



School of Veterinary Medicine
New Bolton Center
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Residency in Large Animal Theriogenology

The Department of Clinical Studies - New Bolton Center, University of Pennsylvania School of Veterinary Medicine is offering a 2-year residency in large animal theriogenology. This clinical training program is in the Section of Reproduction and Behavior. Currently, the Section consists of twelve members (faculty and professional staff), and the resident has the opportunity to train under the direction of seven Diplomates of the American College of Theriogenologists (ACT) and one Honorary Member of the ACT who is also a Board-Certified Applied Animal Behaviorist.

This program emphasizes a balance of patient reproductive health care, clinical teaching, and research. The caseload is predominantly equine; however, the residency also involves clinical work with cattle, small ruminants, camelids, and swine. Along with an active in-patient and out-patient clinic, the Center houses a reference andrology laboratory, equine assisted reproduction laboratory, and endometrial biopsy service. Our caseload provides an excellent opportunity to become proficient in breeding soundness evaluation of male and female animals; semen collection and analysis; alternative techniques for semen collection; transported semen; semen freezing; pregnancy diagnosis; reproductive ultrasonography; and assisted reproductive technologies such as oocyte recovery and embryo recovery and transfer in a variety of large animal species. Our group is also active in stallion and mare behavior evaluation and therapy. In addition to their clinical and teaching responsibilities, the resident will be expected to participate in and perform transvaginal oocyte aspiration procedures with our on-site Equine Assisted Reproduction Laboratory and will have the opportunity to work with the laboratory, which performs intracytoplasmic sperm injection, *in vitro* embryo culture, embryo biopsy and other advanced procedures. The resident will work closely with the high-risk pregnancy program in New Bolton Center's Hospital for Large Animals and will be an integral member of the team that provides management and care for the reproductive component of medical and surgical cases at the hospital. The position requires after-hours and emergency on-call duty under the guidance of a boarded specialist.

Along with responsibilities for instruction of students on clinical service rotations, the resident contributes to the professional teaching program through lectures and laboratories pertaining to horses, cattle, small ruminants, camelids and swine. To gain research experience, with faculty guidance, the resident is encouraged to participate in a research project of their choice. Support is provided to publish a peer-reviewed article to meet the requirements for certification as a Diplomate of the ACT.

This program fulfills the supervised training requirements for candidacy in the ACT. This is a two-year program with a starting date of July 1, 2022. The starting annual salary is \$35,568 and includes a generous benefits package. Qualifying applicants must have a VMD/DVM or equivalent degree, with a demonstrated interest in Theriogenology. A one-year internship or at least one year of general practice or equivalent experience is a prerequisite. The application should include a letter of intent indicating the reasons for seeking admission to this program and professional career goals, current resume, transcript of university performance, and three letters of reference. Applicants must be a citizen of the United States of America, Canada or Mexico or have permanent residency status in the USA. Application deadline is November 12, 2021. Submit electronic or printed application materials and/or inquiries to: Ms. Susan Merrill, Administrative Assistant, Section of Reproduction and Behavior, New Bolton Center, 382 West Street Road, Kennett Square PA 19348; 610-925-6220 (merrill2@vet.upenn.edu). The successful applicant will be required to sign a nondisclosure and noncompetition agreement prior to acceptance into the program.

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