

**Deans, Assoc. Deans for Research, Center Directors, and Department Heads:
Please forward this information to the appropriate faculty immediately.**

Institutional Limit on Proposal Submissions

**National Institutes of Health
National Institute on Aging (NIA)**

**Title: Awards to Support Research on the Biology of Aging in Invertebrates
(R01)**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-10-004.html>

RFA-AG-10-004

**NIH Letters of Intent (Not required) Deadline: September 30, 2009
Full NIH Proposal Deadline: October 30, 2009**

LIMITED SUBMISSION – ONE (1) PER INSTITUTION

Below is information about the National Institutes of Health Awards to Support Research on the Biology of Aging in Invertebrates (R01) for 2009. NIH limits the number of proposals an organization can submit, as described above. Therefore, if the number of preproposals exceeds that limit (1), an internal review will be conducted to determine which proposals will be submitted from Mississippi State University.

If you are interested in submitting a proposal to the NIH, a preproposal that includes the information listed below must be submitted to the Office of Research and Economic Development (ORED), electronically to Teresa Gammill at tgammill@research.msstate.edu and **copied** to Katie Echols at kechols@research.msstate.edu in the ORED office by **5 p.m. on Friday, August 7, 2009**. A committee of faculty members will screen applications and select the nominee to represent the University.

All preproposals must include:

1. Title of NIH Grant
2. Proposal Deadline
3. Title of Proposal
4. PI and Co-PIs with title and unit affiliation
5. Partner institutions/industries (if any)
6. Indicate if this is a resubmission – If so include copies of panel summary and all reviews
7. One paragraph providing a brief description of the proposed activities.

Synopsis of Program:

This Funding Opportunity Announcement (FOA) invites applications (R01) that propose the identification and development of new invertebrate models for pursuing biology of aging research.

Applications should focus on the identification, development and characterization of new invertebrate models that have short lifespans. Invertebrate models with tractable genetics and genome sequence available or in progress, negligible or induced senescence, and tissue regeneration in adults are of particular interest to NIA. Examples of invertebrate models of interest include, but are not limited to planaria, hydra, rotifers, and tunicates. These invertebrate models are currently not well developed for aging research. Within the scope of this FOA, invertebrate models other than those mentioned above currently used by the biomedical research community, but not yet fully developed or realized for aging research, will be considered responsive to this FOA. In particular, applications that focus on the characterization of these novel models for aging research utilizing molecular, genetic, cellular or physiological tools and approaches to identify genes involved in longevity, senescence and cellular pathways in tissue homeostasis during aging are encouraged. Applications that propose work on invertebrate models such as *Caenorhabditis elegans*, *Drosophila melanogaster* or yeast, [*Saccharomyces cerevisiae*](#), will be considered non-responsive to this FOA.

Budget and Project Period. Applications may request up to, but not more than, \$250,000 in direct costs.