The Biology of Aging & Age-Related Diseases Training Grant is an established, multidisciplinary grant entering its 28th year. Funded by NIH/NIA, this very unique grant that focuses on the basic mechanisms of aging, preventive interventions, and clinical problems encountered by older adults. The training grant provides career development for pre-doctoral students starting their research careers through mentored training, the Biology of Aging Seminar series, and conferences.

1. EARLIEST START DATE & ELIGIBILITY: September 1, 2019
   - Must be a U.S. Citizen or Permanent Resident by date of award
   - This opening is intended for individuals who are committed to a research career in the biology of aging.
   - Must have a mentor from the list below or a faculty mentor that will apply to be a mentor on the T32.
   - Support available for a maximum of three years.

2. SUBMIT THE FOLLOWING TO APPLY BY: May 17, 2019
   - Letter stating research interests and how they relate to aging (address letter to 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 UW faculty mentor)

3. Email to: t32biologyofaging_asthana@lists.wisc.edu.
   - Questions can be addressed to Sara Wray at (608) 265-5147, or swray@medicine.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
- 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
- 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