



<b>College   Management Unit:</b>	UCD College of Health and Agricultural Sciences
<b>School   Unit:</b>	UCD School of Veterinary Medicine
<b>Post Title &amp; Subject Area (if relevant)</b>	<b>UCD Post-doctoral Research Fellow Level 1</b>
<b>Project:</b>	Investigation of the risk of novel sources of hepatitis E virus to humans in Ireland
<b>Post Duration:</b>	Up to 30 <sup>th</sup> Nov 2026
<b>Line Manager</b>	Nicola Fletcher
<b>Competition Ref. N<sup>o</sup></b>	018012
<b>HR Administrator</b>	Julie Breen

### Position Summary:

This project will investigate the relative risk of sources of hepatitis E virus, an emerging zoonotic viral infection, to humans in Ireland. Using recently developed liver models and molecular techniques the project will quantify the presence of infectious virus in animals, foodstuffs and environmental samples. This project will use a multi-disciplinary approach to understand HEV in animals and the environment, providing critically needed information that will be used to identify, characterise and quantify the risk of the major routes of zoonotic transmission of HEV. The postdoctoral research fellow will have the opportunity to work with collaborators across Ireland, and use a range of techniques to investigate this important viral infection.

This post is for an enthusiastic scientist with an interest in applied virology research. You will join an interdisciplinary team consisting of experts in virology, public health, epidemiology, modelling, veterinary medicine and molecular biology, and combine exciting research of high academic standard with the application of research findings in the field.

This is a research focused role, where you will conduct a specified programme of research supported by research training and development under the supervision and direction of a Principal Investigator.

The primary purpose of the role is to further develop your research skills and competences, including the processes of publication in peer-reviewed academic publications, the development of funding proposals, the mentorship of graduate students along with the opportunity to develop your skills in research led teaching.

### Principal Duties and Responsibilities:

- Conduct a specified programme of research and scholarship under the supervision and direction of your Principal Investigator.
- Engage in appropriate training and professional development opportunities as required by your Principal Investigator, your School or Institute, or the University.
- Engage in the dissemination of the results of the research in which you are engaged as directed by and with the support of and under the supervision of your Principal Investigator.
- Engage in the wider research and scholarly activities of your research group, School and Institute.
- Mentor and assist, as appropriate and as directed, the research graduate students in your group, School and Institute.
- Carry out administrative work associated with your programme of research.

**POST DOC LEVEL 1: Salary: €44,847 - €45,441 per annum.**

Appointment on the above range will be dependent on qualifications and experience

Details on eligibility to compete and pension information is available at

<https://www.ucd.ie/hr/resourcing/eligibilitytocompete/>

UCD welcomes applications from everyone. We are committed to creating an environment where diversity is celebrated and everyone is afforded equality of opportunity. Learn more about Diversity at

<https://www.ucd.ie/workatucd/diversity/>

**Selection Criteria**

Selection criteria outline the qualifications, skills, knowledge and/or experience that the successful candidate would need to demonstrate for successful discharge of the responsibilities of the post. Applications will be assessed on the basis of how well candidates satisfy these criteria.

Mandatory:

- PhD in Microbiology, Virology, Genetics, Biochemistry or a related discipline
- Experience in molecular biology and PCR
- Experience working at Biosafety Level 2 and/or 3
- Proficient in statistical data analysis
- A demonstrated commitment to research and publications
- An understanding of the operational requirements for a successful research project
- Evidence of research activity (publications, conference presentations, awards) and future scholarly output (working papers, research proposals, and ability to outline a research project).
- Excellent Communication Skills (Oral, Written , Presentation etc).
- Excellent Organisational and Administrative skills including a proven ability to work to deadlines.
- Candidates must demonstrate an awareness of equality, diversity and inclusion agenda.

The PD1 position is intended for early stage researchers, either just after completion of a PhD or for someone entering a new area for the first time. If you have already completed your PD1 stage in UCD or will soon complete a PD1, or you are an external applicant whose total Postdoctoral experience, inclusive of the duration of the advertised post, would exceed 4 years, you should not apply and should refer to PD2 posts instead.

Desirable:

- Experience in cell and tissue culture
- Experience in molecular virology
- Full driver's license
- Experience in setting own research agenda

**Supplementary information:**

The University:	<a href="https://www.ucd.ie/">https://www.ucd.ie/</a>
UCD Strategy 2020-2024: Rising to the Future	<a href="https://strategy.ucd.ie/">https://strategy.ucd.ie/</a>
The School/Programme Office/Unit:	<a href="http://www.ucd.ie/vetmed/">http://www.ucd.ie/vetmed/</a>
Equality Diversity and Inclusion at UCD	<a href="https://www.ucd.ie/workatucd/diversity/">https://www.ucd.ie/workatucd/diversity/</a>

UCD offers a comprehensive **Research Careers Framework** in line with the Advisory Science Council Report '*Towards a Framework for Researcher Careers*'. This model provides a structured and supportive **Career and Skills Development** system designed to ensure that Post-docs in UCD are able to plan their careers and prepare for future opportunities in academia, industry or the public sector. For more information, please [click here](#)

**Informal Enquiries ONLY to:**

Please note this section is optional. Applications will be addressed to an assigned HR administrator.

Name:	
Title:	
Email address:	
Telephone:	