

JOB DESCRIPTION

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| Job Title: | Crop Postharvest Scientist | Grade: | AC2/3 |
| Department: | Food and Markets Department, NRI | Date of Job Evaluation: | July 2017 |
| Role reports to: | Head of Department | | |
| Direct Reports | None | | |
| Indirect Reports: | None | | |
| Other Key contacts: | Research Group Leaders – Food Systems and, Postharvest Science and Technology, MSc Programme Leaders, MSc Course Leaders, Contacts in the Postharvest Science research arena, Postharvest losses practice area, funders, private Sector contacts, students | | |
| 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 reduction of food loss and waste is an issue receiving global attention. NRI has a very strong international reputation in the area with on-going research programmes for the Bill and Melinda Gates Foundations, World Food Programme, Rockefeller and others. New investments are expected from other key donors. Postharvest loss reduction has been prioritised by the African Union, the G20 group of developed nations and is the foundation of an important thrust of NRI's research interests going forward (see <http://postharvest.nri.org>).

This post is for a scientist from an agricultural discipline with an interest to work with, and under the guidance of, our existing team of scientists and social scientists to further develop and grow our important and internationally respected crop postharvest loss reduction work. The successful applicant will contribute to research, consultancy and teaching work of the Natural Resources Institute in the area of crop postharvest science. The role will strengthen NRI's capacity to deliver existing business (research and consultancy) and grow the postharvest losses practice area following recent successes in the field. The post-holder will be expected to carry out short and medium-term assignments overseas (typically 1 – 3 weeks).

KEY ACCOUNTABILITIES:

The post-holder will be based within Food and Markets Department but will also work with staff in other NRI departments.

Team Specific:

- Contribute to NRI's research and development work in the area of postharvest science (durables and/or perishables) and contribute to a multidisciplinary team delivering NRI's postharvest loss reduction programme.

- To undertake consultancy missions in support of grain commodity management for development and commercial operations.
- Contribution to teaching, training and curriculum development for both short and long term courses in the area of postharvest science, including PhD and MSc supervision.
- To further develop the NRI's reputation in this important practice area through high quality publications.
- Preparing results of NRI research and consultancy programmes for wider communication to different audiences
- Meeting agreed personal targets for commissioning.

Generic:**Professional Practice**

- Keep abreast of developments within your discipline and seek continuous improvements in your own professional practices.
- Commitment to, and achievement in, own scholarly profile.
- Dedication to continuing improved teaching practice and enhanced student experience
- Development of a profile of esteem and academic citizenship

Managing Self

- Maintain a professional presentation of self at all times through effective communication skills, good time management and caring attitude to project colleagues and students. Ability to work effectively and deliver under pressure.
- If not already experienced in this, learn to work in developing countries setting, and become familiar with safe travelling requirements

Core Requirements

- Commitment to key strategic priorities of NRI, the Faculty and University
- Adhere to and promote the University's Equality and Diversity policies
- Ensure compliance with Health & Safety regulations
- 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:

- Ability and willingness to travel overseas, as the role will involve collaboration with international partners.

KEY PERFORMANCE INDICATORS:

- Production of high quality research outputs and international standard peer reviewed publications
- Securing or support the securing of external funding
- Production and delivery of contracted outputs to clients
- Meeting agreed personal targets for commissioning
- Contribution to NRI's strategic planning, in the areas of postharvest science

More performance indicators will be established in consultation with the Programme Leaders and Head of Department, Food and Markets as part of the postholder's annual Appraisal and Professional Development Review.

KEY RELATIONSHIPS (Internal & External):

- Maintain excellent relationships with NRI, Faculty and UoG colleagues, administrative and management staff and students and maintain and develop new links with external contacts within the commercial and public sector including those who are funders of research and enterprise both in the UK and overseas.

| PERSON SPECIFICATION | |
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| Essential | Desirable |
| <p>Experience</p> <ul style="list-style-type: none"> • Demonstrable experience of post-graduate research and practice in the field of postharvest loss reduction in the developing world (AC3) • Experience with delivering postharvest research in a developing country context (AC2/3) • Demonstrated ability to identify and win research and development projects in the practice area (AC3) • Willingness to undertake regular short-term international travel to developing countries (AC2/3) <p>Skills</p> <ul style="list-style-type: none"> • Ability to work unaided (AC3) • Good oral and written communication skills | <p>Experience</p> <ul style="list-style-type: none"> • Experience of providing consulting services in a commercial context (AC2/3) • Demonstrable understanding of current issues in the practice area (AC2/3) • Ability to work as part of a multi-disciplinary team (AC2/3) • Experience of teaching adult learners in a multicultural context (AC2/3) <p>Skills</p> <ul style="list-style-type: none"> • Ability to work with low level supervision (AC2) • Preparation of scientific reports and evidence of research activity |

- Initiative and good problem-solving skills
- Computer literacy e.g. MS Office, statistical analysis software, etc
- Evidence of high quality publications
- Evidence of flexibility and teamwork
- Willingness to take on new and innovative areas of work

Qualifications

- Degree in relevant field of biological sciences
- Willingness to initiate a PhD degree in a relevant field of the biological sciences (AC2)

Personal attributes

- We are looking for people who can help us deliver the [values](#) of the University of Greenwich: Excellence, Determination, Inclusivity, Ambition and Creativity

- Authorship of published research in scientific journals (AC2)
- Ability to identify new areas of postharvest losses concern
- Driving licence

Qualifications

- PhD in a relevant field of the biological sciences (AC3)
- PGCert

Personal attributes

- N/A