Assistant or Associate Professor of Equine Reproductive Physiology

**Posting Details**

**Working Title**  Assistant or Associate Professor of Equine Reproductive Physiology

**Position Location**  Fort Collins, CO

**Posting Number**  202200248F

**Proposed Annual Salary Range**  $85,000-$110,000 plus comprehensive benefits package.

**Employee Benefits**  Colorado State University (CSU) is committed to providing employees with a strong and competitive benefits package that supports you, your health, and your family. Visit CSU's Human Resources website for detailed benefit plan information for permanent full-time and part-time faculty and administrative professional employees in the following University benefit areas: [https://hr.colostate.edu/hr-community-and-supervisors/benefits/benefits-eligibility/](https://hr.colostate.edu/hr-community-and-supervisors/benefits/benefits-eligibility/) and [https://hr.colostate.edu/prospective-employees/our-perks/](https://hr.colostate.edu/prospective-employees/our-perks/).

**Position Type**  Faculty

**Work Hours/Week**  40

**Description of Work Unit**  The Department of Animal Sciences at Colorado State University (CSU) has the unique mission of serving Colorado's large and diverse equine and livestock industries. Research, teaching, and extension/outreach activities in the Department of Animal Sciences focus on developing industry leaders and improving sustainable production of horses and food animals through the application of science and technology and resource management, with emphasis on addressing societal issues concerning animal care and management, product quality and value, and environmental impacts of animal agriculture.

The Department of Animal Sciences is responsible for educating 800 to 1,000 undergraduates and approximately 60 graduate students. Courses are offered to students majoring in either Equine or Animal Sciences. The primary species of emphasis are horses, beef, and dairy cattle. Research activities and courses include material relevant to additional livestock species. The Equine Sciences undergraduate program was the first of its kind in the United States and prepares students by providing an in-depth scientific knowledge of the varied functions of the horse and how to relate those scientific principles to the industry. Equine Sciences majors can develop a broad understanding of the horse as it relates to the industry’s business, recreational, and production aspects. CSU has the most comprehensive equine program in the United States, with significant research, teaching, and outreach efforts.

The CSU main campus sits at the eastern base of the Rocky Mountains, one hour north of metro Denver. It offers excellent access to transportation, outdoor interests, and a broad cross-section of livestock industries and their trade organizations.

**Tenure/Tenure Track?**  Yes

**% Research**  50

**% Teaching**  40

**% Service**  10

**% Administration**  0

**To ensure full consideration, applications must be received by 11:59pm (MT) 09/11/2022**
Number of Vacancies

Desired Start Date 01/01/2023

Position End Date

Position Summary

The Equine Sciences Program in the Department of Animal Sciences at Colorado State University invites nominations and applications for a 9-month tenure/tenure-track Assistant or Associate Professor position (approx. 50% research/40% teaching/10% service and outreach) in Equine Reproductive Physiology. The position focus is the development of a research, teaching, and outreach program that advances understanding of equine reproductive biology with potential focus in molecular biology, endocrinology, andrology, pathology, immunology, genetics, or other related areas.

Research activities are expected in this position, which could include applied research that complements teaching and outreach activities and is consistent with the successful candidate's area of expertise. Efforts in grantsmanship and graduate student training will be expected in this position. Opportunities to develop collaborative research projects are available through partnerships with existing equine faculty in genetics, nutrition, exercise physiology, behavior, and equine-assisted services as well as faculty in the College of Veterinary Medicine and Biomedical Sciences at the Equine Reproduction Laboratory and the Animal Reproduction and Biotechnology Laboratory. Additional opportunities exist to collaborate with discipline-specific faculty groups in the Department of Animal Sciences (Physiology, Breeding and Genetics, Beef and Dairy Management Systems, Ruminant Nutrition, Animal Well-being/Welfare, and Meat Safety and Quality) and with other departments in the College of Agricultural Sciences, the College of Veterinary Medicine and Biomedical Sciences, and the Warner College of Natural Resources.

This faculty member will have high quality teaching skills and be an enthusiastic team player who is willing to support the core Equine Sciences curriculum at CSU. The successful candidate will motivate students to learn and engage in the Department of Animal Sciences by fostering interaction and learning, including the use of hands-on, experiential, and interactive teaching methods. Primary teaching responsibility will include ANEQ 344 – Principles of Equine Reproduction and additional courses related to the faculty member’s expertise and interest. Such courses could include the Reproductive Management practicum (ANEQ 386B) and the contribution of lectures and expertise to Foaling Management (ANEQ 445).

The successful candidate will also be expected to engage with the equine industry within Colorado and nationally. This engagement can be in the form of contributions to existing CSU short-courses or through the development of new short course material and online or distance learning resources for students and/or horse owners. In addition, the faculty member will provide service within the Department of Animal Sciences, the College of Agricultural Sciences, and the CSU community.

For teaching and research purposes, this position will have access to all the Department of Animal Sciences experimental animal herds, facilities, and laboratories. Equine facilities include the Foothills Campus-based Equine Teaching and Research Center (ETRC), Equine Reproduction Laboratory (ERL), and the Johnson Family Equine Hospital (Veterinary Teaching Hospital, Fort Collins). Additional resources to support research activities may be available at the Animal Reproduction and Biotechnology Laboratory (ARBL).

The Department of Animal Sciences and the Equine Sciences Program are committed to CSU’s Principles of Community with a focus on justice, equity, diversity, and inclusion. CSU's faculty, staff, and students are critical to the efforts in these areas. CSU welcomes and encourage applications from all qualified candidates to join the Department of Animal Sciences and help it meet the mission of serving Colorado's large and diverse equine and animal industries.

A competitive start-up package will be provided for use within the first 3 years; however, acquisition of external funds will be necessary for long-term support of research, graduate students, and outreach activities. Salary is commensurate with experience and qualifications and is based on a 9-month appointment but is competitive with typical 12-month appointments. Although a 9-month appointment, the potential exists to provide an additional two months of summer salary and benefits. The start-up package can be arranged to include summer salary during the first 3 years of the appointment.
**Conditions of Employment**

Pre-employment Criminal Background Check (required for new hires)

**Required Job Qualifications**

- Completed Ph.D. degree in Reproductive Physiology, Animal Sciences, or closely related field or DVM/DVM-PhD from an accredited institution by start date. Equivalent international degrees are acceptable.
- Demonstrated ability to conduct research in Reproductive Physiology and work collaboratively as part of a research team.
- Evidence of or demonstrated potential for the ability to teach Equine Reproductive Physiology and willingness to serve as an integral part of the teaching faculty.
- Ability to advance the Department of Animal Sciences’ commitment to CSU’s Principles of Community and social justice, equity, diversity, and inclusion in research, teaching and outreach with relevant programs, goals, and activities.
- Possess high quality verbal, written, and interpersonal communication skills.

**Preferred Job Qualifications**

- Postdoctoral experience.
- Demonstrated experience in equine reproduction, husbandry, and management.
- Demonstrated understanding of the equine industry in the US and globally.
- Capability to effectively advise and mentor graduate students.
- Show promise in team-building skills and potential to manage multidisciplinary education and research projects.
- Demonstrated potential for or evidence of a strong scientific publication record.
- Evidence of, or potential for the capability to obtain extramural research funding through grantsmanship, gifts, fees, or fundraising.
- Experience in extension/outreach

**Special Instructions to Applicants**

Applications will be accepted until the position is filled, but for full consideration, all materials must be received by Sunday, September 11, 2022. Applicants should upload the following:

1. A cover letter describing interest in the position which addresses the position requirements
2. A curriculum vitae
3. A two-page summary addressing research plans and teaching philosophy, with special emphasis on how principles of diversity, equity, inclusion, and social justice will be integrated into research and teaching duties
4. Names and contact information for 3 professional references References will not be contacted without prior notification of candidates.

Questions, inquiries, or nominations can be directed to Dr. Stephen Coleman (stephen.coleman@colostate.edu).

**Background Check Policy Statement**

Colorado State University strives to provide a safe study, work, and living environment for its faculty, staff, volunteers and students. To support this environment and comply with applicable laws and regulations, CSU conducts background checks for the finalist before a final offer. The type of background check conducted varies by position and can include, but is not limited to, criminal history, sex offender registry, motor vehicle history, financial history, and/or education verification. Background checks will also be conducted when required by law or contract and when, in the discretion of the University, it is reasonable and prudent to do so.

**EEO Statement**

Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity/expression, or pregnancy in its employment, programs, services and activities, and admissions, and, in certain circumstances, marriage to a co-worker. The University will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. Colorado State University is an equal opportunity and equal access institution and affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.

The Title IX Coordinator is the Director of the Office of Title IX Programs and Gender Equity, 123 Student Services Building, Fort Collins, CO 80523-0160, (970) 491-1715.
Diversity Statement

Ability to advance the department’s commitment to diversity and inclusion through research, teaching and outreach with relevant programs, goals and activities.

Search Contact

stephen.coleman@colostate.edu

Essential Duties

Job Duty Category

Research

Duty/Responsibility

Develop a research program in Equine Reproductive Physiology that complements teaching and outreach activities, in collaboration with an existing discipline-specific research group(s) in the Department of Animal Sciences and across the University.

- Leading and collaborating in multidisciplinary research efforts.
- Advising and mentoring MS and PhD students.
- Contributing to scientific literature with peer-reviewed articles.
- Disseminating research findings in scientific and professional meetings.
- Leading and collaborating on research activities and efforts to secure internal and external funding.

Percentage Of Time

50

Job Duty Category

Teaching

Duty/Responsibility

Serve as an integral member of the teaching faculty within the Equine Sciences major and Department of Animal Sciences that are high quality, interactive, and incorporate innovative and hands-on components to excite students and increase their engagement and retention within the department.

- The minimum annual teaching load will include a total of 6-8 credit hours.
- Teaching duties could include applied or advanced courses corresponding to the faculty member’s area of expertise in reproductive physiology.
- Advising and mentoring undergraduate students.

Percentage Of Time

40

Job Duty Category

Service
Duty/Responsibility

Engage with the equine industry and provide service within the Department of Animal Sciences and College of Agricultural Sciences.

- Disseminating research findings to external stakeholders in industry/public events and extension publications.
- Facilitating working relationships/information exchange between academia and industry (or between internal and external stakeholders).
- Providing critical expertise to equine industry stakeholders as challenges emerge.
- Participating in Departmental, College, and University committees.

Percentage Of Time
10%

References Requested

References Requested

Minimum Requested 3

Maximum Requested 3

Supplemental Questions

Required fields are indicated with an asterisk (*).

Applicant Documents

Required Documents

1. Cover Letter
2. Curriculum Vitae
3. Statement of Teaching Philosophy

Optional Documents