# Nebraska Center for the Prevention of

# Obesity Diseases through Dietary Molecules

# SEED GRANT Application Form

**Application due SEPTEMBER 30, 2017 by 5:00 PM.**

**Email pdf to** [**sgibson@unl.edu**](mailto:jwalker5@unl.edu) **or** [**jzempleni2@unl.edu**](mailto:jzempleni2@unl.edu)

**INVESTIGATORS**

Principal Investigator (PI) Click here to enter text.

Co-Investigator (Co-I) Click here to enter text.

Co-Investigator (Co-I) Click here to enter text.

**COLLEGE/INSTITUTION**(s) Click here to enter text.

**DEPARTMENT**(s) Click here to enter text.

**APPLICATION AREA (indicate one):**

**Area 1: Prevention of obesity-related diseases through dietary molecules**

**Area 2: Interactions between diet and non-coding RNAs** OR **Biomarkers of disease**

**TITLE OF PROPOSAL** Click here to enter text.

**TOTAL AMOUNT REQUESTED $** Click here to enter text.

Signature of Primary PI Applicant Date

Signature of Dept. Head Date

***General Directions:*** *Total ONE-TIME ONLY budget for each proposal should not exceed $32,000. The seed grant proposal “Research Plan,” sections A-E, has a 2 page maximum page limit. Pages must be single-spaced, have 1 inch margins, use Arial font with a font size of 11, and all pages should be numbered consecutively. To apply, your original proposal must be received in pdf format no later than 5 PM on September 30, 2017, at* [*sgibson@unl.edu*](mailto:jwalker5@unl.edu) *or* [*jzempleni2@unl.edu*](mailto:jzempleni2@unl.edu)*. Intended funding start date is December 1, 2017. Note explanations throughout. All proposals should follow this format. Non-compliant proposals will be returned without review.*

Principal Investigator (Last, First, Middle) Click here to enter text.

ABSTRACT SUMMARY DESCRIPTION State the application’s broad, long-term objectives and specific aims, making reference to the health relatedness of the project. Describe concisely the research design and methods for achieving these goals. Avoid summaries of past accomplishments and the use of the first person. This description is meant to serve as a succinct and accurate description of the proposed work when separated from the application. DO NOT EXCEED 30 LINES.

PERFORMANCE SITE(S) (organization, city, state)

Click here to enter text.

OTHER KEY PERSONNEL NOT INCLUDED ON FACE PAGE

Name Organization Role on Project

Click here to enter text.

Click here to enter text.

Click here to enter text.

## **Table of Contents**

Face Page 1

Abstract 2

Table of Contents 3

Budget

First Year 4

Overall Summary 5

Budget Justification 6

Biographical Sketch – Principal Investigator

Other Biographical Sketches

Other Support

Research Plan

A. Specific Aims

B. Background

C. Preliminary Results

D. Research Plans

E. Prospects for Future Funding

F. Bibliography

Appendix

**Budget**: Round up to nearest dollar - do not exceed maximum fundable allowance of $32,000 direct costs (no F&A). A BUDGET JUSTIFICATION MUST BE PROVIDED.

|  |  |  |
| --- | --- | --- |
| **DETAILED BUDGET FOR INITIAL BUDGET PERIOD** | From  December 1, 2017 | Through  May 31, 2018 |

|  |  |  |  |
| --- | --- | --- | --- |
| **PERSONNEL:** List all personnel, regardless of funds requested, calendar month effort, and role on project. | | | |
| Name | Role | Effort | Salary & Benefits |
|  | PI |  | $NA |
|  | Co-I |  | $NA |
|  | Co-I |  | $NA |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Personnel Total | | | $ |

|  |  |
| --- | --- |
| **EQUIPMENT:** Equipment purchases are not permissible. | |
| Equipment Total | $ |
| **SUPPLIES:** Include description, quantity, cost, etc. | |
| Supplies Total | $ |
| **OTHER:** Be specific, including any travel, detail, cost, etc. | |
| Other Total | $ |

|  |
| --- |
| Total Direct Costs $ |

**BUDGET JUSTIFICATION**

All costs must be justified relative to the specific needs of the proposed research and must be NIH and University allowable charges. The See Grant research program is designed to provide supplies and other operating support required to conduct critical preliminary experiments that are essential to establish the feasibility of future studies to be proposed to external funding agencies. Personnel (EXCLUDES FACULTY): expense is allowable – provided the need for additional personnel is justified and there are sufficient funds available in this budget to provide for all other expenses required to complete the proposed research. Equipment: Not allowable.

#### DIRECTIONS: create additional form pages as necessary and insert into proposal.

#### Biographical Sketches – PI and co-PIs (new NIH-style 5 page maximum per investigator)

**Other Biographical Sketches:** create using new NIH-style with a 5 page maximum

**Other Support:** list all present and pending research support with dates, titles, amounts, sources of funding, and the relationship and percentage of FTE to each project. (NIH format only.) In the Appendix, the PI and Co-PIs must include a copy of the abstract for each of his/her funded or pending applications.

If this Seed Grant proposal is one which has been previously submitted to an external funding agency and was not funded, include an explanation and describe how research funds will facilitate a future resubmission of the proposal.

Provide a statement to clarify the independent relationship between all presently funded research programs and the research proposed in this pilot grant application.

**Research Plan: (sections A-E not to exceed 2 pages including figures and tables)**

1. Specific Aims: State concisely and realistically what the proposed research is intended to accomplish and/or what overall hypothesis is to be tested in this and future grant applications on this subject. State the role of each investigator in the application.
2. Background: Briefly sketch the significance of the present proposal, critically evaluate existing knowledge, and specifically identify the gaps that the project is intended to fill. State concisely the importance of the proposed research.
3. Preliminary Results: is not required in seed grant proposals, though in some cases such material aids the review group in knowing that technical procedures are in place or understanding the rational for a new direction.
4. Research Plans: Within the page limitations, discuss the experimental design and the procedures to be used to accomplish the specific aims of the work described in the application. Describe new methodology and its advantage over existing methodology. If applicable, include information about species of animals to be used and the means by which data will be analyzed and interpreted.
5. Prospects for Future Collaborations and Funding: Describe how the proposed work will lead to a successful collaborative project and how it will enhance NPOD research programs and the sustainability of the center. List co-authored publications between the applicants, if any. Also provide a potential team of investigators for future proposals and an estimated timeline for applying for extramural multiple PI/project program funding. Supporting letters from additional investigators not included in this application are encouraged. List external funding agencies and, if possible, specific program announcements that could be targeted for support. Because of the thrust of this pilot grant program cycle, these aspects are an important consideration.
6. Bibliography: Self-explanatory

**Appendix:**

1. PI and Co-Is must include copies of his/her abstracts from all funded/pending applications

2. Supporting letters