

Title: Research Associate (Postdoctoral)
Contact Department: Medicine
Salary: Follows NIH NRSA stipend levels
Percent Time: 100%
Begin/End Dates: March 1, 2018 or later
Contact Name/Address: Dudley Lamming, Ph.D.
Contact Email: dlamming@medicine.wisc.edu



University of Wisconsin
**SCHOOL OF MEDICINE
AND PUBLIC HEALTH**

Requirements: Ph.D. and/or M.D.

Requirements: The Lamming Laboratory for the Molecular Physiology of Aging is recruiting two highly motivated new/recent Ph.D. graduates who wish to develop an independent research career. Dr. Lamming is focused on understanding how nutrient-responsive signaling pathways can be harnessed to promote health and longevity. Currently, research in the Lamming Laboratory has two major focuses:

- 1) Determining how specific macronutrients – particular the branched-chain amino acids leucine, isoleucine, and valine – influences lifespan and healthspan in wild-type mice, mouse models of age-related diseases, including type 2 diabetes, cancer, and Hutchinson-Gilford Progeria Syndrome, and in humans;
- 2) Determining the physiological and molecular mechanisms that explain how the insulin/IGF-1/mTOR signaling pathway and the mTOR inhibitor rapamycin control health and longevity.

More information about our research and publications can be found at <http://lamminglab.org>

Interested candidates with Ph.D. and/or M.D. are encouraged to apply. Experience with cell culture, molecular biology, immunohistochemistry, and mice preferred but not required. An individual training plan will be designed to meet the candidate's expertise, research interests and career goals.

Job Duties: Specific duties will include identifying research problems and designing research methodologies; assist in the writing of grants and manuscripts for peer-reviewed journals; and additional duties as requested by the principal investigator. The successful applicant must have excellent scientific, organizational, record-keeping, and problem-solving skills.

To apply for this position please submit a cover letter describing research experience and interests, CV, and the contact information of three references to dlamming@medicine.wisc.edu.