



NOTICE

2009 Pilot Grant Program of the Barshop Institute for Longevity and Aging Studies

Deadline: Monday, March 2, 2009

The **Barshop Institute** is seeking pilot grant proposals in gerontology from UTHSCSA, UTSA, and SFBR faculty. Funds are available this year (2009) for research on **the mechanism(s) by which inhibition of mTOR extends longevity** through The Nathan Shock Center of Excellence in Basic Biology of Aging, a component of the Barshop Institute. This solicitation is open to faculty holding the rank of Assistant Professor and above.

Grants will be awarded for up to **\$50,000**, renewable for a second year. Eligibility for a second year of funding will be based on the successful competitive review of a second application. Faculty who have previously received a pilot grant from the Barshop Institute are eligible to apply for a second pilot grant, **but must submit a progress report (maximum of 2 pages) as part of their application.**

The Nathan Shock Aging Center operates an Animal Models Core, Veterinary Pathology Core and the Oxidative Stress Core (a service that provides oxidative damage measurements to DNA, lipid and protein). **For this round of applications, the Research Development Core will make available rapamycin-containing and control mouse chow diets.** It is strongly suggested that you consult with a relevant core leader, and obtain a letter of support to be included with your application, if you propose to use these core services.

Animal Models Core – Dr. James Nelson (nelsonj@uthscsa.edu)

Pathology Core – Dr. Yuji Ikeno (ikeno@uthscsa.edu)

Oxidative Stress Core – Dr. Holly Van Remmen (vanremmen@uthscsa.edu)

Research Development Core – Dr. Randy Strong (strong@uthscsa.edu)

For more information, contact Nancy Markum at 562-6143 or MARKUM@UTHSCSA.EDU

Evaluation:

Evaluation of the proposals is a two-stage process. At stage one, two experts on the subject of the proposal from outside the Health Science Center prepare written evaluations. At stage two, a Barshop Institute faculty review panel uses these written reports to judge the merit of the proposal, and evaluates the relevance of the research to gerontology, to the goals of the Barshop Institute and to the goals of the Nathan Shock Aging Center.

Funds are available this year for projects that explore mechanisms by which inhibition of mammalian target of rapamycin (mTOR) increases lifespan and/or slows aging and age-related diseases. The final review meeting will be held in June. Awardees will be notified no later than June 30.

Award Recipient Follow-up:

Successful applicants will be required to provide the Barshop Institute with the following information:

- A written report upon completion of the study
- Notification of abstracts or papers published to which the pilot study contributed
- Notification of extramural grants sought and awards received that relate to the pilot study

**2008 Pilot Grant Program of the
Barshop Institute for Longevity and Aging Studies**

Application Requirements:

- ❖ The proposal **must** adhere to the following specifications, without exception. Proposals not adhering to guidelines will be returned.
 - Document formatting: The proposal must adhere to the NIH formatting guidelines (1) Font Size must not be smaller than 11 point – Arial (15 cpi); (2) Line spacing should be no more than 6 lines per inch. Figures, charts, tables, figure legends, and footnotes may be in a smaller font size but must be in black print and readily legible.
 - Keep proposal length to no more than six (6) pages, exclusive of NIH Face page, references, biosketch, budget, budget justification, other support and progress report (if applicable).
- ❖ Your completed proposal should include the following: **No COP is required unless funded.**
 - 1) Specific aims (objectives) of the research
 - 2) Brief background section
 - 3) Description of the research methods/experiments and statistical analyses to be used
 - 4) Discussion of how the pilot grant will enhance future success in obtaining extramural funding
 - 5) Budget and budget justification
(RESTRICTIONS on BUDGET: No funds for PI salary, travel or equipment will be allowed)
 - 6) NIH-formatted biosketch
 - 7) List of other support using the NIH format
- ◆ Submit **5 stapled hard copies** of the proposal, plus a single PDF file sent by email, to Ms. Markum (markum@uthscsa.edu). Proposals & pdf files submitted after the deadline will not be accepted. Hard copies should be sent by campus mail, or hand delivered, to Nancy Markum, RM 3.100.16, The Barshop Building, Texas Research Park campus. Off campus proposals are to be mailed to 15355 Lambda Drive, San Antonio, TX 78245-3207, and postmarked no later than 5:00 p.m., Monday, March 2, 2009.
- ◆ **DO NOT DELIVER TO THE OFFICE OF SPONSORED PROGRAMS.**

Proposals must be received in our office no later than 5:00 PM, Monday, March 2, 2009.