The University of Edinburgh

The Royal (Dick) School of Veterinary Studies

Professional Doctorate in Veterinary Medicine (DVetMed) (“Residency”) in Veterinary Anaesthesia

Further Particulars

The University of Edinburgh (http://www.ed.ac.uk)

For more than four centuries, our people and their achievements have rewritten history time and again. They’ve explored space, revolutionised surgery, published era-defining books, paved the way for life-saving medical breakthroughs and introduced to the world many inventions, discoveries and ideas from penicillin to Dolly the sheep. We have believed that anything is possible.

We still do. The latest Research Excellence Framework highlighted our place at the forefront of international research. This adds to our international reputation for the quality of our teaching and our student experience excellence.

You will be part of one of the world’s leading universities, with 22 Schools spread over 3 Colleges that offer more than 500 undergraduate and 160 postgraduate courses to over 35,000 students each year. Professional services are critical to this success as well as our world-class teaching, research and student facilities. In fact, we are one of the top employers in Edinburgh, with over 12,000 people spread across a wide range of academic and supporting roles.

The University is proud of its success with online teaching initiatives, with 1905 students currently studying its online distance learning postgraduate programmes, and a total to date of 1 million enrolments for Edinburgh MOOCs.

As a world-changing, world-leading university we are an exciting, positive, creative, challenging and rewarding place to work. We give you support, nurture your talent, develop and reward success and integrate academic, professional and personal career goals, as well as give your career the benefit of a great and distinguished reputation.

The University of Edinburgh holds a Bronze Athena SWAN award in recognition of our commitment to advance the representation of women in science, mathematics, engineering and technology. We are also Stonewall Scotland Diversity Champions actively promoting LGBT equality.

The University has a range of initiatives to support a family friendly working environment. Please see http://www.ed.ac.uk/equality-diversity/help-advice/family-friendly

The College of Medicine and Veterinary Medicine (http://www.ed.ac.uk/medicine-vet-medicine)

The College of Medicine and Veterinary Medicine traces its origins back nearly 500 years (Darwin, Simpson and Conan-Doyle were students here) and is internationally renowned for its research and teaching. The College employs over 2300 academic and has two Schools; the Edinburgh Medical School comprising three Deaneries; Biomedical Sciences; Molecular,
Genetic and Population Health Sciences and Clinical Sciences and the Royal (Dick) School of Veterinary Studies.

**The Royal (Dick) School of Veterinary Studies**

**Edinburgh Medical School: Biomedical Sciences**

**Edinburgh Medical School: Biomedical Sciences, Biomedical Teaching Organisation**

**Edinburgh Medical School: Molecular, Genetic and Population Health Sciences**

**Edinburgh Medical School: Clinical Sciences**

The undergraduate medicine teaching programme in the College enjoys a high reputation nationally and internationally, with over 1,300 students enrolled on the MBChB and Intercolated courses and nearly 1000 on the Veterinary Sciences BVM&S and related programmes. In addition, approximately 2000 students are currently enrolled in the College’s taught and research post-graduate courses, including an extensive range of online distance learning diplomas and degrees. They are trained by over 1000 outstanding academic staff. Details of PhDs, research programmes and studentships are available through our interdisciplinary research institutes and centres ([http://www.ed.ac.uk/schools-departments/medicine-vet-medicine/research/institutes/centres](http://www.ed.ac.uk/schools-departments/medicine-vet-medicine/research/institutes/centres)).

The academic disciplines within Medicine are largely concentrated in the two teaching hospital campuses, the Royal Infirmary at Little France and the Western General Hospital. Both have extensive new infrastructure with major research institutes and state of the art research facilities on clinical sites. Edinburgh hosts a number of prestigious MRC and BHF Research Centres. The approach is interdisciplinary, with basic and clinical researchers working together at the laboratory bench and in our clinical research facilities to address major themes in basic, clinical and translational medicine.

The Royal (Dick) School of Veterinary Studies on the Easter Bush campus houses outstanding teaching and clinical facilities as well as the splendid Roslin Institute, one of the world’s leading veterinary research centres. The College offers outstanding opportunities to address ‘One Health’ and Global Health problems of the highest international priority.

**Research Excellence Framework (REF) 2014**

The College’s reputation as one of the world’s leading centres of medical and veterinary medical research has been reaffirmed by its UK REF2014 results. Medicine, the University’s largest submission, was ranked in the top 5 in the UK. Veterinary Medicine came 1st in the UK, and retained its position as the UK’s top Vet School. It made a joint submission with Scotland’s Rural College (SRUC). Neuroscience was ranked 3rd in the UK out of 82 submissions, representing a major advance. Overall, 84% of the College’s research activity was rated world leading or internationally excellent (3* and 4*). In terms of ‘one medicine’ research (human and animal medicine), the University of Edinburgh’s research power (quality x volume) is the strongest in the UK.

**The Royal (Dick) School of Veterinary Studies (R(D)SVS) ([http://www.vet.ed.ac.uk](http://www.vet.ed.ac.uk))**

The Royal (Dick) School of Veterinary Studies, headed by Professor David Argyle, has an international reputation for its research, teaching and clinical services. It occupies a new £45 million veterinary teaching building, next to the existing prestigious small and large animal hospitals at the Easter Bush Campus, completed in 2011, and designed to support top class
veterinary education in the 21st century. The hospital includes a major new veterinary oncology and imaging centre.

The School is consistently highly ranked by The Times Higher and the Guardian newspaper. The School is accredited by the Royal College of Veterinary Surgeons (RCVS), the European Association of Establishments for Veterinary Education (EAEVE) and the American Veterinary Medical Association (AVMA) and participates in the Veterinary Medical Colleges Admissions Service (VMCAS).

The School, along with The Roslin Institute and Scotland's Rural College, were part of a joint submission to the 2014 Research Excellence Framework. This submission to Unit of Assessment 6 (Agriculture, Veterinary and Food Science) was ranked as number 1 in the UK. The joint submission was the largest to UoA6, with over three quarters of the research outputs submitted judged to be "world leading" or "internationally excellent". Over 80% of the submitted impact studies were scored highly, in addition to which the research environment was scored as 100% at 4*. The REF results saw the School maintain it's position as the number 1 ranked vet school for research in the UK.

The School is a global education provider and has nearly 1000 undergraduate, postgraduate and research students from a number of different countries. We provide world-class education to improve the health of animals and human beings alike and are leaders in veterinary education, research, and clinical practice, at both undergraduate and postgraduate level.

The Royal (Dick) School of Veterinary Studies holds a Bronze Athena SWAN award in recognition of our commitment to advance the representation of women in science, mathematics, engineering and technology.

In April 2008 the Easter Bush Research Consortium (EBRC) was formed which brings together the science of The Roslin Institute, the R(D)SVS, Scotland's Rural College and the Moredun Research Institute. The partnerships within the EBRC, and integration with clinical practice and education in the R(D)SVS, provide major opportunities for application and exploitation of the research of the consortium partners. Together, the EBRC forms one of the largest groups focussed on the biology of companion and production animals in the world. It undertakes basic and translational science to tackle pressing issues in animal genetics and genomics, development, health and welfare and their implications for human health.

The Roslin Institute holds a Gold Athena SWAN award in recognition of their commitment to advancing the representation of women in science, mathematics, engineering and technology.

The Roslin Institute is strategically supported by the BBSRC; funded by Institute Strategic Programme Grants and National Capability Grants. The Institute aims to enhance the lives of animals and humans through world-class research in animal biology. The principal objectives are to:
• Enhance animal health and welfare through knowledge of genetic factors affecting resistance to disease.
• Enhance sustainability and productivity of livestock systems and food supply chains through understanding of reproductive and developmental biology.
• Enhance food safety by understanding interactions between disease causing organisms and animals.
• Enhance human health through an understanding of basic mechanisms of health and disease and comparative biology of animal species.
• Identification of new and emerging zoonoses and understand how pathogens might cross from animals to humans.
• Enhance quality of life for animals by studying the mechanisms and behaviours associated with optimising their environment and life experiences.

The Roslin Institute provides holistic solutions to global challenges in human and veterinary medicine, the livestock industry and food security. The results of the Institute's research are important in many ways.

The Roslin Institute aims to improve animal health and welfare with a view to benefiting the environment, developing countries, farmers and the public. Their research goals are to conserve genetic diversity, control animal diseases, develop new diagnostics and therapeutics for animals and humans and improve food quality and safety. The increase in global demand for livestock products as the world's population increases and becomes more affluent means new methods of production that ensure long-term sustainability must be developed.

The research of The Roslin Institute involves work in animals, in cells and tissues, and in computer modelling and simulations. Research is conducted at the highest standards of animal care and welfare.

The Roslin Institute has a large number of collaborations within Edinburgh; both with the University and with other local research organisations and our scientists collaborate widely on the international stage.

Research Excellence Framework (REF) 2014

The Roslin Institute, along with the Royal (Dick) School of Veterinary Studies and Scotland's Rural College, were part of a joint submission to the 2014 Research Excellence Framework. This submission to Unit of Assessment 6 (Agriculture, Veterinary and Food Science) was ranked as number 1 in the UK. The joint submission was the largest to UoA6, with over three quarters of the research outputs submitted judged to be "world leading" or "internationally excellent". Over 80% of the submitted impact studies were scored highly, in addition to which the research environment was scored as 100% at 4*.

The Hospital for Small Animals (www.dickvet.com)

The Hospital for Small Animals (HFSA) principally deals with cases referred from Scotland and the north of England, although some come from much further afield. Disciplines covered include veterinary anaesthesia and analgesia, orthopaedic and soft tissue surgery, internal medicine (canine and feline), cardiopulmonary medicine, emergency and critical care medicine, oncology, neurology and dermatology services. Increasingly, patients are referred for advanced diagnostic imaging and diagnosis is aided by ready access to clinical pathology facilities within our on-site Easter Bush Pathology Service. HFSA also houses a busy first-opinion canine/feline practice and an Exotic Animal and Wildlife Service dealing with both first and second-opinion cases. The Hospital supports teaching and research through income generation and supply of clinical material; it has an annual turnover of around £7 million.
Further information about our internal medicine service is available on www.ed.ac.uk/vet/hfsa-int-med

The Equine Hospital (http://www.ed.ac.uk/schools-departments/vet/services/equine-services/hospital)

The Equine Hospital is the principle equine referral centre for practitioners in Scotland and the north of England. Areas of speciality are: anaesthesia; soft tissue and orthopaedic surgery; medicine – particularly cardiology, reproduction, and diagnostic imaging. The hospital is supported by an on-site Easter Bush Pathology Service. The Hospital supports teaching and research through income generation and supply of clinical material; it has an annual turnover of around £2 million.

Other Centres

The Veterinary Anaesthesia service also provides practical and consultative assistance in the activities of affiliated institutes and private companies. The most active collaborations are with the Roslin Institute, particularly Scotland’s Rural College (SRUC) formally the Scottish Agricultural College, the Moredun Institute, and The Queen’s Medical Research Institute at the Royal Infirmary of Edinburgh.

Veterinary anaesthetists are occasionally involved with providing practical assistance at the Royal Zoological Society of Scotland (Edinburgh Zoo) and other wildlife centres.

The Anaesthesia Programme

The Veterinary Anaesthesia residency at the R(D)SVS represents an opportunity for enthusiastic clinicians to embark on an ECVAA residency and includes enrolment on the Professional Doctorate in Veterinary Medicine (DVetMed) programme.

Residency in Veterinary Anaesthesia: Requirements

Residents must possess a veterinary degree that is recognised by the Royal College of Veterinary Surgeons, and be Members or Fellows of the Royal College of Veterinary Surgeons and be licensed to practice veterinary medicine in the United Kingdom.

Aims and objectives

This is a four year programme leading to the Professional Doctorate of Veterinary Medicine (DVetMed). This will include clinical training and other requirements to gain your credentials to sit the ECVAA Diploma examinations.
The resident will be expected to anaesthetize their own cases when required. As they gain experience, they will be accorded greater case responsibility in more complex cases. They will also be expected to increasingly supervise final year veterinary students anaesthetizing appropriate cases.

Specialist clinical skills include: developing problem solving skills in veterinary anaesthesia; developing skills in planning anaesthetics for higher risk cases; participating in and managing undergraduate rounds; taking out of hours responsibilities (with support from experienced colleagues); assisting final year rotations in the LAH and HfSA, and attend Part A or Part B of the FFARCS course.

Veterinary academic practice includes: assisting teaching final year rotation; undertaking didactic lecture; and participating in undergraduate tutorials. Instruction of undergraduate students in veterinary anaesthesia is undertaken informally in the clinic, through tutorials,
practical classes and rounds for undergraduate students in the Third, Fourth and Final year of the BVM&S curriculum. This will normally be in clinical subjects related to your discipline but may involve veterinary pre-clinical (e.g. anatomy) teaching if this is considered valuable to your academic development.

Clinical Responsibilities

Interns and residents will not be asked to adopt case management unless their immediate supervising anaesthetist deems them to be capable and will not be asked to accept case management if they themselves feel uncomfortable. Residents will consult with senior staff on all cases until they are capable of managing referral cases.

All anaesthetics will be conducted according to the “Principles of Good Anaesthetic Practice” as enunciated in the Small Animal Hospital Anaesthesia Policy document. An anaesthetic record will be kept.

Other Responsibilities

The resident is expected to participate in current and future clinical trials within the Department. The resident will be expected to carry out a research project. ALL research projects MUST be approved by the resident’s supervisor, Head of Service and the Veterinary Ethical Review Committee.

Each resident is expected to prepare and submit for publication in refereed journals two manuscripts in the course of their training programme. One of these papers must be a research report.

The resident is expected to maintain a current and accurate casebook.

In addition to clinical responsibilities, the resident will be expected, where possible, to actively participate in the following seminars/rounds:

1. Anaesthesia journal club weekly (Mondays; 09:00 – 10:00).
2. Resident morning rounds (every other Monday 8:00-9:00)
3. Resident rounds every Friday 08:00-09:00 (case discussions with senior staff).
4. Department research seminars once monthly (Friday 8:00-9:00).
5. Large animal rounds 13:00 – 14:00 Fridays.
6. Evening seminars and Case presentations in the Hospital for Small Animals.
7. Resident business meetings (every other Monday 8:00-8:30).
8. Appropriate weekly special speaker lectures (4pm Friday afternoons).
9. Other special presentations, as directed by supervisor or Anaesthesia Section Head.

Additional sectional and research duties may be assigned by the anaesthesia clinical or academic leads.

Residents may be required to participate in School events as directed by the Head of School.

Supervision, Line Management and Appraisals
All residents will be allocated an ECVAA Diplomate as main supervisor and a secondary supervisor. Research projects may be undertaken with other members of staff, subject to main supervisor approval.

The programme of study and work will be set by the main supervisor in conjunction with other appropriate staff. Training will include both teaching and clinical duties. Duties may change from time to time following appropriate consultation with the supervisor.

Residents will normally be appraised by their supervisor at 3 monthly intervals in the first year, and 6 monthly intervals thereafter.

Further Information

The full-time Veterinary Anaesthesia and Analgesia Residency is a clinical based programme aimed at obtaining specialised knowledge and experience. It is based at our Equine and Hospital for Small Animals at Easter Bush. You will be enrolled on the DVetMed programme, and your status will be that of post-graduate student. Postgraduate fees will be paid by the University of Edinburgh.

A principal aim of the Residency is to train research-literate specialist clinicians. To obtain the DVetMed qualification you must complete a clinical research project with a thesis examined in Year 4; the nature of this project will be agreed with their Supervisor at the start of your Residency. You will be expected to prepare and submit manuscripts for publication in refereed journals during your training programme; the number, nature and timing of these manuscripts will be agreed with the Supervisor.

Your programme of study and work will be set by your Supervisor in conjunction with other appropriate staff. In addition to instruction and research, your training will include both teaching and clinical duties. Duties may change from time to time following appropriate consultation with your Supervisor.

You will be required to undertake clinical duties (including out of hours duties) necessary to gain the appropriate training. While undertaking clinical duties, you must adhere to any procedures, protocols, rules or regulations determined by the Director of the Equine and Hospital for Small Animals. The requirement to undertake such duties does not confer employee status.

An important aspect of training is to accept appropriate professional responsibility for clinical case supervision and to undertake such investigations, therapeutic measures and surgical procedures as necessary under the supervision of your Supervisor. It is expected that the degree of responsibility will increase as progress is made through the programme. Ultimate responsibility for individual cases will always be with your Supervisor.

Outside professional activities or employment must be discussed and approved by your Supervisor and they must not interfere with Residency duties. The Resident will be expected to study regularly at night and weekends in order to prepare for their examinations.

You are required to obtain the consent of the Head of Section before becoming a member of any outside committee or expressing your views in public on matters connected with the work of the School (this does not preclude you from addressing scientific or professional gatherings). If you should feel aggrieved at a refusal of consent there will be a right of appeal to the Head of School.
Communications to the press, radio or television, excluding scientific communications to the scientific and veterinary press, expressing personal views may not be communicated from the School address except by permission of the Head of School.

Residents, by accepting their programme of study, assign all Intellectual Property that they may generate in the course of their studies to The University of Edinburgh.

Copies of the current procedures for dealing with matters of discipline or grievance are available from the School.

You may be required to participate in School events as directed by the Head of Section.

Further specific conditions relate to some externally funded scholarships and to Residencies in specific disciplines; such conditions will form part of your “contract” with the University.

**Stipend, Allowances and Leave**

The post attracts an annual tax-free stipend of £19,664.08 per annum paid monthly by direct transfer to your Bank or Building Society account, normally on the 28th of the month.

The Residency is for four years, subject to review on an annual basis. In the event that the Residency is not completed or satisfactory progress not made, a period of 2 months’ notice in advance of the date of departure must be given by either party.

You must be registered as a Member of the Royal College of Veterinary Surgeons. You are responsible for ensuring that you are registered and for paying the annual registration fee.

Your annual leave (absence from the study programme) entitlement is 25 days plus the four recognised University holiday days. All leave must be agreed at least 30 days in advance with your supervisor (or a staff member to whom this responsibility has been delegated). Where clinical or other duties fall on a recognised holiday day, you will be granted time off in lieu. The leave year will run from January to December. In part years (i.e. at the start and end of your programme), leave entitlement will be on a pro rata basis. Annual leave cannot be carried from one leave year to another, except in exceptional and approved circumstances.

During sickness absence covered by medical certificates, payment of the award will continue at the full rate for three calendar months. Any payment beyond this period will be at the discretion of the School.

The University’s Student Maternity and Family Leave Policy will apply to Residents.


Where eligible, Residents will be entitled to receive stipend payments for up to 6 months maternity leave or two weeks paid paternity leave as applicable. Residents can request an additional 6 months interruption of studies as maternity leave although stipend payment is not available for maternity leave in excess of 6 months.

The Residency programme will include 5 days per annum for attending such meetings, seminars, tutorials and lectures and preparing written reports as approved by your supervisor. Additional Continuing Professional Development (CPD) opportunities may arise during the course of your Residency if deemed necessary and approved by your supervisor. A specific
allowance (currently £600 per annum) is available to cover or contribute to the cost of CPD, travel, conferences, AV production, photocopying and library requests. This information is available on request from the Head of Section.

Disclosure

This Residency is subject to a Standard Disclosure Check. Appointment to this Residency is conditional on the University receiving a satisfactory Standard Disclosure check. The successful candidate will not be permitted to commence the residency until this has been received. Information provided will be kept confidential and individuals will not be discriminated against unnecessarily due to non-relevant offending background. If you require further information regarding Disclosure, please refer to www.disclosurescotland.co.uk

English Language Requirements

If English is not your first language, you must also provide evidence of good written and spoken English skills. Please go to www.ed.ac.uk/studying/postgraduate/international/language for further details.

Informal Enquiries

Informal enquiries are encouraged and may be made to Dr Gudrun Schoeffmann (email: gudrun.schoeffmann@ed.ac.uk).

Application Procedure

A completed application form, covering letter, Curriculum Vitae and the names of three referees should be submitted, preferably electronically, to Mrs Emma Pineau (DVetMed@ed.ac.uk) or alternatively, they may be posted to Mrs Emma Pineau, Royal (Dick) School of Veterinary Studies, The University of Edinburgh, Easter Bush Campus, Roslin, EH25 9RG, Scotland, telephone: +44 (0)131 651 9198, from whom further particulars may be obtained.

Starting Date

The scholarship is available from September 2020 or by arrangement.

Closing Date for Applications

The closing date for applications for this scholarship is 12noon on Monday 29th June 2020.

We cannot consider late applications.