

Katie Dubarry

An enthusiastic, curiosity-driven scientist and farming advocate



PROFILE

Currently part-way through my PhD, I'm looking for opportunities to make a tangible impact within the agricultural industry. I'm particularly interested in roles that will encourage positive changes in animal health and welfare, and that will assist businesses in improving financial sustainability in the current challenging business environment. My generalist background and specialist scientific training make me suitable for positions requiring a broad range of skills.

CONTACT

8, Double Hedges Road,
Edinburgh, EH16 6TS

07514 202946

Katie.Dubarry@ed.ac.uk

www.kdubarry.com

EDUCATION

2020-2024

PhD - Genetics & Genomics

University of Edinburgh

Thesis title: 'Development of Ovine immune 'omics for sheep genomic improvement'

2019 - 2020

PgCert Research Methods - UHI

2015 - 2019

BSc (hons) Agriculture

SRUC - Edinburgh

Award: First class Honours

2014 - 2015

NC Agriculture

SRUC - Oatridge

SKILLS

Data

- Working with large, highly dimensional quantitative datasets
- Data visualisation
- Working with qualitative dataset (surveys, interviews)
- Experienced with command line interfaces & high performance compute clusters
- Languages - Bash, R (advanced). Python, HTML (beginner).

Interpersonal

- Ability to communicate complex topics & adapt to different audiences, from farmers to CEOs, specialists & non-specialists.
- Managing high-pressure situations such as negotiations
- Network building
- Active contribution to high-level strategic conversations
- Public speaking

Research

- Experimental design, including ethical approval of animal experiments
- Writing & editing of high-quality pieces including scientific writing, scicom articles, business plans, accounts, annual & deliverable reporting.

Project Management

- Project planning
- Working solo & in teams
- Communication with collaborators & stakeholders
- Creation & maintenance of wiki-like databases, e.g. Notion, Confluence

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VOLUNTEERING

CURRENT

- BSAS Early Career Council Chair
- Student Representative - UoE & Eastbio DTP

PREVIOUS

- Steering Committee - National Union of Students Scotland
- Treasurer - West of Scotland WSD Association
- Non-Executive Director - SRUC Board
- Student Member - Scottish Higher Education Executive Committee (SHEEC)
- Advisory Board - SPARQS
- Translator on farm tours - technical & business French

CERTIFICATIONS

- Mental Health First Aid
- RNA-Seq data analysis
- Train the Trainer Certificate
- Quad bike, forklift, & tractor driving

INTERESTS

Open Source computing, gaming, photography, Science Fiction, EDI.

Favourite book: Half of a Yellow Sun by Chimamanda Ngozie Adichie

EXPERIENCE

2020 - Present

PhD candidate - The Roslin Institute, University of Edinburgh

- Managing a large, multi-stage project within budget (~£32k)
- Molecular biology laboratory experience
- Developing bioinformatics pipelines
- Winner of Joan Davidson Fund grant, delivered by Equate Scotland (£200)

2020

Quality Project Intern - SRUC

- Managing multiple concurrent projects to deliver impact in a short time frame (3 months)
- Development of internal policies involving multiple stakeholder groups

2019 -2020

Student Vice-President - SRUC Student Association

- Effectively switched our representative structures to online formats at the onset of the COVID-19 pandemic
- Influencing and negotiating with the College Executive team, e.g. negotiating break clauses for students in residences in the early days of the pandemic
- Strategic development of the SA, leading to an overhaul of the sabbatical structure in the year following my term
- Events management including gaining sponsorship

2014 - 2018

Seasonal Agricultural Worker

- Employed at a range of UK farms on seasonal contracts
- Working with livestock (sheep, cattle, pigs)
- Continuous flow grain dryer operation
- Tractor and articulated forklift operation

2012 - 2014

Maternity & Family raising

2004 - 2012

Beauty Therapist - France & UK

- Supervising a team of 10+ therapists
- Delivering exceptional customer service on a daily basis
- Regional sales leading team - €1m+ Christmas sales period