



# PREDOCTORAL OPPORTUNITY

## BIOLOGY OF AGING AND AGE-RELATED DISEASES

*This opening is intended for individuals who are committed to a research or teaching career in the field of aging.*

The Biology of Aging & Age-Related Diseases Training Grant is an established, multi-disciplinary grant funded by NIH that focuses on basic mechanisms of aging, preventive interventions, and clinical problems encountered by older adults. It is administered by the UW Institute on Aging.

- ELIGIBILITY:**
- ▶ U.S. Citizen or Permanent Resident by date of award
  - ▶ Registered graduate student in a UW department by the date of the award

**TO APPLY: SUBMIT THE FOLLOWING BY DECEMBER 1, 2008**

- ▶ Letter stating research interests and how they relate to the biology of aging (*inside address to the attention of Dr. Sanjay Asthana*)
- ▶ CV
- ▶ Transcripts of ALL college coursework, including UW-Madison (copies acceptable)
- ▶ GRE and/or MCAT scores (copies acceptable)
- ▶ Three letters of recommendation (one letter must be from a UW faculty mentor)

**SEND MATERIALS TO:**

- ▶ Debbie Weber, UW Institute on Aging, 2245 MSC, 1300 University Avenue  
Madison, WI 53706-1532 OR [dweber@wisc.edu](mailto:dweber@wisc.edu), 608-263-6404

**EARLIEST START DATE: APROXIMATELY January 1, 2009 (SUPPORT FOR A MAXIMUM OF TWO YEARS)**

**TRAINING AVAILABLE WITH OUTSTANDING RESEARCHERS:**

- ▶ Asthana, S., Medicine - Role of gonadal steroids in cognition
- ▶ Attie, A., Biochemistry/Comparative Biosciences - Genetics & genomics of diabetes
- ▶ Behan, M., Vet Med/Comparative Biosciences - Aging serotonergic system
- ▶ Binkley, N., Medicine – Osteoporosis, Vitamin D, & metabolic bone disease
- ▶ Coe, C – Psychology – Relationships between behavior, emotions and the immune system
- ▶ Drezner, M., Medicine - Osteoporosis, Vitamin D, & metabolic bone disease
- ▶ Eisenstein, R., Nutritional Sciences - Iron metabolism
- ▶ Ganetzky, B., Genetics - Mechanisms of neurodegeneration
- ▶ Huttenlocher, A., Pediatrics - Cell migration & signaling
- ▶ Jarrard, D., Medicine - Prostate cancer & environmental toxicology
- ▶ Johnson, S., Medicine - Alzheimer's Disease
- ▶ Keely, P., Pharmacology - Extracellular matrix signaling molecules
- ▶ Kemnitz, J., Physiology/Primate Center - Energy metabolism
- ▶ Kiessling, L., Chemistry - Molecular aspects of neurodegeneration
- ▶ Klein, B., Ophthalmology – Risk factors for eye disease
- ▶ Malter, J., Pathology & Laboratory Medicine - Alzheimer's Disease
- ▶ Oberley, T., Pathology & Laboratory Medicine – Oxidative stress
- ▶ Prolla, T., Genetics - Gene expression analysis
- ▶ Puglielli, L., Medicine - Lipid metabolism and Alzheimer's Disease
- ▶ Robbins, J., Medicine - Swallowing
- ▶ Schoeller, D., Nutritional Sciences - Energy metabolism
- ▶ Thelen, D., Mechanical Engineering - Mobility impairment and muscle function
- ▶ Weindruch, R., Medicine/Nutritional Sci. - Caloric restriction, gene expression analysis, oxidative stress
- ▶ Wilding, G., Clinical Oncology - Prostate cancer
- ▶ Yin, J.C.P., Genetics, Psychiatry – Molecular/cellular description of memory formation



**WE STRONGLY ENCOURAGE APPLICATIONS FROM INDIVIDUALS OF  
ALL RACIAL AND ETHNIC BACKGROUNDS**