or less risky.

Proposals related to the study of sudden unexpected intrauterine death, sudden death in children, or sudden death in epilepsy may also be responsive. However, applicants will need to clearly explain how their proposal will advance our understanding of SUID. Although priority will be given to human studies, animal studies may be responsive if based on a relevant animal model and relevance to the research priorities listed above is fully justified. Proposals for the development of equipment or devices will not be responsive.

Instructions for Submitting Research Application

Formatting

- Arial 11
- Single space
- One inch margins

Application (in this order, each section starting on a new page; NIH format preferred)

1. Face page, including contact information for P.I. and institution business or grants management office
2. Abstract: Limit 250 words (lay language)
3. Specific Aims: Limit 1 page
4. Key Personnel
5. Research Strategy_(limit 6 pages)
 - a. Significance
 - b. Innovation
 - c. Preliminary data
 - d. Approach
 - e. Analysis
 - f. Summary, including how successful completion of this project will enhance continuing research career development of the investigator
6. Bibliography
7. Biosketch for all key personnel (limit 5 pages, using NIH format): see <http://grants.nih.gov/grants/forms/biosketch.htm>
8. Budget

The maximum allowed is **\$70,000** for a 2- year proposal, with **\$35,000** the amount for each year. The budget should include requested salary support for technical personnel (including fringe benefits). No support is allowable for investigator salary or for indirect costs. The budget should include travel support for \$1,000 second year to attend the annual September meeting of the American Association of SIDS Prevention Physicians (AASPP) to present research progress or study results.

The budget should list all expenses for the 1st year and a summary for the 2 years combined. Second-year funding will depend on review of the progress report submitted in the final quarter of Year 1.
9. Budget Justifications

Each budget item needs to be justified, including percent effort for any requested technician salary support and total cost for supplies. If requesting that the total award be allocated differently than \$35,000 each year, the justification for this needs to be included.
10. Facilities and other Resources

Each applicant should describe the facilities and resources available to support the proposal, including statistical support.
11. Letter of Support

A letter of support is required from the applicant's supervisor or department chair. This letter needs to confirm administrative support for successful completion of this research proposal, and assurance that the applicant will have sufficient protected time for successful completion.

Review Criteria

Significance: Is the focus of this proposal consistent with the GAPS research priorities? Does the project address an important problem or a critical barrier to progress in the field?

Investigator: Is the P.I. well suited to the project? Does the P.I. have the necessary and relevant research training?

Innovation: Does the application challenge and seek to shift current research or clinical practice paradigms by utilizing novel concepts, approaches or methodologies, instrumentation, or interventions? Is the proposal a refinement, improvement, or new application of theoretical concepts, approaches or methodologies, instrumentation, or interventions?

Approach: Are the overall strategy, methodology, and analyses well-reasoned and appropriate to accomplish the specific aims of this project? Based on the timeline provided, how likely is it that the study will be completed within the project period? Are the outcomes proposed appropriate to address the study objectives? To what extent will the results of the proposed study lead to future extramural funding?

Environment: Will the scientific environment be sufficient for a high probability of success? Are the institutional support, equipment and other physical resources available to the P.I. adequate for the project proposed? Will the project benefit from unique features of the scientific environment, available populations, or collaborative arrangements?

American SIDS Institute Contact

Any inquiries regarding completion of this application for research funding should be directed to:

- Email: research@sids.org
- Telephone: 239-431-5425

Submission Deadline

All applications must be submitted no later than **Friday, July 21, 2017**. The anticipated date of award will be January 1, 2018. Applications must be submitted electronically, as a single PDF file in the order indicated above, and should be paginated. Applications should be forwarded to the American SIDS Institute at: research@sids.org