

**Nebraska Redox Biology Center Pilot Research Grant
Application Form
Spring, 2008**

Deadline – 4 PM December 14, 2007

NAME OF PI _____

COLLEGE/INSTITUTION _____

DEPARTMENT _____

TITLE OF PROPOSAL _____

TOTAL AMOUNT REQUESTED \$ _____

Signature of Applicant Date

Signature of Dept. Head Date

General Directions: Total budget for each proposal should not exceed \$50,000 per year for a maximum of 2 years. The pilot grant proposal "Research Plan" sections A-D should be no longer than a maximum of 4 pages. Type pages single-spaced with arial font size of 12(no smaller than 11.5) and number all pages consecutively. (Do not use suffixes such as 5a, 5b, etc.) To apply, an original and six copies of your proposal must be received at the Nebraska Redox Biology Center office, N118 Beadle, Lincoln, NE. 68588-0662, no later than 4 PM, Friday, December 14, 2007. Application Format: all proposals should follow this sample format. Note explanations throughout.

Abstract: _____ Principal Investigator/Program Director (Last, first, middle): _____

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 THE SPACE PROVIDED.

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

KEY PERSONNEL		
Name	Organization	Role on Project

Table of Contents

Face Page	1
Abstract	2
Table of Contents	3
Budget	
First Year	4
Overall Summary	5
Budget Justification	5
Biographical Sketch – Principal Investigator	—
Other Biographical Sketches	—
Other Support	—
Research Plan	—
A. Specific Aims	—
B. Background	—
C. Preliminary Results	—
D. Research Plans	—
E. Bibliography	—
F. Prospects for Future Funding	—
Appendix	—

First Year Budget: (Round up to nearest dollar - do not exceed maximum fundable allowance of \$50,000 per year for a maximum of 2 years. **MUST PROVIDE BUDGET JUSTIFICATION.**)

DETAILED BUDGET FOR INITIAL BUDGET PERIOD			From	Through
<u>Personnel</u> (list all personnel, regardless of funds requested, FTE, and role on project)				
Name	Role	FTE	Amount	
	PI		\$	_____
			\$	_____
			\$	_____
			\$	_____
			\$	_____
	Personnel Total		\$	_____
<u>Equipment</u> (completely justify in "Budget Justification" including evidence that item is not available in department. See additional note below.)				
	Equipment Total		\$	_____
<u>Supplies</u> (include description, quantity, costs, etc)				
	Supplies Total		\$	_____
<u>Other</u> (be specific, include any travel detail, purpose, expense, etc.				
	Other Total		\$	_____

Overall Budget Summary: (Round up to nearest dollar - do not exceed maximum fundable allowance of \$50,000 per year for a maximum of 2 years. MUST PROVIDE BUDGET JUSTIFICATION.)

BUDGET FOR ENTIRE PROPOSED PROJECT PERIOD				
BUDGET CATEGORY		Initial Budget Period	Additional year of support	Total Costs for Project Period
<u>Personnel</u> (list all personnel, regardless of funds requested, FTE, and role on project)				
Name	Role	FTE		
	PI		\$ _____	\$ _____
			\$ _____	\$ _____
			\$ _____	\$ _____
			\$ _____	\$ _____
			\$ _____	\$ _____
	Personnel Total		\$ _____	\$ _____
<u>Equipment</u> (completely justify in "Budget Justification" including evidence that item is not available in department. See additional note below.)				
	Equipment Total		\$ _____	\$ _____
<u>Supplies</u> (include description, quantity, costs, etc)				
	Supplies Total		\$ _____	\$ _____
<u>Other</u> (be specific, include any travel detail, purpose, expense, etc.)				
	Other Total		\$ _____	\$ _____

Budget Justification: All costs must be justified relative to the specific needs of the proposed research. (The pilot 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: expense is allowable – provided the need for additional personnel is justified and there are sufficient funds available in the grant to provide for all other expenses required to complete the proposed research. Equipment: Unless well justified, the equipment request should not constitute the major portion of the pilot grant budget.

Biographical Sketch – Principal Investigator: (NIH) 4 page maximum

Other Biographical Sketches:

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 Principal Investigator must include a copy of the abstract for each of his/her funded or pending applications.

If the present proposal is one which has been previously submitted to an external funding agency and was not funded, include an explanation and describe how pilot 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-D not to exceed 4 pages including figures and tables)

- A. 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.
- B. 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.
- C. Preliminary Results: is not required in pilot grant proposals, though in some cases such material aids the review group in knowing that technical procedures are in place or understanding the rationale for a new direction.
- D. 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.
- E. Bibliography: Self-explanatory
- F. Prospects for Future Funding: Provide a list of external funding agencies and, if possible, specific program announcements that will be targeted for continued support. Because of the thrust of the pilot grant program, this is an important consideration. **DO NOT LEAVE THIS SECTION BLANK.**

Appendix: (PI must include copies of his/her abstracts from all funded/pending applications.)