



University of Pennsylvania  
School of Veterinary Medicine  
New Bolton Center

## Large Animal Surgery - Residency Training Program

### **Program Description for VIRMP:**

The objective of the three-year residency in large animal surgery is to provide knowledge and clinical proficiency in the diagnosis, operative treatment and postoperative management of large animals with surgical disease(s), in accordance with the requirements of the American College of Veterinary Surgeons (ACVS) for board certification. The program is designed to provide the resident with the opportunity to pursue career goals in surgery, teaching and research. For eligibility, a candidate must have completed a minimum of one year (12 months) of post-graduate experience acceptable to the surgical residency committee.

The resident will rotate between two equine surgery groups (10 months/year) and one food animal surgery group (2 months/year), and, under the guidance of board certified faculty members, will assist or be responsible for the diagnosis, surgery, general care and treatment of surgical patients, as well as participate in the on-call emergency service. The third year resident will assume complete responsibility for management of their own surgical cases and will function as the primary emergency service clinician during their time on call. The resident will also assist in the teaching of house staff and veterinary students, and attend and participate in scheduled rounds, seminars, laboratories and conferences in anesthesiology, radiology, surgery, pathology, medicine, cardiology/ultrasonography and sports medicine.

During the first, second and third years, ample time will be provided off clinics for research leading to a minimum of one surgery-related publication in a refereed journal, and for study or exposure to special surgical disciplines, including radiology, anesthesiology, pathology, internal medicine, ultrasound/cardiology, and sports medicine within or outside the University of Pennsylvania.

Continuation of the residency is contingent upon satisfactory performance, as determined on an annual basis, by the surgical residency committee. The resident shall be expected to establish and maintain contact with the ACVS and to fulfill the guidelines as outlined in the ACVS "informational brochure:" for surgical residency programs. A certificate of completion of the three-year residency program will be issued upon fulfillment of the program requirements and approval of the surgical residency committee.



Clinicians at New Bolton Center examine approximately 6,000 large animals (predominantly horses) each year. Approximately 1,700 surgical procedures using general anesthesia and 200-300 local anesthetic surgical procedures are performed each year. The hospital is fully equipped with three surgical suites, a pool-raft recovery system, a standing surgery and endoscopy suite, three Olympus videoendoscopes, two surgical lasers, a high speed treadmill, digital radiography, nuclear imaging, magnetic resonance imaging, computed tomography and ultrasonography and standing robotic CT. The hospital also has a fully staffed Neonatal Intensive Care Unit, three board-certified full-time emergency care surgeons, two board-certified clinicians responsible for outpatient lameness and high speed treadmill performance evaluations and one board certified ophthalmologist. Research facilities include a Molecular Biology Laboratory and an Orthopedic Research Laboratory.

*The University of Pennsylvania is an Equal Opportunity Employer.  
Minorities/Women/Individuals with Disabilities/Protected Veterans are encouraged to  
apply.*