EMF/ENA Foundation Team Grant Research Award

Please read these instructions carefully. Applications that do not follow these instructions with regards to typesize, length, format, and supporting documentation will be summarily rejected. If the grant application deadline has not passed, the application may be resubmitted after deficiencies are addressed. No extension of the deadline will be granted to allow resubmission in this cycle.

Before submitting your application, please be sure that the following items have been addressed:

- Information page is included as the first page of the application packet and is fully completed.
- Type size is no smaller than 15 characters per inch (use 12-pt. font if you are unsure)
- Evidence of IRB/AUC approval, or at least evidence of submission to IRB/AUC, from each institution, is included in application packet (for multi-centered studies, approval from or evidence of submission to IRB/AUC for all sites is required)
- Clearly stated research hypothesis
- Statement of Conditions is signed by applicant and **Institutional Fiscal Officer** and is included in application packet
- Letter of support from Emergency Medicine Chair is included in application packet
- Letter of support from each co-investigator is included in application packet
- **Other grant support for all investigators is included in application packet**
- Submission via our on-line application system is required. Late applications will not be considered. http://www.emfoundation.org/applyforagrant/

EMERGENCY MEDICINE FOUNDATION/
EMERGENCY NURSES ASSOCIATION FOUNDATION
Team Grant Research Award

GENERAL INFORMATION
2016-2017

Deadline for receipt of application - February 12, 2016
Notification of award - May 2016
Funding - July 1, 2016 - June 30, 2017

INTRODUCTION

The Emergency Medicine Foundation (EMF) and the Emergency Nurses Association Foundation (ENAF) jointly award this grant to facilitate collaboration between the disciplines and to improve clinical research in emergency care. This grant is intended for physician and nurse researchers to combine their expertise to develop, plan, and implement clinical research in emergency care.

The EMF/ENA Foundation Team Grant Research Award program awards one $50,000 grant for research over a one year period.

PURPOSE OF THE EMF/ENA FOUNDATION DIRECTED TEAM GRANT RESEARCH AWARD

This grant exists because of the donation of funds by both the Emergency Medicine Foundation and the Emergency Nurses Association Foundation. It is funded specifically to support work that arises from a true physician-nurse partnership in a clinical research area pertinent to the practice of emergency medicine. As such, the applicants must provide evidence of a true collaborative effort between physician and nurse professionals and must delineate the relative roles of the participants in terms of protocol development, data collection, and manuscript preparation.

The grant topic is open to research working toward the optimal understanding of the prevention, diagnosis, treatment and care options in emergency care.

ELIGIBILITY

Applications will be accepted from any emergency medicine physician/nurse team working full or part time in emergency care at any domestic, Joint Commission-accredited institution. The nurse principal investigator must:

- Be a current Emergency Nurses Association (ENA) member
- Not have served on the ENA Board of Directors, ENA Foundation Board of Trustees, or ENA Foundation grant review team in the immediate past three years

INSTITUTIONAL SUPPORT

The applicants must demonstrate that access to suitable caseload, patient population or database will be available for study during the funding period. The applicants must submit letters of support from their director/chair stating that adequate funds and release time will be available. **Research involving human subjects must be approved by the institutional review board (IRB), or its equivalent, and a copy of the approval or pending approval sent with this application. IRB approval must be documented prior to dispensation of EMF funds.**

EVALUATION OF APPLICATIONS

Emergency medicine specialists who are actively involved in clinical or health services emergency

medicine research will review each application. The review committee will be comprised of members of the Scientific Review Committee of the American College of Emergency Physicians (this committee performs peer review for EMF) and members of the ENA Foundation. Each application will be judged according to 1) **significance of the research to advance emergency care** , **2) demonstration of a collaborative effort between physician and nurse researchers along with the applicants' background, commitment, and potential as a researchers in emergency medicine,** 3) the scientific merit, methodology and originality of the research project, 4) appropriateness of budget, and 5) the documented willingness of the sponsoring institution to provide the necessary facilities and support to complete the projects as described. Additional elements that contribute to the score will be project feasibility and the clear statement of measurable aims. Feasibility may be enhanced by inclusion of appropriate hospital administrative leaders. Purely descriptive projects or surveys are unlikely to be successful. Preliminary data from the research institution is highly encouraged. The final funding decision will be made jointly by the Emergency Medicine Foundation Board of Trustees and the Emergency Nurses Association Foundation. All decisions are final.

TERMS OF THE AWARD

Limitations on Awards

Funds may be used for materials, supplies, services (e.g., respiratory therapy, statistical consultation), or to provide salary support for ancillary staff (e.g., technicians, data collectors). Capital equipment expenditures (cost greater than $500 and with a life of over one year) must be justified in the budget. Payments will be made to the principal investigators' institution that will be responsible for administering the funds. Neither the Emergency Medicine Foundation nor the ENA Foundation will be responsible for institutional overhead, cost for publications, travel, renovations, or secretarial support. Detailed audited financial reports may be required. EMF and ENA Foundation are not fiscally responsible for funds necessary for the project's completion.

Extension of Grant Period

In unusual circumstances, arrangements can be made for an extension of an award. Such a request must be made by the principal investigator at least 60 days before the expiration date of the award. This request must be made in writing, specify reasons for requesting the extension, and state a new expiration date. Project extensions of greater than six months will not be considered.

Change of Status of Designated Principal Investigators

If the principal investigators change affiliations or cease research in the field for which the award was made, the award will terminate and the remaining balance will be returned to the Emergency Medicine Foundation.

Location of Work

Awards are for investigations in the United States at an accredited medical school or medical center.

Liability of the Emergency Medicine Foundation and the ENA Foundation

EMF and ENA Foundation assume no financial liability for patient care responsibilities of any kind. The principal investigators and the principal investigators' institution acknowledge that the EMF and ENA Foundation are not legally liable for the conduct of the institution, the principal investigators or any associate investigators.

Patent Policy

The principal investigators and principal investigators' institution acknowledge that if a patentable invention or discovery is conceived, or conceived and reduced to practice by EMF/ENA Foundation-supported personnel during the award year, EMF and ENA Foundation must be apprised of the invention and the institution's plans for protecting such invention under existing institutional patent policy. EMF and ENA

Foundation will defer to institutional policies where they are in compliance with those of the Federal government. EMF and ENA Foundation reserve the right where the organization has no patent policy, or policies not in compliance with those of the federal government, to claim rights and interests in the invention or discovery.

SUPPORT FACILITIES

The applicants must submit letters of support if the proposed project uses facilities not routinely available to or directly under the supervision of the sponsoring program.

PUBLICATIONS

All discoveries resulting from work supported in part by EMF/ENA Foundation should be made available to the public and scientific community through scientific channels such as national meetings and peer reviewed publications. Publications will acknowledge the support of the Emergency Medicine Foundation and the ENA Foundation. Four reprints of each publication should be forwarded to the Emergency Medicine Foundation.

PROGRESS REPORTS AND MONEY MANAGEMENT

The principal investigator is required to submit a six-month progress report and a final progress report within thirty days of the conclusion of the award year. Additional reports may be required. Failure to provide such reports will delay transmission of funds. Furthermore, failure to provide interim and final reports to the Foundation may negatively impact your institution's ability to apply for future EMF awards. EMF will maintain the copyright of all such reports. Progress reports must include an accounting report using Generally Accepted Accounting Procedures showing the distribution of funds with a signature from an institutional official (e.g., accountant, grants manager, administrator from the Office of Sponsored Research). The EMF reserves the right to with hold release of interim funds if >25% of the previous cycle remains unspent. The EMF allows up to 25% of funds to be carried over from one cycle to the next.

SURVEYS

Grant recipients and their institutions will be surveyed periodically following completion of the award regarding career paths, subsequent grants/contracts obtained, and publications. Recipients and their institutions will be expected to respond to these surveys as the Foundations rely on such information to support continuation of the award program.

GRANTEE WORKSHOP

Grant recipients will be expected to attend a grantee workshop. The workshop is designed to bring together EMF grant recipients to present their progress and discuss any problems they may be facing. Senior researchers and faculty will be available to help solve problems that are potentially bogging down research projects, manage staff, and balance life. Travel expenses will be reimbursed by the Emergency Medicine Foundation.

RESEARCH FORUM

Awardees are required to present their work at the American College of Emergency Physicians Scientific Assembly/Research Forum immediately following the completion of the award year as a poster presentation. Funds cannot be requested to cover the travel cost to attend the Research Forum, although the Scientific Assembly/Research Forum registration fee is waived for the presenter.

APPLICATION INSTRUCTIONS

Submission in electronic format is required. No paper copies please. Please fill out the detailed questionnaire about your grant application on the link on our EMF grant page. Be prepared to submit information about your project including where the name and address of your institution, detailed information about where the check will be sent, and names of your mentor, fiscal officer, etc. Once the "questionnaire" is completed, you will need to press submit then you will be guided to the next page where you can upload your application in a PDF format. Please note, the completed file cannot be larger than 10MB. **INCOMPLETE PROPOSALS OR PROPOSALS RECEIVED AFTER THE DEADLINE DATE INDICATED UNDER GENERAL INFORMATION WILL NOT BE CONSIDERED.**

> Historically, getting the signatures on the application has been the main delay in meeting the grant deadline due to sick leave, vacations, business travel, etc. We suggest that you start getting the signatures as soon as possible so you do not miss the grant deadline. Once the deadline passes, we cannot accept the application.

Use English only and avoid jargon and unusual abbreviations. For terms not universally known, spell out the term the first time it is used with the appropriate abbreviation in parentheses; the abbreviation may be used thereafter. Type the application, single spaced, and stay within the margin limitations indicated on the forms and continuation pages. The type must be clear and readily legible, no smaller than 15 characters per inch (If in doubt, use 12 pt. font). Finally, there must be no more than six lines of text within a vertical inch. Use black type; do **not** use photo-reduction.

Do **not** submit an incomplete application. **An application will be considered incomplete if it is illegible, if it fails to follow instructions, or if the material presented is insufficient to permit an adequate review**. Unless specifically required by these instructions (e.g., human subjects certification, vertebrate animals verification) do **not** send supplementary material.

The application is to be submitted using the enclosed forms. Number the pages consecutively at the bottom throughout the application. Do not use suffixes such as 5a, 5b. Type the name of the preceptor at the top of each printed page. **AN APPLICATION WILL NOT BE CONSIDERED IF PAGE LIMITATIONS ARE NOT OBSERVED**.

The application consists of the following sections:

1. INFORMATION PAGE

Name the physician and nurse responsible to the applicants' organization for the scientific and technical direction of the project. Choose a title that is descriptive and specifically appropriate, rather than general. List any associate investigators if applicable.

2. ABSTRACT

Brief summary of research proposal. Include rationale, research hypothesis, specific aims, and significance.

3. TABLE OF CONTENTS

4. INTRODUCTION TO REVISED APPLICATION, if applicable. (limit 2 pages)

EMF will consider revised proposals, and two additional pages are provided to introduce reviewers to the revised proposal. Key things to keep in mind when submitting a revised grant:

a. The introduction to the revision should provide a concise summary of reviewers' comments from the previous application and should, point-by-point, discuss how the revised application has addressed these concerns.

b. Revised applications are not reviewed outside of the normal review process. Such applications may be more competitive than first-time submissions, but not necessarily so.

c. Revised applications are reviewed as new science. Revised applications will not automatically be considered better applications within the review process.

d. In the event of a resubmission, the committee will attempt to return applications to their original reviewers when possible. However, regular turn-over of the committee membership prevents the SRC from guaranteeing that a grant will be reviewed by the same individuals reviewing the original application.

5. RESEARCH PROPOSAL (limit 6 pages)

Use the NIH form Continuation Format Page available on the internet at www.grants.nih.gov/grants/funding/phs398/phs398.html#

Please use the following subheadings:

Specific Aims

- State concisely the goals of the proposed research and summarize the expected outcome(s), including the impact that the results of the proposed research will exert on the research field(s) involved.
- List succinctly the specific objectives of the research proposed, e.g., to test a stated hypothesis, create a novel design, solve a specific problem, challenge an existing paradigm or clinical practice, address a critical barrier to progress in the field, or develop new technology.
- Specific Aims are limited to one page.

Significance

- Explain the importance of the problem or critical barrier to progress in the field that the proposed project addresses.
- Explain how the proposed project will improve scientific knowledge, technical capability, and/or clinical practice in one or more broad fields.
- Describe how the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field will be changed if the proposed aims are achieved.

Innovation

- Explain how the application challenges and seeks to shift current research or clinical practice paradigms.
- Describe any novel theoretical concepts, approaches or methodologies, instrumentation or interventions to be developed or used, and any advantage over existing methodologies, instrumentation, or interventions.
- Explain any refinements, improvements, or new applications of theoretical concepts, approaches or methodologies, instrumentation, or interventions.

Approach

- Describe the overall strategy, methodology, and analyses to be used to accomplish the specific aims of the project.
- Discuss potential problems, alternative strategies, and benchmarks for success anticipated to achieve the aims.

- If the project is in the early stages of development, describe any strategy to establish feasibility, and address the management of any high risk aspects of the proposed work.
- Preliminary Studies. Include information on Preliminary Studies. Discuss the PD/PI's preliminary studies, data, and or experience pertinent to this application. Preliminary data can be an essential part of a research grant application and help to establish the likelihood of success of the proposed project.

6. DESCRIPTION OF THE AWARD YEAR (limit 1 page)
Use the NIH Continuation Format Page available on the internet at
www.grants.nih.gov/grants/funding/phs398/phs398.html#

Outline the proposed work plan and proposed educational activities, including estimated times of completion.

7. DESCRIPTION OF THE PARTNERSHIP EFFORT BETWEEN THE EMERGENCY PHYSICIAN AND NURSE APPLICANTS (limit 1 page)
Use the attached NIH Continuation Format Page

The principal physician investigator and the principal nurse investigator should jointly compose a description of how the proposed project is truly a partnership effort between emergency physicians and nurses.

8. PERSONAL STATEMENTS (limit 1 page each)
Use the NIH Continuation Format Page available on the internet at
www.grants.nih.gov/grants/funding/phs398/phs398.html#

Both the principal physician investigator and the principal nurse investigator should compose and submit a personal statement that addresses:

a. each applicant's specific role in the development of the collaborative effort
b. each applicant's interest in the topic and this project
c. any additional pertinent experience or interests that either applicant wishes the committee to consider

9. ROLE OF PARTICIPANTS (limit 1 page)
Use the NIH Continuation Format Page available on the internet at
www.grants.nih.gov/grants/funding/phs398/phs398.html#

List the principal physician investigator, the principal nurse investigator, and each associate investigator and consultant. Include a brief description of how and to what extent each will be involved in the proposed project.

10. BIOGRAPHICAL SKETCHES
Use the NIH Biographical Sketch Format Page available on the internet at
www.grants.nih.gov/grants/funding/phs398/phs398.html#

Information is requested for the applicants and any associate investigators who will be involved with the projects. The new 4 page NIH format has been adopted. Description of projects should include title, funding source, specific aims, overall goals and role/responsibilities of individual on project.

11. RESOURCES AND ENVIRONMENT

Use the NIH Resources Format Page available on the internet at
www.grants.nih.gov/grants/funding/phs398/phs398.html#

Describe the research facilities (laboratory space, clinical population, etc.) available. If computer access or statistical support is available, it should be described in this section.

12. BUDGET

Use the NIH Form Detailed Budget for Initial Budget Period. Please download from the NIH website available on the internet at www.grants.nih.gov/grants/funding/phs398/phs398.html#
Indicate how the money will be spent. Justify all materials and supplies.

13. OTHER SUPPORT

Use the NIH form Continuation Format Page available on the internet at
www.grants.nih.gov/grants/funding/phs398/phs398.html#

List all current and pending intramural and extramural research funding for the applicant, preceptor and co-investigators. For each item indicate the grant identification number, grant type, PI, funding source, annual direct costs, funding period, percent effort, grant title, and brief description of project. For all items indicate whether there is any scientific or budgetary overlap with the current proposal.

14. ETHICS

Use the NIH form Continuation Format Page (no page limit) available on the internet at
www.grants.nih.gov/grants/funding/phs398/phs398.html#

Human subjects. For all research involving human subjects, a part of the peer review process will include careful consideration of protections from research risks, as well as the appropriate inclusion of women, minorities, and children. The EMF Scientific Review Committee (SRC) will assess the adequacy of safeguards of the rights and welfare of research participants, and the appropriate inclusion of women, minorities, and children, based on the information in the application. This evaluation will be factored into the overall score. The information on the protection of human subjects that you are required to provide in this section is identical to information that you will be required to provide for IRB at your own institution and are required by most Federal agencies. This section must address the following items. These can be copied and pasted directly into your application.

The applicant should include specific measures on how protected health information (as defined by the Human Health Services) will be handled in accordance with the Privacy Rule of the Health Insurance Portability Accountability Act (HIPAA)."

1. RISKS TO THE SUBJECTS

a. Human Subjects Involvement and Characteristics

Describe the proposed involvement of human subjects in the work outlined in the Research Design and Methods section. Describe the characteristics of the subject population, including their anticipated number, age range, and health status. Identify the criteria for inclusion or exclusion of any subpopulation. Explain the rationale for the involvement of special classes of subjects, such as fetuses, neonates, pregnant women, children, prisoners, institutionalized individuals, or others who may be considered vulnerable populations. Note that 'prisoners'

includes all subjects involuntarily incarcerated (for example, in detention centers) as well as subjects who become incarcerated after the study begins. List any collaborating sites where human subjects research will be performed, and describe the role of those sites in performing the proposed research.

b. Sources of Materials

Describe the research material obtained from living human subjects in the form of specimens, records, or data.
Describe any data that will be recorded on the human subjects involved in the project.
Describe the linkages to subjects, and indicate who will have access to subject identities.
Provide information about how the specimens, records, or data are collected and whether material or data will be collected specifically for your proposed research project.

c. Potential Risks

Describe the potential risks to subjects (physical, psychological, social, legal, or other), and assess their likelihood and seriousness to the subjects.
Where appropriate, describe alternative treatments and procedures, including the risks and benefits of the alternative treatments and procedures to participants in the proposed research.

2. ADEQUACY OF PROTECTION AGAINST RISKS

a. Recruitment and Informed Consent

Describe plans for the recruitment of subjects (where appropriate) and the process for obtaining informed consent. If the proposed studies will include children, describe the process for meeting requirements for parental permission and child assent.
Include a description of the circumstances under which consent will be sought and obtained, who will seek it, the nature of the information to be provided to prospective subjects, and the method of documenting consent. Informed consent document(s) need not be submitted to the PHS agencies unless requested.

b. Protection Against Risk

Describe planned procedures for protecting against or minimizing potential risks, including risks to confidentiality, and assess their likely effectiveness. Where appropriate, discuss plans for ensuring necessary medical or professional intervention in the event of adverse effects to the subjects. Studies that involve clinical trials (biomedical and behavioral intervention studies) must include a description of the plan for data and safety monitoring of the research and adverse event reporting to ensure the safety of subjects.

3. POTENTIAL BENEFITS OF THE PROPOSED RESEARCH TO THE SUBJECTS AND OTHERS

Discuss the potential benefits of the research to the subjects and others.
Discuss why the risks to subjects are reasonable in relation to the anticipated benefits to subjects and others.

4. IMPORTANCE OF THE KNOWLEDGE TO BE GAINED

Discuss the importance of the knowledge gained or to be gained as a result of the proposed research.
Discuss why the risks to subjects are reasonable in relation to the importance of the knowledge that reasonably may be expected to result.

5. DATA AND SAFETY MONITORING PLAN (if applicable)

If your research includes a clinical trial, create a heading entitled "Data and Safety Monitoring Plan."
Provide a general description of a monitoring plan that you plan to establish as the overall framework for data and safety monitoring.

Vertebrate Animals. For all applications involving vertebrate animals, the applicant must address the following five items. These five points may be copied and pasted directly into the application.

1. Provide a detailed description of the proposed use of the animals in the work outlined in the Research Design and Methods section. Identify the species, strains, ages, sex, and numbers of animals to be used in the proposed work.
2. Justify the use of animals, the choice of species, and the numbers to be used. If animals are in short supply, costly, or to be used in large numbers, provide an additional rationale for their selection and numbers.
3. Provide information on the veterinary care of the animals involved including the name of the supervising veterinarian. Include information from the Association for Assessment and Accreditation of Laboratory Animal Care International: the name of the accredited parent organization (e.g., University of X) and the certificate number and date of last inspection.
4. Describe the procedures for ensuring that discomfort, distress, pain, and injury will be limited to that which is unavoidable in the conduct of scientifically sound research. Describe the use of analgesic, anesthetic, and tranquilizing drugs and/or comfortable restraining devices, where appropriate, to minimize discomfort, distress, pain, and injury.
5. Describe any method of euthanasia to be used and the reasons for its selection. State whether this method is consistent with the recommendations of the Panel on Euthanasia of the American Veterinary Medical Association. If not, present a justification for not following the recommendations

14. LITERATURE CITED

15. APPENDIX

Include letters of support from the department chairs, and associate investigators (required). No page numbering is necessary for Appendix. The appendix can include

- Up to 5 publications, manuscripts (***accepted*** for publication), abstracts, patents, or other printed materials directly relevant to this project. *Do not include manuscripts* ***submitted*** *for publication*.
- Publications in press: Include only a publication list with a link to the publicly available on-line journal article or the NIH PubMed Central (PMC) submission identification number. Do not include the entire article.
- Manuscripts accepted for publication but not yet published: The entire article should be submitted and may be stapled.
- Manuscripts published but an online journal link is not available: The entire article should be submitted and may be stapled.

- Surveys, questionnaires, data collection instruments, clinical protocols, and informed consent documents. These may be stapled as sets.
- Original glossy photographs or color images of gels, micrographs, etc., provided that a photocopy (may be reduced in size) is also included within the 25-page limit of *Items a-d* of the research plan. *No photographs or color images may be included in the Appendix that are not also represented within the Research Plan.*

Do not use appendix to circumvent page limitations for research plans. Do not include experimental methods, protocols or figures that should be incorporated within the research project description.

Applicant/Preceptor (*Last, first, middle*): _____

EMERGENCY MEDICINE FOUNDATION

TABLE OF CONTENTS

Page Numbers

Emergency Medicine Foundation
Information Page

Full Name with Titles:_____

Name of Institution:_____

Grant Category:_____

Project Title:_____

Amount Requesting:_____

Mentor, if applicable:_____

Applicant/Preceptor (*Last, first, middle*): _____

INTRODUCTION TO REVISED APPLICATION, if applicable. (Limit 2 pages)

EMF will consider revised proposals, and two additional pages are provided to introduce reviewers to the revised proposal. Key things to keep in mind when submitting a revised grant:

a. The introduction to the revision should provide a concise summary of reviewers' comments from the previous application and should, point-by-point, discuss how the revised application has addressed these concerns.
b. Revised applications are not reviewed outside of the normal review process. Such applications may be more competitive than first-time submissions, but not necessarily so.
c. Revised applications are reviewed as new science. Revised applications will not automatically be considered better applications within the review process.
d. In the event of a resubmission, the committee attempts to return applications to their original reviewers. However, regular turn-over of the committee membership prevents the SRS from guaranteeing that a grant will be reviewed by the same individuals who reviewed the original application.

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME	POSITION TITLE
eRA COMMONS USER NAME (credential, e.g., agency login)	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	MM/YY	FIELD OF STUDY

Please refer to the application instructions in order to complete sections A, B, C, and D of the Biographical Sketch.

RESOURCES AND ENVIRONMENT

FACILITIES: Specify the facilities to be used for the conduct of the proposed research. Indicate the performance sites and describe capacities, pertinent capabilities, relative proximity, and extent of availability to the project. Under "Other," identify support services such as machine shop, electronics shop, and specify the extent to which they will be available to the project. Use continuation pages if necessary.

Laboratory:

Clinical:

Animal:

Computer:

Office:

Other:

MAJOR EQUIPMENT: List the most important equipment items already available for this project, noting the location and pertinent capabilities of each.

Principal Investigator/Program Director *(Last, first, middle)*

STATEMENT OF CONDITIONS GOVERNING THE
EMERGENCY MEDICINE FOUNDATION GRANT

It is understood that any Emergency Medicine Foundation Research Grant approved by the Emergency Medicine Foundation will be made with the following conditions:

1. Institutional overhead is not allowed.

2. The principal investigator's institution is associated or organized for humanitarian purposes and is not a profit making organization.

3. All reports of work achieved with this grant will acknowledge the support of the Emergency Medicine Foundation and his or her co-sponsor, if applicable.

4. Any discovery that arises from work supported in part by the Emergency Medicine Foundation will be submitted for publication. Two copies of each publication will be furnished to the Emergency Medicine Foundation.

5. Independent progress reports by the applicant will be submitted to the Emergency Medicine Foundation mid-project, and within thirty days of completion of the funding period. Additional reports may be required. The Emergency Medicine Foundation will maintain the copyright of all such reports.

6. Participation in Emergency Medicine Foundation recognition reception during the American College of Emergency Physicians Scientific Assembly is required. Grant money may not be used for travel to this event.

7. Participation in the Emergency Medicine Foundation Grantee Workshop is required. The Grantee Workshop will be held in Dallas, TX. Grant funds may not be used for travel, however, the Emergency Medicine Foundation will reimburse travel expenses.

8. Participation in Research Forum to give a poster and lightning oral presentation is required. This event takes place at the end of your project. Research Forum is held each year during the American College of Emergency Physicians Scientific Assembly. Grant money may not be used for travel.

9. If all requirements are met, funding will begin on July 1st. The Emergency Medicine Foundation reserves the right to terminate payments under this grant at its sole discretion.

10. If the named principal investigator leaves the institution or terminates research in the designated field, all remaining funds revert to the Emergency Medicine Foundation. If unused funds exist at the completion of the project, all remaining funds revert to the Emergency Medicine Foundation.

11. Patent rights will conform to institutional standards. If none exist, the Emergency Medicine Foundation reserves the right to protect such interests.

12. No research proposal will be funded unless the principal investigator and the Fiscal Officer of the sponsoring institution affirm:

a. That the investigation(s) proposed in this application are endorsed by the Animal and/or Human Subjects Committee or other designated body of the preceptor's institution, and
b. That any research involving human subjects conforms with the principles of the Helsinki Code of the World Medical Association, and
c. Research involving animals or human subjects must be approved by the institutional review board (IRB), or its equivalent, and a copy of the approval or pending approval sent with this application. IRB approval must be documented prior to dispensation of Emergency Medicine Foundation funds.
d. That research involving vertebrate animals will conform with the "Guiding Principles in the Care and Use of Animals" as approved by the Council of the American Physiological Society.
e. Research involving vertebrate animals must have approval from the institutional Animal Care and Use Committee.

_____ /_____

Date Signature of Principal Investigator Type Name of Principal Investigator

_____ /_____

Date Signature of Mentor, if applicable Type Name of Mentor

_____/_____

Date Signature of Fiscal Officer Type Name of Fiscal Officer