

T32 Biology of Aging - POSTDOCTORAL OPPORTUNITY

NIH Training Grant



School of Medicine
and Public Health

UNIVERSITY OF WISCONSIN-MADISON

<http://aging.wisc.edu/index.php>

<http://www.biologyofaging.wisc.edu/eligibility/index.php>

The Biology of Aging & Age-Related Diseases Training Grant is an established, multidisciplinary grant is entering its 28th year. Funded by NIH/NIA, this very unique grant provides fellowships for the specific focus on uncovering the basic mechanisms of aging, preventive interventions, and clinical problems encountered by older adults.

1. **EARLIEST START DATE & ELIGIBILITY: July 1, 2019**

- Must be a U.S. Citizen or Permanent Resident by date of award
- Must have completed an advanced degree by start date (PhD, MD, DVM or equivalent)
- This opening is intended for individuals who are committed to a research career in the biology of aging and intend to spend a minimum of two years in the postdoctoral position.

2. **SUBMIT THE FOLLOWING TO APPLY BY: (May 1, 2019)**

- Letter stating research interests and how they relate to aging (Attention: Dr. Sanjay Asthana)
- CV (indicate dates of support on previous NIH training grants, if applicable)
- Transcripts of ALL college coursework (copies acceptable)
- GRE and/or MCAT scores
- Three letters of recommendation (one of the letters must come from a faculty member in a related field)
- All individuals who did not complete their advanced degree in the United States must submit a certification that it is equivalent to a degree from a U.S. college or university. See www.naces.org to obtain information from one of the organizations listed.

3. **Email to: t32biologyofaging_asthana@lists.wisc.edu.**

TRAINING IS AVAILABLE WITH OUTSTANDING RESEARCHERS IN THE FOLLOWING AREAS:

- Anderson, R., Medicine—Caloric Restriction & longevity
- Asthana, S., Medicine—Role of gonadal steroids in cognition
- Attie, A., Biochemistry—Genetics & genomics of diabetes
- Baker-Herman, T., Vet Med/Comparative Biosciences—Mechanisms of spinal homeostatic plasticity
- Bendlin, B., Geriatrics—Neuroimaging biomarkers of preclinical stages of Alzheimer's Disease
- Burger, C., Neurology—Genetic mechanisms underlying neurodegenerative disorders
- Carlsson, C., Medicine—Vascular dementia and CSF biomarkers of Alzheimer's Disease
- Colman, R., Cell & Regenerative Biology—Nonhuman primate models of aging
- Coon, J., Biomolecular Chemistry—Epigenetic regulation of pluripotency
- Davis, D., Endocrinology—Pancreatic Beta cell mass regulation & diabetes risk in aging
- Denu, J., Biomolecular Chemistry—Signal transduction, chromatin dynamics & metabolism
- Engelman, C., Population Health Sciences—Genetic epidemiology of Alzheimer's Disease and vitamin D deficiency
- Fiore, M., Medicine—Health outcomes of smoking & cessation
- Gasch, A., Genetics—Molecular genetics of stress response
- Huttenlocher, A., Pediatrics—Cell migration & signaling
- Jarrard, D., Medicine—Prostate cancer & environmental toxicology
- Johnson, S., Medicine—Alzheimer's Disease
- Kamp, T., Medicine, Cardiology—Stem cell biology and iPS cell disease modeling
- Kimple, M., Medicine—Regulation of insulin secretion and type II diabetes mellitus
- Lamming, D., Medicine, Endocrinology—Metabolism, health & longevity
- Lang, J., Medicine, Hematology/Oncology—Therapeutic & biomarker development
- Li, W.J., Orthopedics—Stem Cells & cartilage regeneration
- Merrins, M., Medicine, Endocrinology—Metabolism in pancreatic islet beta cells
- Moore, D., Neuroscience—Neural stem cells & aging
- Pagliarini, D., Biochemistry—Mitochondrial biogenesis & metabolism in type II diabetes
- Prolla, T., Genetics—Gene expression analysis
- Puglielli, L., Medicine—Lipid metabolism & Alzheimer's Disease
- Rey, F., Bacteriology—Bacterial metabolism & human health
- Roy, S., Pathology & Laboratory Medicine—Cell biology of neuronal trafficking in physiology & neurodegenerative diseases
- Ryff, C., Psychology—Positive aging & resilience to age-associated diseases
- Shelef, M., Medicine, Rheumatology—Pathophysiology of rheumatoid arthritis
- Singh, V., Biostatistics—Image analysis
- Thelen, D., Mechanical Engineering—Mobility impairment & muscle function
- Wasserman, D., Genetics—Mechanisms underlying neurodegeneration