

CEME Resident Research Award Application



Fully completed and signed Applications *must be submitted electronically* no later than 11:59 p.m. EST., Monday, January 30, 2017, to ceme@nova.edu. All applicants will be notified of the awards on or after February 23, 2017. Completion date, final report, and a presentation is required at either the 2017 or 2018 NSU-COM Residency Fair/CEME Scientific Research Poster Competition. In the event a grant is awarded to support this application, the applicant and mentor agree to adhere to all award conditions specified by CEME as outlined in the guidelines which accompany this application.

Project Title

PROJECT START DATE: _____

PROJECT END DATE: _____

Name of Resident Investigator

E-Mail Address of Resident Investigator

Address of Resident Investigator

Requested Funding Amount

Name of Mentor

E-Mail Address of Mentor

Address of Mentor

Signature of Mentor (electronic)

Date

PRINCIPAL INVESTIGATOR ASSURANCE:

I certify that the statements herein are true, complete, and accurate to the best of my knowledge. I certify that individuals or entities named herein are aware of their planned or potential involvement. I agree to accept responsibility for the scientific conduct of the project.

Resident Investigator (*Electronic Signature*)

Date

Abstract

ONE PAGE

Suggestions

Summarize the proposed project outlining succinctly the objectives and methodology. Include a discussion of how the proposed study will lead to the development or completion of a larger project and/or substantive results such as a publication/presentation, etc.)

Specific Aims

ONE PAGE

Suggestions

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.

Required

- Research Question(s)
- Specific aim(s)
- Hypothesis(s) for each aim

Significance

ONE PAGE MAXIMUM

Suggestions

- 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

ONE PAGE MAXIMUM

Suggestions

- 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 intervention(s) to be developed or used, and any advantage over existing methodologies, instrumentation or intervention(s).
- Explain any refinements, improvements, or new applications of theoretical concepts, approaches or methodologies, instrumentation or interventions.
- Describe how this project is different from similar published studies -- what makes it unique?

Approach

Suggestions

Describe the overall strategy, methodology, and analyses to be used to accomplish the specific aims of the project. Include how the data will be collected, analyzed, and interpreted as well as any resource sharing plans as appropriate

Required

Sample

1. Describe the inclusion and exclusion criteria
2. Describe the sampling method (e.g., how you will select the unit of interest).
3. Describe the sample size using prior research or standard power calculations.
4. Describe recruitment plan (if applicable)

Procedures

1. Describe procedures for data collection including assignment procedures (if applicable)
2. Describe blinding protocols where applicable
3. Describe procedures for ensuring the consistency of the measurements.
4. Describe proposed statistical analysis.

Bibliography and References Cited

Suggestions

Provide a bibliography of any references cited in the Proposal. Each reference must include names of all authors (in the same sequence in which they appear in the publication), the article and journal title, book title, volume number, page numbers, and year of publication. Include only bibliographic citations. Follow scholarly practices in providing citations for source materials relied upon in preparing any section of the application.

Budget

The purpose of the budget and justification section is to present and justify all expenses required to achieve project aims and objectives. Provide a breakdown of the estimated project costs covering salaries and wages, payroll taxes and fringe benefits, consultants, computer support, communications, supplies and materials, equipment rental, other direct expenses.

Publication Plan

State concisely your plan to publish and/or present your study.

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person. **We have provided eight pages to fill out key personnel. Leave unneeded pages blank.**

Name		Title		
Education (Begin with baccalaureate and include postdoctoral training)				
Institution and Location		Degree	Year Conferred	Field of Study

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Resources and Environment

Purpose: The purpose of the resources and environment section is to describe the resources, facilities, and support available to the researcher. **If a content item is not applicable, type NA.**

▶ **Consortium / Contractual Arrangements** (*Insert NA if not applicable*)

▶ **Major equipment: (List the most important equipment items already available for this project, noting the location and pertinent capabilities of each.)** (*Insert NA if not applicable*)

▶ **Laboratory space** (*Insert NA if not applicable*)

▶ **Clinical space** (*Insert NA if not applicable*)

▶ **Fixed clinical equipment** (*Insert NA if not applicable*)

▶ **Other relevant equipment** (*Insert NA if not applicable*)

Project Timeline

Applicants should construct the project timeline to include critical milestones, measurable outcomes, and mid-term and end of project deliverables to be publicly shared as expeditiously as possible. Make certain that you budget enough time for project approval and funding.

Leadership Plan

Suggestions

Leadership Plans should address the following administrative processes and Resident Investigator responsibilities:

- Roles/areas of responsibility of the Resident Investigator
- Fiscal and management coordination
- Process for making decisions on scientific direction and allocation of resources
- Data sharing and communication among investigators
- Publication and intellectual property (if needed) policies