

POSITION ANNOUNCEMENT

Assistant Professor in Animal Epigenetics and Stress Physiology Department of Animal Science, University of California, Davis

Title: Assistant Professor in Animal Epigenetics and Stress Physiology with teaching, research and outreach responsibilities. The appointment is in the Department of Animal Science in the College of Agricultural and Environmental Sciences and is an academic year (9-month) tenure track assistant professor position which includes the expectation that the appointee will conduct mission-oriented research and outreach of relevance to the California Agricultural Experiment Station.

The research, teaching and outreach mission of the Department of Animal Science (<http://animalscience.ucdavis.edu>) focuses on the creation, development and distribution of basic and applied knowledge related to the biology and production of domestic animals, with a scope extending from the molecular to the ecosystem levels. Faculty and specialist programs within the department concentrate on domesticated farm animals but include non-domesticated, wild, laboratory, and companion animal species. Fields of study within the department include animal behavior, animal systems modeling, animal welfare, aquaculture, comparative endocrinology, conservation biology, ecology, genetics and genomics, lactation, management, nutrition, physiology, production, reproduction, stress, and toxicology.

The appointee will have access to wide-ranging animal and infrastructure resources and many collaborative opportunities within the department and with colleagues in campus units such as the School of Medicine, School of Veterinary Medicine, California National Primate Research Center and College of Biological Sciences.

Responsibilities:

The Department of Animal Science is seeking candidates whose research focuses on improving sustainable animal production by understanding how environmental, nutritional, hormonal, and behavioral stressors interact with gene expression. The successful applicant's expertise will address epigenetics related to animal systems. The appointee is expected to establish a competitively funded research program in the general area of animal stress physiology which may encompass molecular to organismal levels of organization. The appointee will be responsible for contributing to the physiology curriculum within the department including teaching an undergraduate course incorporating stress physiology. Mentoring of graduate students, undergraduate student advising, participation in and development of outreach programs, curricular development, and performance of departmental and university service is expected. The appointee is expected to conduct fundamental research, train students, and provide outreach that will ultimately support the economic viability of California's animal industries and yield both basic biological mechanisms and translatable outcomes.

Qualifications: Ph.D. or equivalent degree in animal physiology or related field with interest in stress and epigenetics. Post-doctoral experience is preferred. Evidence of research excellence is expected. The candidate should have the ability to develop and instruct undergraduate and graduate courses and the ability to develop and conduct extramurally funded research in animal

stress physiology applicable to sustainable animal production incorporating environmental, nutritional, hormonal, or behavioral stressors with gene expression

Salary: Commensurate with experience within the Assistant Professor ranks at the University of California.

Applications: Application materials must be submitted via the following website: <https://secure.caes.ucdavis.edu/Recruitment/>. The position will remain open until filled. To ensure consideration, applications should be received by April 15, 2012

Materials requested to include: 1) curriculum vitae, 2) publications list, 3) up to three publications, 4) transcripts if the applicant is within five years of degree, 5) statement of research accomplishments, 6) statement of teaching accomplishments and philosophy, 7) statement of future research plans relevant to agricultural animal epigenetics and stress physiology, and 8) the names, addresses, including e-mail, of three professional references. Additional inquiries should be directed to Professor Trish Berger, Recruitment Advisory Committee Chair, Department of Animal Science, One Shields Avenue, University of California, Davis, CA 95616, (530) 752-1267, tberger@ucdavis.edu.

UC Davis is an affirmative action/equal employment opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, veterans, and individuals with disabilities.