2017 NEONATAL RESUSCITATION PROGRAM®
NRP® RESEARCH GRANT & NRP YOUNG INVESTIGATOR AWARD GUIDELINES

BACKGROUND

Funds are available from the American Academy of Pediatrics Neonatal Resuscitation Program® (NRP®) to support research that furthers knowledge in the area of neonatal resuscitation. These funds may be used to generate pilot data to allow the investigator to develop the basis for an application for independent research support through conventional granting mechanisms.

There are two types of grant awards available – an NRP Research Grant and a Young Investigator Award. The number of awards and grants to be awarded annually will be based on funds available for the current year, the number of grant applications received, the quality of those applications and the amount of funding requested.

AREA OF STUDY INTEREST

The Neonatal Resuscitation Program was initiated in 1987. Since that time more than 70,000 health care professionals have been trained as NRP Instructors and almost 4 million have been trained as providers. The NRP Steering Committee is interested in the effect of this program on neonatal morbidity and mortality as well as other interventions that may improve the outcome of neonatal resuscitation.

The Committee is particularly interested in proposals that will investigate how NRP impacts neonatal outcomes, projects that examine the educational methodologies and simulation technologies that pertain to neonatal resuscitation, and those that explore the optimal methods of evaluating the cognitive, technical and behavioral skills necessary for successful resuscitation of the newborn.

In addition, the Committee remains very interested in clinical and basic research that advances the evidence base supporting resuscitation practices and treatment recommendations. Major areas of interest include but are not limited to:

- Human factors impact on delivery room resuscitation
- Use of ventilation devices and approaches to initial ventilatory support immediately following birth
- Use of oxygen of varied concentrations and the impact on the effectiveness of resuscitation and outcome
- Optimal delivery of chest compressions in the newborn
- Optimization of NRP education

These topics are more fully outlined in the accompanying document Research Priorities for 2017.

Submitted studies may be basic science, clinical, epidemiological or educational research pertaining to the broad area of neonatal resuscitation; submissions in the areas designated as research priorities are highly encouraged.

Please note the NRP Research Grant Program should not be considered as a source of funding for implementation and dissemination of the Helping Babies Survive Program.
APPLICATION PROCEDURES

Potential applicants for either the NRP Research Grant or the NRP Young Investigator Award must submit an intent for application to the NRP Steering Committee by Friday, April 7, 2017.

The intents will be reviewed and the committee will ask a select group to submit full proposals. Those selected will receive a full application from the AAP Division of Life Support Programs on or before Friday, May 26, 2017.

Completed full applications must be received by the AAP Division of Life Support Programs on or before Friday, July 28, 2017. Applicants will be informed of the decision regarding their application by Friday, December 1, 2017. Funds will be distributed in 2018.

Applicants can apply for either a NRP Research Grant or NRP Young Investigator Award, not both.

ELIGIBILITY

Any health care professional from a US or Canadian medical institution is invited to apply for the NRP Research Grant. Submissions including investigators practicing in countries other than the U.S. or Canada must demonstrate a substantive role of the US or Canadian investigator(s) in the research process. Moreover, projects that are to be conducted outside of the US or Canada must have approval of a US or Canadian Institutional Review Board (IRB). All investigations should follow the intellectual property guidelines of standard academic journals (eg, New England Journal of Medicine).

The NRP Young Investigator Award is only available to students, post docs, residents, fellows-in-training or those professionals who are no more than four years out of their fellowship.

Please note that all funds will be awarded to the applicant's institution.

BUDGET GUIDELINES

Requests can include costs for supplies, minor equipment, and salaries for support personnel. Funds are not to be used for faculty salaries (including the primary investigators) or indirect costs. Time and efforts of physician trainees or technical support can be included in the budget; however, the requested expense for their time must be clearly justified. Travel reimbursement is limited to up to $1,000 for local travel for research purposes and travel to locations with pertinent resources for the proposed study. IRB fees up to $1,000 may be included in the budget.

NRP Research Grant applications may request funding in amounts up to $50,000 US dollars.

NRP Young Investigator Award application funding requests should not exceed $15,000 US dollars.

Funding is for one year; however, a non-funded extension up to one year may be requested.

INTENT FOR APPLICATION

Each applicant for the NRP Research Grant or the NRP Young Investigator Award is required to submit the following information electronically:

1.) Completed Intent For Application
2.) Proposal abstract (not to exceed one page).
3.) Curriculum vita (not to exceed three pages).
Intent for Application Form-Research Grant Awards

The intent for application web form is to be completed in its entirety.

Abstract

The abstract is not to exceed one typewritten, single-spaced page. The page should have one-inch margins on all sides with a font size no smaller than 11 pt. It should briefly address the following considerations, as applicable to the specific project being proposed.

1. Statement of the problem
2. Hypotheses to be tested
   2.1 Primary hypothesis (including expected effect size, if applicable)
   2.2 Secondary hypotheses
3. Specific aims
4. Background
5. Experimental design and methods
   5.1 Study design
   5.2 Study population (inclusion and exclusion criteria). If animal study, specify reasons for species and animal model selection. If human study, address gender and minority issues.
   5.3 Study intervention (for clinical studies)
   5.4 Randomization/allocation procedure (if relevant)
   5.5 Methods of data analysis and sample size estimates
   5.6 Risks/benefits (clinical studies)
6. Anticipated results, potential problems, and alternate approaches
7. Relevance to NRP

Curriculum Vita

Please include a brief curriculum vita or biographic sketch (not to exceed three pages in length). This can be attached within the electronic application.

Support Letter

Each application is to be accompanied by a letter of support from the department chair or supervisor assuring approval of the planned study. This can be attached within the electronic application, or e-mailed to lifesupport@aap.org.

Intent for Application Form-Young Investigator Awards

The intent for application web form is to be completed in its entirety.

Abstract

The abstract is not to exceed one typewritten, single-spaced page. The page should have one-inch margins on all sides with a font size no smaller than 11 pt. It should briefly address at least the following considerations.

1. Statement of the problem
2. Hypotheses to be tested
   2.1 Primary hypothesis (including expected effect size, if applicable)
   2.2 Secondary hypotheses
3. Specific aims
4. Background
5. Experimental design and methods
   5.1 Study population (inclusion and exclusion criteria). If animal study, specify reasons for species and animal model selection. If human study, address gender and minority issues.
   5.2 Study design. Include number of subjects in each group, total number of study groups, description of intervention(s), data to be collected.
   5.3 Randomization/allocation procedure (if pertinent)
   5.4 Methods of data analysis and sample size estimates
   5.5 Risks/benefits (for human studies)
6. Plan for evaluating the results—including specific statistical methods to be used for each type of data generated by the study
7. Relevance to NRP

Curriculum Vita

Please include a brief curriculum vita or biographic sketch (not to exceed three pages in length). This can be attached within the electronic application.

Support letter

Please include a letter from a senior investigator specifying how he/she will assist in carrying out the research. This can be attached within the electronic application, or e-mailed to lifesupport@aap.org.

SUBMISSION PROCEDURES

Intents for application must be received by Friday, April 7, 2017 and should be submitted electronically at www.aap.org/nrp, under the “Science” section. Incomplete applications will not be accepted.

Any questions regarding the NRP Research Grant or the NRP Young Investigator Award should be directed to the AAP Life Support staff at 800/433-9016 ext. 4798 or lifesupport@aap.org.