

JOB DESCRIPTION

Job Title:	Senior Fellow (AC3) / Fellow (AC2) in Biostatistics for Food and Agriculture (Research career pathway)	Grade:	AC2/3
Department:	Natural Resources Institute, Agriculture, Health and Environment Department	Date of Job Evaluation:	
Role reports to:	Head of Department		
Direct Reports	None		
Indirect Reports:			
Other Key contacts:	Director/Deputy Director of NRI, FaNSI Partnerships Director, Programme Leaders, NRI colleagues, Funders, Research Partners		
This role profile is non-contractual and provided for guidance. It will be updated and amended from time to time in accordance with the changing needs of the University and the requirements of the job.			

PURPOSE OF ROLE:

The Natural Resources Institute (NRI) of the University of Greenwich is currently expanding its interdisciplinary research excellence to address food and nutrition security, especially in Africa. This expansion in capacity is funded by Research England as part of their highly competitive “Expanding Excellence in England” scheme, where NRI has received funding to appoint 22 members of staff, recruit 20 PhD students and enhance our research facilities.

Using a food systems approach, NRI and partners will focus on climate change, sustainable agricultural intensification, food loss and waste, and improved nutrition. More information on NRI’s Food and Nutrition Security Initiative can be found at www.nri.org/FaNSI.

This role will develop research approaches for statistical analysis of food and agricultural systems using approaches for meta-analysis of previous research or analysis of “Big-data”, with the aim to explore the major trends and causal factors leading to changes in food and nutrition security in developing countries. This may include the impacts of climate change, environmental degradation, agricultural intensification, and food loss or waste; but furthermore identifying the factors that contribute to the mitigation of their impacts on food and nutrition security.

The purpose of this role is **mainly** to conduct high quality research, but also contribute to teaching statistics and data analysis on undergraduate and postgraduate programmes. The contribution to teaching could be up to 25% of the role. The person appointed will be expected to:

- Engage in research and professional practice across the subject area and contribute to the research profile of the Natural Resources Institute. The role is expected to contribute across the four programmatic areas of the Food and Nutrition Security Initiative
- Contribute to the delivery of existing teaching, course development, and to participate in the research carried out in the department (teaching is foreseen as a maximum 20% of effort)

Note: The University of Greenwich is committed to promoting equality and diversity, and to providing an inclusive and supportive environment in which all individuals have the opportunity to contribute to their full potential. The University welcomes applications from candidates from diverse backgrounds.

KEY ACCOUNTABILITIES:

Team Specific:

- Contribute (or Lead – AC3) to subject or professional research leading to the publication and/or dissemination of original work of international excellence quality
- Contribute to the research profile of the Natural Resources Institute and its submissions to the Research Excellence Framework (REF)
- Develop a portfolio of research, enterprise and/or teaching activities that meet agreed commissioning targets. FaNSI supports commissioning until 2022
- To contribute and/or initiate (AC3) the development of funding bids which contribute to the acquisition of internal and external resources to fund research, enterprise or teaching projects
- Work proactively on specific research topics aligned to your own and the department's research interests
- Contribute to the integration of enterprise work/research and scholarship and activities into teaching or professional training materials (AC3)
- Contribution to the continuous improvement of the student experience or Lead courses/modules effectively including adopting a responsive approach to students
- Effective cross working with Professional Services to support students
- Contribute to relationship management external public/cultural sectors/business, industry/professional bodies in relation to teaching, research or enterprise
- Maintain effective, high quality and productive working relationships with professional bodies and employers as appropriate
- Supervision of undergraduate and postgraduate students
- Contribute to the general academic administrative work of the Department and Faculty

Generic:

- Assist in achieving the KPIs of the Natural Resources Institute
- Contribute to departmental plans, activities and efficient working practices
- Participate in visit to schools, local community groups, public engagements and related activity
- Demonstrate a commitment to equality, diversity and inclusion through teaching practice and / or engagement with University initiatives
- Contribute to peer review and departmentally based teaching development activities
- Promote your work and represent your discipline and the work of the University internally and externally, and take a proactive approach to ethical, good practice

Managing Self

- Keep abreast of developments within the field and seek continuous improvement of own professional practice
- Develop expertise in inquiry/research-informed teaching with an increasing degree of autonomy
- Actively participate in established professional development framework activities

- Behave in a manner which reflects the University values and creates a positive environment for work and study
- Maintain a high standard of student engagement and satisfaction
- Seek to maximise the learning outcomes of students

Core Requirements

- Adhere to and promote the University's policies on Equality and Diversity and Information Security. Ensure compliance with Health and Safety regulations and Data Protection legislation.
- Support and promote the University's Sustainability policies, including the Carbon Management Plan, and carry out duties in a resource efficient way, recognising the shared responsibility of minimising the university's negative environmental impacts wherever possible.

Additional Requirements:

Any other duties commensurate with the post and grade as agreed with the Head of Department and the Director of the Natural Resources Institute.

KEY PERFORMANCE INDICATORS:

Performance Indicators will be established in consultation with the Head of Department as part of the post-holder's annual Appraisal and Professional Development Review

KEY RELATIONSHIPS (Internal & External):

Head of Department

NRI Director

Research Group/Programme Leaders,

NRI academic staff

Project Controllers

Administrative colleagues in NRI

Academic and administrative staff in other University Departments

External collaborators on research and enterprise projects.

PERSON SPECIFICATION	
Essential	Desirable
<p>Experience</p> <ul style="list-style-type: none"> Contributing or Leading (SL) to subject and professional research in the field of analysis of “big-data” or meta-analysis across multiple data sources. International peer-reviewed high impact publications (greater number at AC3) Initiating the development of Research bids (AC2 - desirable) Creating professional/community partnerships (AC2- desirable) Experience of teaching or training Willingness to undertake regular short-term international travel to developing countries <p>Skills</p> <ul style="list-style-type: none"> Individual and /or collaborative income generation (AC2 – desirable) Application for research funding and other bids (AC2 – desirable) Excellent presentation skills to a range of audiences. Outstanding organisational, IT communication and interpersonal skills <p>Qualifications</p> <ul style="list-style-type: none"> PhD in Biostatistics, (preferably relevant to agriculture and food systems or nutrition). An appropriate level Fellowship of the Higher Education Academy (or willingness to obtain) <p>Personal attributes</p> <ul style="list-style-type: none"> We are looking for people who can help us deliver the <u>values</u> of the University of Greenwich: Excellence, Determination, Inclusivity, Ambition and Creativity 	<p>Experience</p> <p><i>Research and enterprise</i></p> <ul style="list-style-type: none"> Experience of regular short-term international travel to developing countries Experience in working in multi-disciplinary teams <p><i>Teaching</i></p> <ul style="list-style-type: none"> Delivery and/or leading at undergraduate and/or postgraduate level in the field of agriculture or environment. Conducting high quality, innovative and effective teaching on postgraduate and undergraduate programmes Postgraduate teaching /supervision <p>Skills</p> <ul style="list-style-type: none"> Individual and/or collaborative consultancy work Ability to conduct research or teach across disciplines <p>Qualifications</p> <ul style="list-style-type: none"> Teaching qualification