



COLLEGE OF VETERINARY MEDICINE

Department of Veterinary Clinical Medicine

Position: Large Animal Theriogenology Resident

Starting date: July 16, 2020 or until the position is filled

Salary: US \$35,093 (annual salary)

Posting date: May 12, 2020

Benefits: 10 days paid vacation and 13 days of sick leave per year

Health insurance: yes

Duration: 3 years

Hosting units:

Equine Theriogenology Service

Food Animal Reproduction, Medicine, and Surgery (FARMS)

A resident position in Large Animal Theriogenology is available at the Illinois Veterinary Teaching Hospital, College of Veterinary Medicine, University of Illinois at Urbana-Champaign. Interested candidates should have a DVM degree or equivalent. The ideal candidate is an ambitious, well-motivated, and hardworking person able to keep up with a fast pace. Qualified candidates should have completed an internship or spent at least one year in clinical practice. The position is combined with a master's degree in veterinary clinical medicine with a concentration in the field of Animal Reproduction. Course work is completed with applied courses (e.g., Advanced Comparative Theriogenology, Equine Neonatology, and Large Animal Reproductive Surgery) taken at the College of Veterinary Medicine and reproductive physiology classes on campus. The resident is required to complete a thesis with at least two manuscripts suitable for publication in a peer-reviewed journal. Suitable candidates may switch to a PhD in Comparative Biosciences after successfully completing one year of classes and clinical work. The position involves 24 weeks of clinical work with the Equine Theriogenology Service and 14 weeks with the FARMS service. Service allocation may change pending on services' needs.

The resident will share the emergency duty with other staff in an equitable fashion. A total of 10 weeks per year is to be dedicated to research with equine reproduction. Potential research topics include stallion reproduction, endometritis, embryo transfer technology, pregnancy loss, or perinatology. Other areas of research of interest can be pursued pending on the availability of resources. In addition, the resident is expected to participate in collaborative research with graduate students and visiting scholars. The resident is expected to be willing to mentor veterinary interns rotating through the clinical services. While the position is primarily focused on clinical work, the resident is expected to participate in the clinical teaching of veterinary students. The successful candidate will be expected to assist in teaching Theriogenology laboratories to third-year veterinary students in mare palpation and ultrasonography, cow palpation, stallion and bull breeding soundness evaluation, canine theriogenology, large animal obstetrics, and ewe pregnancy diagnosis. While in the Equine Theriogenology Service, the resident will support the clinical teaching in the fourth year Equine Theriogenology rotation, similarly, while in the FARMS service the resident is expected to help clinical teaching with students

enrolled in the Food Animal Reproduction, Medicine and Surgery Rotation. It is recommended that the resident be involved in extracurricular activities organized by the student clubs (ISVMA, SCAAEP, SFT, and the Production Medicine Club). The resident is heavily encouraged to submit scientific abstracts for presentation in national and international meetings in Theriogenology (e.g., SFT, AAEP, ICAR, ISER, ISEET, and ISSR).

The equine caseload is diverse and includes management of stallion fertility problems, training stallions for semen collection, stallion semen collection, subfertile mares, embryo transfer, high-risk pregnancies, foaling management of normal and high-risk pregnancies, dystocias, management of healthy neonates, and post-partum complications (e.g., mastitis, dysfunctional lactation, metritis, and retained fetal membranes).

The food animal caseload involves ambulatory calls, herd health checks, emergencies, and all-around in house cases with Food and Fiber Animals. In house cases may involve reproductive and general surgeries in all species and intensive care of food and fiber neonates. The more common cases involve dystocias and post-partum complications in cows, goats, sows, ewes, and new world camelids. Breeding soundness evaluations of bulls, rams, and bucks are routinely performed as well as freezing semen. Synchronization programs for cows and small ruminants as well as laparoscopic AI in sheep, goats, and white-tailed deer are common.

Urbana-Champaign is located approximately 2 hours from Chicago, 1.5 hours from Indianapolis IN, 3 hours from Saint Lois MO, and 4.5 hours away from Lexington, KY. There are multiple daily direct flights flying out of Willard CMI University of Illinois Airport to Chicago O'Hare and Dallas Forth-Worth, TX. Bus shuttle services are running 24 hours a day from the University of Illinois campus to Chicago Airports and Indianapolis IN. There are several Amtrak trains from Urbana-Champaign Station to Chicago Union/Central Station.

Completion of the program will fulfill the requirements to take boards examination of the American College of Theriogenologists. The applicant may also be eligible to fulfill the requirements boards examination of the European College of Animal Reproduction. The program is supported by two ACT diplomates, two ABVP, and one ACVIM-LA. Should you have any questions or concerns please contact Dr. Igor Canisso (canisso@illinois.edu), or Dr. Edgar Garret (egarrett@illinois.edu).

Advising clinicians

Igor Canisso DVM, MSc, PhD, DACT, DECAR (Equine Reproduction)

Edgar Garret DVM, MS, DACT

Tessa Marshal BVSc, MS, DABVP (Dairy Practice)

James Lowe DVM, MS, DABVP (Food Animal Practice)

Brian Aldridge BVSc, MS, PhD, DACVIM-LA