THE UNIVERSITY OF NOTTINGHAM
Recruitment Role Profile

Job Title: Associate Professor of Evolutionary Genomics

School/Department: School of Life Sciences

Job Family and Level: Research and Teaching Level 6

Contract Status: Permanent

Hours of Work: Full time. Job share applications will be accepted.

Location: University Park/Sutton Bonington Campus

Reporting to: Head of School and Beacon Director (Future Foods)

Purpose of the New Role:

As part of its ambitious Research Strategy the University is making a significant investment in its research capacity and capability through six multi-million pound cross-disciplinary Beacons of Excellence (Beacons). Beacons will represent a critical mass, undertaking a coherent and integrated portfolio of research, doctoral training and knowledge exchange activities in a well-defined research area, carrying out discovery and challenge-led research and related activities, with an objective to be demonstrably amongst the best in the world. The Future Food Beacon sits alongside the Faculty of Science with a mission to deliver world class research to help address the challenge of providing sufficient quantities of nutritious and palatable food to a growing world population within a changing environment. The Beacon is to proactively engage with the research ecosystem within and across Faculties, in particular Research Centres and Institutes. The Beacon will have clearly identified objectives against which they will be required to deliver in order to release funding to enable ongoing delivery. The role holder will advance the discipline of Evolutionary Genomics through research, knowledge transfer and teaching. To provide academic leadership to colleagues, research staff and students. The role entails the soliciting, execution and dissemination of research, nationally and internationally; the design, delivery, supervision and assessment of undergraduate and postgraduate teaching; the provision of advice, support and encouragement to colleagues; a contribution to the strategic management of the School, and, as required, the University. For the first 5 years of the role, the focus will be on performing high quality research within the Future Foods Beacon. To recognise this focus the main responsibilities for the first 5 years of the role will be 80% original research within the Beacon, with a 20% contribution to other activities in the School of Life Sciences.

	Main Responsibilities	**% time per year**
1.	Original research: To solicit external research funding, execute and disseminate original, substantive research that contributes to the field of Evolutionary Genomics, with a particular focus on the evolution of adaptive traits. The work will be world-leading and underpin impact both nationally and internationally. Activities to include winning of significant research funding, production of primary publications, scholarly syntheses, and presentations.	60%
2.	Academic leadership: To support and guide colleagues and students, including contributing to collaborative projects led by academic colleagues.	10%
3.	Undergraduate and postgraduate teaching through core and optional modules. Activities to include: designing, updating and reviewing module content and documentation; student assessment; intellectual and pastoral support to students. The outcomes will include high levels of student attainment (as assessed by validated marks) and satisfaction (as measured by student evaluation).	20%
5.	Any other duties appropriate to the grade and role.	10%

Knowledge, Skills, Qualifications & Experience

	Essential	**Desirable**
Qualifications/ Education	Degree, and a PhD or equivalent in plant evolutionary genomics, genetics, or closely related field.	Research Masters in cellular and molecular sciences, or closely related field.
Skills/Training	A research profile which is focused on evolutionary questions around adaptation, using concepts and tools in evolutionary genomics, bioinformatics and high-throughput genome sequencing data. Excellent oral and written communication skills, including the ability to communicate with clarity on complex information and prepare and deliver effective presentations. High analytical ability to facilitate conceptual thinking, innovation and creativity	Ability to synthesise population genomic data, bioinformatics, landscape features and molecular mechanisms to understand adaptive evolution at the molecular level.
Experience	International scientific reputation evidenced through a track-record of high quality publications in genomics in areas relevant to agricultural, such as genomics of polyploidy and edaphic adaptation. Proven ability with demonstrated success in obtaining sources of funding, providing effective leadership, planning, and building, resourcing a team and delivering research results Experience of research leadership and project management, particularly in multidisciplinary programmes.	