

# FUNDING OPPORTUNITY ANNOUNCEMENT – CENTER FOR RESEARCH IN HUMAN MOVEMENT VARIABILITY (MOVCENTR)

**Title:** Pilot Projects related to Harnessing Movement Variability to Treat and Prevent Motor Related Disorders

**Grant number:** P20GM109090

**Proposal Due Date:** March 1, 2022

**To:** University of Nebraska at Omaha Faculty members

**From:** University of Nebraska at Omaha Faculty member and Director of the MOVCENTR Dr. Nick Stergiou

**Date:** Start Date: August 1, 2022

## FUNDING OPPORTUNITY PURPOSE

Our NIH Center of Biomedical Research Excellence (COBRE) funded MOVCENTR provides a great opportunity for pilot grants to UNO faculty members. The theme of the MOVCENTR is the investigation of the mechanisms of human movement variability to treat and prevent motor related disorders. Such investigation is multidisciplinary in nature encompassing biological and behavioral sciences, mathematics, engineering, computer science, virtual reality, physics, biotechnology, and several others. Therefore, faculty members from many different disciplines could apply towards this Pilot Project mechanism. The goal of this mechanism is to enhance the development of exciting and novel research by providing support for research, the instrumentation necessary for cutting-edge biomedical research, supplies, and other associated expenses. The result from the development of this research infrastructure will be to provide opportunities for collaboration and to become involved in the biomedical research projects supported by the MOVCENTR. Our pilot research projects also allow a new investigator to develop more substantial independent external support from the NIH. Projects will be funded August 1, 2022, through July 31, 2023.

## ELIGIBILITY

Each proposal must be submitted by a person with a UNO faculty appointment that can be defined as an NIH New Investigator ([http://grants.nih.gov/grants/new\\_investigators/#definition](http://grants.nih.gov/grants/new_investigators/#definition)). Applicants must be registered in the NIH Commons as UNO institutional users. Proposals from junior investigators are highly encouraged.

## BUDGET

Budgets can be proposed for up to \$10,000. However, larger budget amounts are also negotiable with consultation with the MOVCENTR Director, Dr. Nick Stergiou.

## REVIEW AND SELECTION

Proposals will be evaluated based on likelihood of success, influence in science performed within the theme of our center, and use of funds. Projects will not begin until they have been approved by the NIH. New investigators who do not have or have not previously had NIH funding as a PI are given priority over NIH funded junior faculty and more senior faculty.

## MAJOR REVIEW CRITERIA

The review criteria used are the following: Significance, Innovation, Investigator(s), Approach, Environment, and Theme. To find detailed information about the first five criteria please see <https://grants.nih.gov/grants/peer/critiques/rpg.htm> and consider those associated with an R21. Regarding the theme, our theme is Human Movement Variability.

### **NOTICE OF INTENT**

Applicants should email Dr. Nick Stergiou and CC Ms. Angela Collins an email of intent to submit an application.

**Contact information:** [nstergiou@unomaha.edu](mailto:nstergiou@unomaha.edu), [afcollins@unomaha.edu](mailto:afcollins@unomaha.edu)

### **APPLICATION**

The application must be filled out, compiled into a single PDF, and emailed to Ms. Angela Collins by 5PM CST on March 1, 2022.

#### **The following forms must be completed:**

1. Face Page
2. Project Summary (Page 2)
3. Research Strategy Section (Maximum 6 pages)
4. Biographical Sketch of Research Project PI
5. Updated other support of Research Project PI
6. Detailed Budget with justification
7. PHS FORMS E - Human Subjects and Clinical Trials Information Form and IRB approval (if applicable)
8. IACUC approval and Vertebrate Animal Section (if applicable)

These forms can be found at: <https://grants.nih.gov/grants/funding/phs398/phs398.html>

For Guidance on the forms, visit:

<http://grants.nih.gov/grants/funding/phs398/phs398.pdf>

1. One Page of Specific Aims, page I-46
2. Pages of Research Strategy, pages I-46 & I\_47
3. Protection of Human Subjects sections 4.1, 4.2 and 4.4
  - View Protection of Human Subjects requirements at:  
<http://grants.nih.gov/grants/funding/424/SupplementallInstructions.pdf#PartII>
  - Note: Submit IRB for approval the same month the proposal is submitted

#### **NOTE**

For scientific inquiries and questions regarding the development of the application please contact Dr. Nick Stergiou at [nstergiou@unomaha.edu](mailto:nstergiou@unomaha.edu) or schedule a meeting through Angela Collins at 402-554-4486 or at [afcollins@unomaha.edu](mailto:afcollins@unomaha.edu).

#### **PILOT PROJECT PRIOR NIH APPROVAL (JUST-IN-TIME):**

In addition to the items above, if your project is selected for submission to NIH, then you also need to provide following items, as appropriate (**These items should be submitted within two weeks of notification**):

1. The IRB approval letter must approve the work proposed in the Pilot Project and the IRB protocol and your Pilot Project must be the same title.
2. Current CITI training certifications for all key personnel listed on the Project Summary Form, (form page 2).

- a. **CITI certification must be the “Coursework Requirements Report” for “Groups 1 and 2” and have the expiration date listed.**
3. Other Support document
  - See Example at: <http://grants.nih.gov/grants/funding/phs398/phs398.html>

We encourage you to begin developing these items immediately upon submission of your Pilot Project proposal. We cannot submit UNO’s portfolio of Pilot Project requests to NIH until all proposals are complete.

### **SELECTED PROPOSALS**

All selected proposals are required to complete a pilot project agreement form. Each awardee is required to present at the following Annual Conference in Human Movement Variability. Each awardee is required to acknowledge the P20GM109090 COBRE award in manuscripts resulting from pilot project funding. Each awardee is required to report any federal funding applications and awards during COBRE Phase II and COBRE Phase III.

Each awardee is required to complete the Public Health Service (PHS) Financial Conflict of Interest (FCOI) regulations Responsibility of Applicants for Promoting Objectivity in Research for which PHS Funding is Sought (42 C.F.R. Part 50, Subpart F) and Responsible Prospective Contractors (45 C.F.R. Part 94) in NuRamp at the time of submission.

FCOI compliance requires all Investigators of PHS-funded research to complete PHS Conflict of Interest training and disclose all significant financial interests to their institution. The Office of Research and Creative Activity (ORCA) will assist Investigators in this process.

To ensure that you, any other Investigators, and UNO are in compliance, please:  
Conflict of Interest disclosure:

1. Log in to NuRamp at <https://nuramp.nebraska.edu/login> using your UNO Net ID
2. Select 'COI/COC Disclosure Form' at the left side of the page under 'Quick Add Actions';
  - a. Alternatively, you may select the 'three vertical line icon' in the top left of your page, followed by COI/COC Disclosure, and then 'Add Disclosure'.
3. Select 'Start an Annual Disclosure Form'
4. Acknowledge at the bottom of the 'Policy Notice and Confidentiality Statement' page.
5. Answer the 'Overview Questions'
  - a. Your organization unit will be labeled "(ADD ORG UNIT)"
6. If you selected 'yes' on any of the overview questions, you'll be asked to provide more information as it relates to that activity
7. Complete route setup and sign off.
  - a. Your route setup will be labeled "(ADD ROUTE SETUP)"

If you have any questions concerning these FCOI regulations, the training program, or the disclosure form, please be in touch with us in ORCA at [unosponpro@unomaha.edu](mailto:unosponpro@unomaha.edu).