

JOB DESCRIPTION

The University of Wyoming invites diverse applicants to consider our employment opportunities. We are also especially interested in candidates who have experience working with diverse populations and/or diverse initiatives.

JOB TITLE:

Assistant Professor – Reproductive/Nutritional Physiologist

JOB PURPOSE:

The University of Wyoming seeks to hire an Assistant Professor with joint appointments in the Departments of Animal Science and Zoology & Physiology. The candidate will establish a robust internationally recognized, extramurally funded research program in mammalian female reproductive physiology preferably integrating nutrigenomics and/or metabolic regulation with reproductive biology. Obesity and under nutrition both have a profound negative impact on reproductive success. Each contributes to the development of a host of reproductive diseases, decreases the quality of life while increasing morbidity/mortality in humans, and diminishes livestock production. The candidate will enhance existing interdisciplinary efforts in areas of reproductive physiology, nutrition, cellular and molecular biology, and functional genomics to advance an understanding of human/animal health and disease.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

Understanding the integrative mechanisms by which metabolic syndrome, nutrients, and the environment alter the genetic landscape to regulate reproductive processes has become crucial for human and animal reproduction and animal production systems. Equally important, this interdisciplinary candidate would provide synergy among existing research expertise across the College of Agriculture, Life Sciences, and Natural Resources (CALSNR) departments of Physiology, Animal Science, Molecular Biology and Veterinary Sciences. This position, when combined with existing expertise in reproductive biology at UW, will solidify a research area of importance to the state both in terms of human health and animal production systems. The candidate will be expected to participate in the existing campus-wide Program in Reproductive Biology. Essential to this position is the expectation of contributing to the teaching mission in both departments through the development of new undergraduate and/or graduate level courses that align with the candidate's area of expertise. While the candidate will be expected to participate in both the Zoology & Physiology and Animal Science departments, the physical home will be based on the candidate's research and teaching expertise.

SUPPLEMENTAL FUNCTIONS:

The candidate will be required to participate in appropriate service activities including, but not limited to, serving on departmental, college and university committees, graduate committees, search committees, among others. These service functions are in addition to discipline-related service activities at the national and international levels.

REMOTE WORK ELIGIBILITY:

This position provides vital support to campus customers and requires the successful candidate be available to work on campus.

MINIMUM QUALIFICATIONS:

1. Earned doctoral degree (*e.g.*, Ph.D. or D.V.M.) in biomedical sciences, animal science or closely related field
2. Completed post-doctoral training in an appropriate discipline by the time of hire
3. Training and experience in female reproductive biology and/or nutrigenomics
4. Demonstrated capacity for effective teamwork and collaboration.
5. Excellent written and oral communication skills
6. Valid driver's license with a motor vehicle record (MVR) that is compliant with the [University Vehicle Use Policy](#).

DESIRED QUALIFICATIONS:

1. Proven ability to acquire extramural funding
2. Experience in the application of gene editing technologies to address questions of gene function
3. Ability and record of teaching at the undergraduate and/or graduate level
4. Conduct research with application to both biomedical and animal sciences
5. Demonstrated capacity to utilize emerging technologies and computational tools at the systems biology level

REQUIRED MATERIALS:

Applications, including a cover letter, curriculum vitae, statements of research interest and teaching philosophy, and contact information for three work-related references should be submitted electronically

via: https://eeik.fa.us2.oraclecloud.com/hcmUI/CandidateExperience/en/sites/CX_1/job/223010/?utm_medium=jobshare. While complete applications received by 01/01/2023 will receive full consideration, this position will remain open until filled. Please contact Dr. James K. Pru, Search Committee Chair (jpru@uwyo.edu), with questions regarding the position or application process.

HIRING STATEMENT:

UW is an Affirmative Action/Equal Opportunity Educator and Employer. We are committed to a multicultural environment and strongly encourage applications from women, minorities, veterans and persons with disabilities.

In compliance with the ADA Amendments Act (ADAAA), if you have a disability and would like to request an accommodation to apply for a position, please call 307-766-2377 or email jobapps@uwyo.edu.

ABOUT LARAMIE:

The University of Wyoming is located in Laramie, a town of 30,000 in the heart of the Rocky Mountain West. The state of Wyoming continues to invest in its university, helping to make it a leader in academics, research and outreach. The university has state-of-the-art facilities in many areas and the community provides the advantages of a major university.

Located in a high mountain valley near the Colorado border, Laramie offers both outstanding recreational opportunities and close proximity to Colorado's Front Range, a bustling group of metropolitan cities including Denver, Boulder, and Fort Collins. This beautiful mountain landscape offers outdoor enjoyment in all seasons, with over 300 days of sunshine annually. For more information about the region, please visit <http://visitlaramie.org/>