



**AMR Foundation for Research and Education/NAEMSP
EMS Fellowship Research Grant
Call for Proposals**

Application Deadline: November 15, 2021
Notification of Award: December 15, 2021
Funding Period: December 15, 2021 - June 30, 2022
Funding Amount: \$5,000 per grant
Number of Grants: up to 2

RESEARCH TOPIC: This grant is intended to sponsor prehospital care research.

ELIGIBILITY: The applicant (principal investigator) must be a fellow in an ACGME accredited EMS Fellowship during the 2021 - 2022 academic year. The applicant must also be an NAEMSP member. The principal investigator will make all arrangements for conduct of the proposed research projects and assume responsibility for conducting the research projects and supervising the work of all associate investigators.

INSTITUTIONAL SUPPORT: The applicant is required to demonstrate that the project will be successfully completed at their institution. The applicant must demonstrate that access to a suitable caseload, patient population or database will be available for study during the funding period. **IRB approval must be documented prior to dispensation of grant funds.** The applicant must also submit a letter from the fellowship program director stating that adequate funds and time will be available to the applicant to complete the proposed project.

EVALUATION OF APPLICATIONS: Each application will be reviewed by a work group from NAEMSP's Research Committee. Each application will be judged primarily on:

- (1) the significance of the project to EMS,
- (2) the soundness of the research methodology,
- (3) the likelihood the project will be completed, and
- (4) innovation.

TERMS OF AWARD:

- Awardees must cite the AMR Foundation for Research and Education/NAEMSP EMS Fellowship Research Grant as support if the research is published.
- Awardees must provide a final copy of the manuscript, or if not published, a final report of the research in the format of a research article to NAEMSP.
- Awardees must provide an IRB approval letter or proof of exemption from IRB review before the funds are released.
- Awardees must submit abstract to 2023 NAEMSP Annual Meeting.
- This grant opportunity does not cover indirect costs.

LIABILITY: The principal investigator and his or her institution acknowledge that the AMR Foundation for Research and Education and NAEMSP are not legally or financially liable for the conduct of the institution, the principal investigator, the program faculty, or any associate investigators.

APPLICATION INSTRUCTIONS

- Only [online applications](#) will be accepted.
- The application, with sections as outlined below, must be uploaded as a single PDF file.
- 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.

The application consists of the following sections:

1. INFORMATION

Please complete the information as requested on the *online form*. For the file upload, please choose a title that is descriptive and specifically appropriate, rather than general.

2. ABSTRACT (limit 1 page)

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

3. TABLE OF CONTENTS

4. RESEARCH PROPOSAL (limit 5 pages)

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. NOTE: The applicant(s) should strongly consider proposing Specific Aims that are feasible for the given budget and outline how accomplishing these aims will inform the next logical step in a series of studies that may achieve an ultimate outcome after completion of multiple studies, many of which will not be achieved with this funding mechanism (e.g., improving patient safety in the EMS setting).
- 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. Again, the applicant should be careful to propose a set of objectives that are feasible given the level of funding for this funding mechanism.
- Specific Aims are limited to one page.

Significance

- Explain the impact of the condition on the health of individuals and populations. While the funding for this mechanism may be limited, it is crucial that the applicant outline how accomplishing the proposed aims/objectives will inform a series of studies (many of which will not be accomplished with this funding mechanism).
- Explain how the potential for the study to improve healthcare and outcomes (in the future following completion of multiple studies).
- 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 any refinements, improvements, or new applications of theoretical concepts, approaches or methodologies, instrumentation, or interventions.

Approach

- Describe overall strategy, methodology, and analyses to be used to accomplish specific aims of 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 completed by the applicants or by others that inform the proposed aims/objectives/hypotheses. 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.

- If the specific aims are focused on feasibility (e.g., exploration of participation level of a targeted population), provide a clear explanation of the outcomes of interest related to feasibility (e.g., response rate, participant satisfaction/feedback with a particular data collection tool/technique, for example). Do not propose measures for the proposed specific aims that cannot be assessed given the focus on feasibility, rather than outcomes.
- Describe the measurements of interest as objective or subjective. Provide adequate support for the reliability and/or validity of proposed measures as well as a clear description of how each measure will be assessed in the study protocol and how each measure will be quantified/summarized during statistical analyses.

6. FELLOW'S PERSONAL STATEMENT (limit 1 page)

The applicant should compose and submit a personal statement that addresses:

- a. the applicant's interest in the topic and this project
- b. the applicant's perception of his/her role in the project
- c. any additional pertinent experience or interests the applicant wishes the committee to consider

7. EMS FELLOWSHIP PROGRAM DIRECTOR'S LETTER OF SUPPORT (limit 1 page)

8. EMS FELLOW'S RESEARCH MENTOR'S LETTER OF SUPPORT (limit 1 page)

Only include if the mentor is someone other than the Program Director.

9. BIOGRAPHICAL SKETCHES

Use the NIH Biographical Sketch Format Page available on the internet at <https://grants.nih.gov/grants/forms/biosketch.htm>

Information is requested for the co-principal investigators, mentor and any associate investigators who will be involved with the projects.

10. RESOURCES AND ENVIRONMENT

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

11. BUDGET

Use the NIH Form Detailed Budget for Initial Budget Period available at www.grants.nih.gov/grants/funding/phs398/phs398.html# Indicate how the money will be spent. Justify all major expenditures. Use the current NIH salary cap. Institutional overhead is not allowed.

12. OTHER SUPPORT

List all current and pending intramural and extramural research funding for the applicant, mentor 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.

13. ETHICS

Include proof of current IRB approval (if applicable) or describe plan for obtaining IRB approval (including the name of the IRB the study will be submitted to) and any relevant details of human subject protections not otherwise included in the application.

14. LITERATURE CITED

15. APPENDIX

Include any relevant letters of support from the department chairs, and associate investigators (required), or EMS agency leadership. No page numbering is necessary for Appendix. 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.