



UNIVERSITY OF
LIVERPOOL

Careers &
Employability

CAREERS AND EMPLOYABILITY

RESEARCH CAREERS BEYOND ACADEMIA

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Employability Officer

Friday 7th June, 2024



A QUICK QUESTION



What kind of roles do you think PhD graduates go into outside of practice or academia?

SESSION STRUCTURE

- Industry research careers
- Government policy and regulatory roles
- Research in the third sector
- Alternative research careers
- Transferable skills

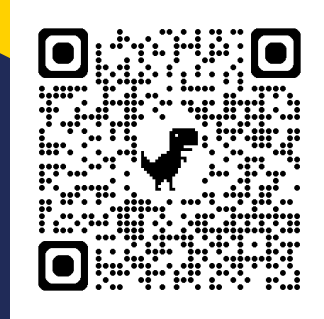
INDUSTRY RESEARCH CAREERS

- Pharmaceuticals and Biotech
- Animal Health and Nutrition
- Medical Devices and Diagnostics



INDUSTRY RESEARCH CAREERS

CASE STUDY



David Singleton, Head of Clinical Research at IVC Evidensia

- PHd: National surveillance of antimicrobial prescription and resistance in companion animals.
- PostDoc
- Research fellow at University of Liverpool
- Group head of Clinical Research at IVC Evidensia

“I am a veterinary surgeon with a Master's degree and **PhD in epidemiology and health informatics**, currently **heading clinical research across IVC Evidensia**. I am **passionate** about how the whole veterinary team can get involved in research, leading to **real improvements** in how we care for the animals under our care.”

INDUSTRY RESEARCH CAREERS

CASE STUDY



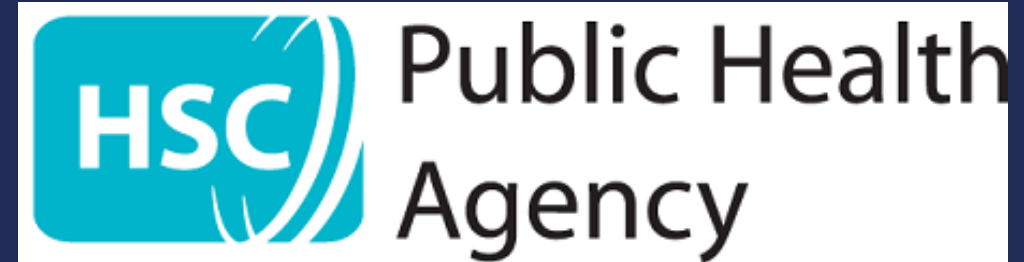
Stephanie Michail, Clinical Research Physician at Synexus

- Medicine and Surgery MBChB
- Junior Clinical Fellow in Intensive Care
- Registrar in Gastroenterology and Hepatology (NHS)
- Academic Registrar at Royal Liverpool and Broadgreen

“I'm so proud to be an investigator on this study. Having spent time looking after these patients in Hepatology clinics, I can see the real value specific medications for NASH/MASH will provide for them.”

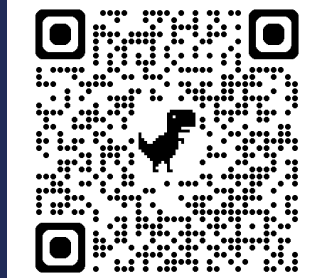
GOVERNMENT POLICY AND REGULATORY CAREERS

- Public Health Agencies
- Regulatory Bodies
- Military and Biosecurity



GOVERNMENT AND REGULATORY CAREERS

CASE STUDY



Alex Royden, Interim Veterinary Risk Lead at DEFRA

- MRes: Veterinary Microbiology
- PhD: The role and impact of biosecurity in the control of *Campylobacter* species in commercial broiler flocks
- Lead Poultry Veterinarian at Poultry Health Services
- Interim Veterinary Risk Lead at Department for Environment, Food and Rural Affairs

“The UK Office manages UK market access requests for live animals and animal products, ensuring that our import requirements are met to protect public and animal health. I completed my PhD at the University of Liverpool, which investigated the role and impact of biosecurity in the control of *Campylobacter* in commercial broiler production. I am a Resident in the European College of Veterinary Public Health (ECVPH).”

ALTERNATIVE RESEARCH CAREERS

CASE STUDY



Dr Clare Jones, Research Delivery Manager at National Institute for Health Care Research (NIHR)

- BDS Dental Surgery
- PhD Dental Public Health and Education
- Community Dental Officer in NHS
- Specialist registrar in Dental Public Health
- Research Support Assistant at NIHR
- Project Manager at NIHR

“• Experienced in project management of research, design and delivery of clinical trials, data analysis and reporting.
• Experienced in delivery of projects that have involved redesign of services and management of associated change.”

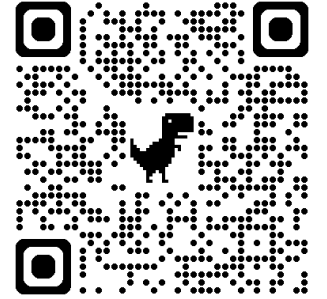
RESEARCH IN THE THIRD SECTOR

- Animal welfare
- Wildlife conservation



RESEARCH IN THE THIRD SECTOR

CASE STUDY



Dr Gabrielle Laing, Senior Policy Adviser at Unlimit Health

- PhD: The causes of respiratory disease in the working equids of Ethiopia
- Policy Intern at the Royal Society
- PostDoc in Antimicrobial Resistance
- Veterinary Parliamentary Researcher

“The role of One Health Policy Adviser was newly created, recognising the importance of systems-based approaches in global health. I have mainly been working to inform high level policy, advocating for a paradigm shift in approaches to global health which recognise that humans, animals and plants are all interconnected within a shared environment.”

ALTERNATIVE RESEARCH CAREERS

- Consulting and advisory roles
- Freelance Research and Writing
- Tech and Data Science
- Education and Outreach

ALTERNATIVE RESEARCH CAREERS

CASE STUDY



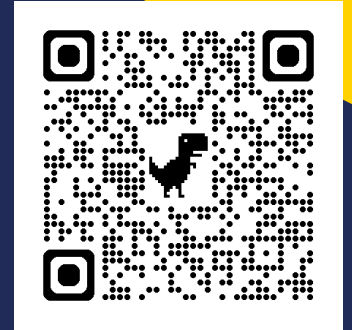
Dr Morris Muzyamba, Advanced Healthcare Scientist at Public Health Scotland

- MVSc and PhD at University of Liverpool in membrane transport physiology
- MSc Veterinary Epidemiology
- Research fellow at UCL
- Senior Scientist (Epidemiology) at the Health Protection Agency



ALTERNATIVE RESEARCH CAREERS

CASE STUDY



Dr Dilem Ruhluel, Medical Writer at Open Health Communications

- BSc Biomedical Science
- MSc Medical Microbiology
- PhD in area of medical microbiology
- Microbiology Research Assistant at University of Southampton
- Demonstrator in undergraduate classes at University of Liverpool

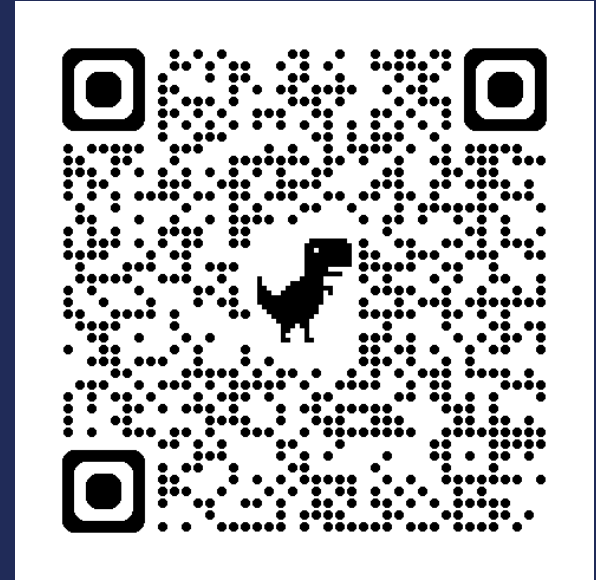
“OPEN Health unites deep scientific knowledge with wide-ranging specialist expertise to unlock possibilities that improve health outcomes and patient well-being.

Working in partnership with our clients, we embrace our different perspectives and strengths to deliver fresh thinking and solutions that make a difference.”

DOCTORAL RESEARCH

TRANSFERABLE SKILLS

Which key transferable
skills do doctoral students
develop?



DOCTORAL RESEARCH

TRANSFERABLE SKILLS

1

Analytical and
research skills

2

Project
management

3

Communication
skills

4

Critical thinking
and problem
solving

5

Technical
proficiency and IT
skills

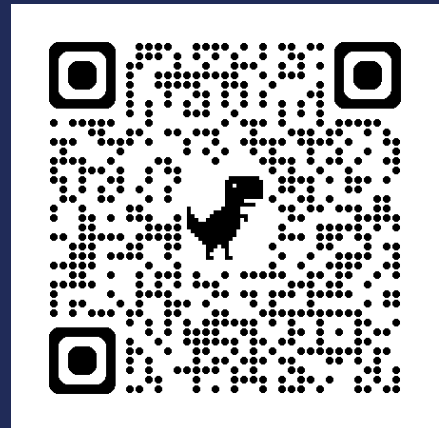
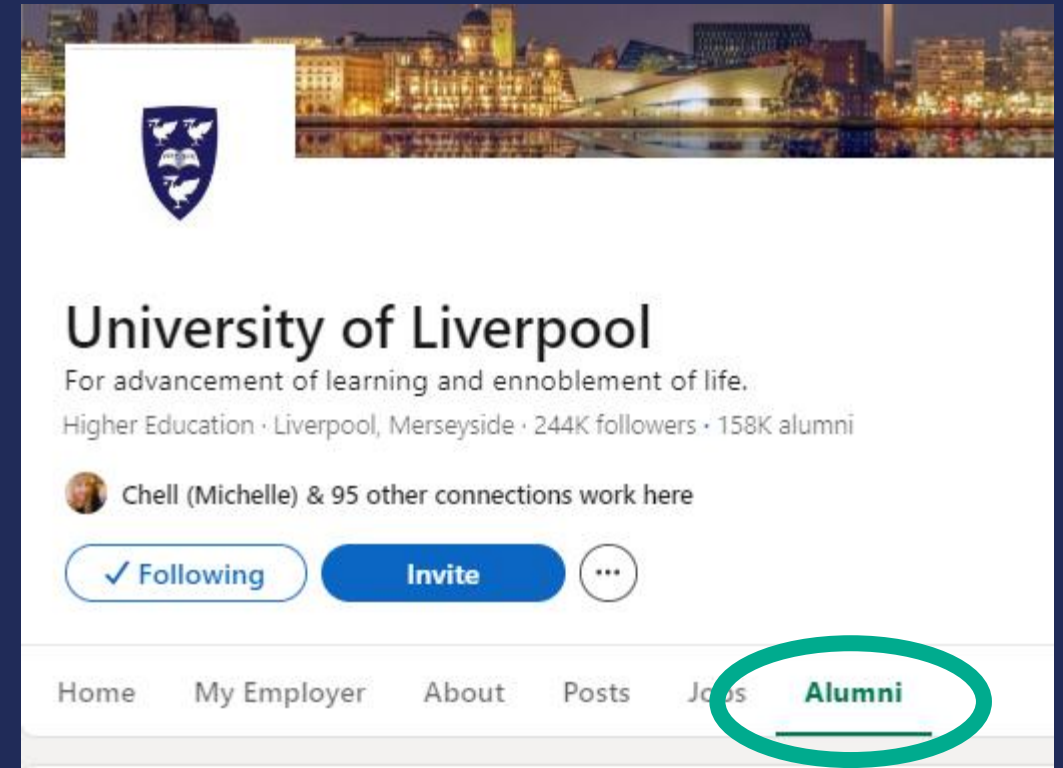
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Teamwork and
communication

OWNING YOUR EMPLOYABILITY

GETTING A HEAD START

- Create a LinkedIn profile and keep it updated
- Explore the LinkedIn alumni tool
- Network
- Connect with relevant societies
- Use Handshake
- Engage with the Career Studio





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INTRODUCING THE CAREER STUDIO

A unique on-campus space for students to work with our Career Coaches and co-explore options, connect with employers, and to prepare for every stage of the job application process.

Drop-in to the Career Studio
in the Foundation Building,
no appointment required.

We're open Monday to Friday
from 10am – 5pm.



**FIND
OUT
MORE**



ANY QUESTIONS?

We are the original redbrick