



UNIVERSITY OF LIVERPOOL



**Institute of Veterinary Science/Institute of Infection and
Global Health**

Department of Veterinary Pathology, Infection & Public Health.

**Anatomic pathology residency programme (zoo
animals and wildlife)**



Faculty: Health and Life Sciences

Location: Leahurst Campus, Wirral

Tenure: 3 years

Hours of work: Full Time

Closing Date: 10/08/2018

Interview Date: To be confirmed

Informal enquiries to Dr Ranieri Verin, email rverin@liv.ac.uk



Post Name and Grade

ROLE PURPOSE & UNIVERSITY CONTEXT

Role Overview: Anatomic Pathology Residency specialising in zoo animals /wildlife species

CORE ACCOUNTABILITIES

1. The Department of Veterinary Pathology & Public Health is in the Institute of Veterinary Science, in the Faculty of Health & Life Sciences. It provides a diagnostic pathology service to the University hospitals (equine and small animals) and outside clients (eg. Chester and Blackpool Zoos) and closely collaborates with the Leahurst Surveillance Centre at the Leahurst Campus. The pathologists are extensively involved in clinical research and a wide range of collaborative, interdisciplinary research projects.
2. **Prime objectives:**
 - Intensive post-graduate training in the field of veterinary pathology to enable the successful candidate to pursue a career in the field
 - Completion of a post-graduate qualification in veterinary pathology (DipIECVP/FRCPath)
 - Completion of a post-graduate qualification (MPhil) within the three years with applied research project on exotic / wild animal pathology (Cowpox virus tissue distribution in its reservoir and aberrant host species).

RESPONSIBILITIES & DUTIES

Applications are invited for a Residency in Anatomic Pathology. This three-year postgraduate programme, funded by the North of England Zoological Society (Chester Zoo), involves supervised clinical work and applied clinical research. The Resident will receive specialised training in anatomic pathology covering a broad range of species but with an exotic animal and wildlife focus while working within the Department of Veterinary Pathology and Public Health. The flexibility to travel to Chester Zoo will be required. The Resident will be expected to prepare to sit the examinations leading to DipIECVP and/or FRCPath. The Resident will also be enrolled onto an MPhil programme at the Institute of Infection and Global Health (IGH), University of Liverpool. The Resident will be involved in teaching of (BVSc and Conservation Medicine BSc) undergraduate students, participate in the diagnostic necropsy and surgical biopsy rota and undertake clinical research directly relevant to the zoological collections. The Resident will be expected to submit for publication two or more manuscripts based on their research work during the three-year programme for which previous experience in laboratory-based research and publishing novel peer-reviewed manuscripts on exotic animal pathology would be an advantage.

The Residency is open to a veterinary graduate holding a degree registrable with the Royal College of Veterinary Surgeons and having previous experience of laboratory-based research.

The tax-free stipend for the Resident will start at £27,000 per annum, increasing by annual increments to £28,000 and will be continued subject to satisfactory progress and assessment.

The Department of Veterinary Pathology & Public Health - Institute of Veterinary Science, brings together the disciplines of veterinary pathology, veterinary public health and veterinary microbiology. The Veterinary Pathology group is comprised of 13 members of academic staff including 6 lecturers and 3 residents in



veterinary pathology.

The Veterinary Pathology Diagnostic Service (part of Veterinary Laboratory Services) is based within the Department. It offers post-mortem examinations and services in histopathology (biopsies), immunohistochemistry and electron microscopy. The service performs ~300 post-mortem examinations per year across a range of species and although the majority (60%) of the caseload will be wildlife/exotic species, 40% of the resident's time will be devoted to domestic species to give a broad experience. Farm animal pathology is also available through our collaboration with colleagues in the Leahurst Surveillance Centre, which is administered by the Livestock Health & Welfare Department, also based at the Leahurst Campus.

It will be the responsibility of the Resident to work alongside all senior pathologists on the diagnostic rota. The Resident will perform all the roles of the pathologist: post-mortem examination, recording of gross findings in a preliminary report, selection and preparation of tissues for further examination, rigorous and detailed histopathological examination and the writing of pathological reports. Senior pathologists will supervise all elements and this interaction will comprise the majority of the training.

The Resident is expected to register as trainees of the European College of Veterinary Pathologists. The University of Liverpool is a registered ECVP training centre; three of the senior pathologists are ECVP diplomates and two are ECZM diplomates providing high level training in wildlife and exotics pathology. After 36 months of continuous attendance candidates are entitled to take the qualifying examination for the European College (DipIECVP). The Resident also has the option to register as trainees with the Royal College of Pathologists as 2 members of staff are fellows of the college (FRCPath).

The Resident will assist the academic staff in the delivery of undergraduate teaching. This comprises small group teaching of gross pathology and necropsy classes to vet students, including assessment of student reports; the resident will also help supervise final year students whilst on pathology rotation.

Research interests within the group focus on wildlife / exotic animal pathology, infectious diseases, equine pathology, oncology, neuropathology and forensic veterinary pathology.

Person Specification

ESSENTIAL CRITERIA

DESIRABLE CRITERIA

(Identified from – Application form, CV, Supporting Statement, Interview, References)

EXPERIENCE

1.	One year Postgraduate practice experience as a veterinarian in a field relevant to veterinary pathology	Experience in teaching veterinary undergraduates
2.	Names, addresses and email contact details for two recent referees	Experience in veterinary pathology

EDUCATION, QUALIFICATIONS AND TRAINING

1.	EU and RCVS-recognised veterinary degree. MRCVS, or eligible for membership	PhD or other postgraduate research degree
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SKILLS, GENERAL AND SPECIAL KNOWLEDGE

1.	High level of general veterinary knowledge	Specific awareness of aspects of veterinary pathology
2.	Ability to communicate clearly and confidently at all levels	Experience in laboratory-based research and publishing novel peer-reviewed manuscripts.



3.	Good interpersonal, organisational and communication skills (spoken and written English) You are required to have passed the UoL language requirements (see online application for details)	Track record of publications in international peer-reviewed scientific journals.
PERSONAL ATTRIBUTES AND CIRCUMSTANCES		
1.	Enthusiasm for the application of veterinary pathology to animal and public health and research, and for working in multidisciplinary teams	
2.	Ability to work in a team	
3.	Ambition to embark on a career in exotic animal pathology and to take the ECVF certifying examination	
4.	Ambition to pursue a veterinary career, with particular reference to exotic animal and wildlife pathology, at the end of the Residency	



A World Class University



The University of Liverpool is one of the UK's leading research institutions with an annual turnover of £480 million, including £133 million for research. Liverpool is ranked in the top 1% of higher education institutions worldwide and is a member of the prestigious Russell Group, comprising the leading research universities in the UK.

As an international institution, we have 31,000 students and 195,000 alumni in 200 countries. Our global focus has led us to establish a university in the World Heritage city of Suzhou near Shanghai, in partnership with Xi'an Jiaotong University – a top 10 university in China. Liverpool is popular with students from all over the world, with 7,700 international students from all over the world studying at the University. We are also the largest provider of 100% online postgraduate degree courses in Europe with some 10,000 students studying for University of Liverpool degrees around the world.

Associated with no fewer than nine Nobel Laureates, we are recognised for our high-quality teaching and research. In the UK Government's most recent research assessment exercise, a total of 81% of the University's research staff were ranked in the highest categories of 4* (world-leading) and 3* (internationally excellent) for their research.

Addressing some of the world's toughest challenges, our research is helping to transform lives. Here you can work with us to conduct research that has a positive impact on people and the planet, to share ideas with peers, with business and beyond, to further widen your world view within our international network of academic partners and to prepare to be a true global citizen. Here at the University, we can help you to make a real difference to the wider world.

The University continues to strengthen key aspects of the student experience, investing £600 million in its teaching, research and residential estate over a 10-year period including £250 million in high quality accommodation and £350 million in the city centre campus and at the Veterinary Science site at Leahurst on the Wirral.

Life Changing, World Shaping



The City of Liverpool



As the fourth largest city in the UK, Liverpool is diverse, energetic and exciting. Built on an illustrious heritage that stretches back 800 years, Liverpool has a global reputation for sport, music, architecture and culture.

Today the city is enjoying a resurgence, driven by its designation as European Capital of Culture in 2008. Record levels of inward investment have transformed the city.

The regeneration of Liverpool City Centre has been spearheaded by the £1 billion Liverpool One project - one of Europe's biggest shopping/mixed-use schemes, which has positioned the city as one of the UK's top five retail destinations.

The successful European Capital of Culture experience in 2008 has been followed by the designation of Liverpool's stunning waterfront as a UNESCO World Heritage Site and massive investment in new cultural and leisure attractions, including Albert Dock. Liverpool is a major cultural hub in the UK. In fact, there are more museums, theatres, and galleries in Merseyside than in any other region outside London.

Liverpool Philharmonic Hall, home to the Royal Liverpool Philharmonic Orchestra, one of Europe's leading orchestras, is the classical counterpoint to the city's many contemporary music venues and the visually stunning Echo Arena.

Home to two of Europe's most famous football teams – Liverpool FC and Everton FC– the city's achievements in sport are internationally recognised. Aintree Racecourse, home of the Grand National, and two internationally acclaimed golf courses at Royal Birkdale & Royal Liverpool in Hoylake are on the doorstep.

Compared to many other UK cities Liverpool has less congestion, is closer to countryside, has more parks, has more cultural and recreational opportunities, better schools and more accessible transport. Liverpool is uniquely situated 1 hour from Manchester, 3 hours from London by train and the city's Liverpool John Lennon Airport (one of the Europe's fastest growing airports) connects to more than 650 world-wide destinations.

For more information on the city of Liverpool, visit: www.itsliverpool.com



The Faculty

Faculty of Health and Life Sciences

The Faculty of Health and Life Sciences at the University of Liverpool is one of UK's leading centres for health and life science research and education.

We are the only organisation of our kind to offer scientific and clinical education that spans the full range of biosciences, clinical medicine, health sciences, dentistry, veterinary science and tropical medicine.

This positions us as one of the largest and most innovative educators in our field and we have dedicated Institutes for education and for research.

Our internationally renowned research is centred on five research institutes. These provide the platforms for a vast array of experts to make an impact on today's health and life science challenges and thinking.

Through our partnerships with the NHS, industry and academia we also host and support numerous centres of excellence in fields ranging from drug safety and personalised medicine to zoonosis and dairy farming.

We are strongly committed to applying our research and have a proud record of improving the lives of people and animals around the world.

As a member of the elite Russell Group, the University of Liverpool attracts strong research funding and is investing heavily in health and life sciences. This is driving our constant expansion and development.

Over 1850 staff, 5,000 undergraduates and 1,000 postgraduate students, together with our many alumni and partners, are helping to build our reputation every day.

We have undertaken a transformation of the structure and management of professional services to achieve closer alignment between the academic structure and Professional Services, ensuring the required levels of support and expertise are in place at the appropriate levels.

For more information about the Faculty of Health and Life Sciences see:-

<https://www.liverpool.ac.uk/health-and-life-sciences/>

Institute of Veterinary Science

The Institute of Veterinary Science has its main campus at Leahurst, which covers an area of approximately 200 acres and is situated in Neston on the Wirral. The work of the campus revolves around undergraduate and postgraduate veterinary teaching, clinical work and research. On the site there are 3 referral hospitals, two first opinion practices, post mortem room facilities and research laboratories, clinical skills laboratories, conference facilities and a lecture theatre. In close proximity to the Campus are two working farms, one has a mixture of sheep, pigs and pedigree cows and the other is a large dairy farm. In Liverpool additional clinical and teaching facilities include the Veterinary Teaching Suite (VTS) and University Veterinary Practice and administrative offices in the Thompson Yates Building. The Institute was ranked 6th in the world rankings of Veterinary Schools in 2016.



Application Process



How to apply

Applications should comprise:

- A copy of your full curriculum vitae
- A statement indicating the reasons for applying for this post and how your training and experience is relevant
- Names of two referees

Apply by following the link below:

<https://www.findaphd.com/search/ProjectDetails.aspx?PJID=99417>

General Information

Diversity and Equality

The University of Liverpool is committed to diversity and equality of opportunity. All employees and applicants for jobs will be considered on their abilities and will not be discriminated against on the grounds of age, caring responsibilities, colour, disability, employment status, gender, gender identity, marital status, nationality, race or ethnic origin, religion or belief, sexual orientation, socio-economic status or any other irrelevant distinction. Training is available to support career progression within the University.

The Institute of Infection & Global Health is fully committed to promoting gender equality in all activities. In recruitment we emphasise the supportive nature of the working environment and the flexible family support that the University provides. The Institute holds a silver Athena SWAN award in recognition of ongoing commitment to ensuring that the Athena SWAN principles are embedded in its activities and strategic initiatives.

Two Ticks Disability: Guaranteed Interview Scheme (GIS)

The University of Liverpool is committed to the employment of disabled people, and as part of our commitment, we guarantee to interview all disabled applicants who meet the essential criteria for a post and consider them on their abilities. If your disability prevents you completing the application form by the specified closing date, or when the vacancy closes early, due to a high volume of applications, please call the Recruitment Team to discuss alternative arrangements.
<http://www.liv.ac.uk/working/jobvacancies/guaranteedinterviewscheme/>

