



Position Title:	Research Associate
Position Classification:	Level A
Position Number:	NEW
Faculty/Office:	
School/Division:	
Centre/Section:	Institute of Agriculture
Supervisor Title:	Professor
Supervisor Position Number:	300472

Your work area

The UWA Institute of Agriculture (IOA) is an interdisciplinary research institute established in 2007 by The University of Western Australia. It became an independent Business Unit in 2012. The IOA has a mandate to integrate agricultural and related natural resource management research, education, training and communication across the University.

The IOA is led by a Director and two Associate Directors with the support of an Industry Advisory Board for strategic direction. It is governed through an executive group, the Institute Management Board. IOA's operations are managed as a set of flexible new and emerging themes encompassing the academic and physical resources of relevant schools and research centres within the Faculty of Science, Faculty of Medicine, Dentistry and Health Science, Faculty of Engineering, Computing and Mathematics, UWA Business School, Faculty of Architecture, Landscape and Visual Arts and the Faculty of Law at UWA.

Reporting Structure

Reports to: Project Leader (Professor Wallace Cowling)

Direct Reports: NIL

Your role

As the appointee you will, under direction of the Project Leader, participate in and coordinate the experimental, analytical and other research work in the project, administer the project at UWA, and provide advice and assistance to other research personnel carrying out projects in the laboratories and field.

You will work with the Project Leader on project titled "Rapid breeding for reduced cooking time and enhanced nutritional quality in common bean (*Phaseolus vulgaris*)" on the Australian Centre for International Agricultural Research (ACIAR) project CROP/2018/132. To read more about this project, please click [here](#).

Key responsibilities

Conduct high quality research on the project, document results, publish the research in international journals

Provide administrative support for the project

Work collaboratively with other researchers and students engaged in the research team

Promote research projects via publication of research papers and presentations at international conferences and workshops.

Assist in the supervision of undergraduate students and Masters and PhD students.

Participate in the research group's activities and contribute to/organize group projects, workshops and other processes, and provide feedback on field and laboratory experimental design, and safety and security of the project.

Analyse project data, train project partners from Africa in essential plant breeding software.

Monitor the budget and ensure successful communication among project personnel, including regular visits to partners in six countries in east Africa.

Assist the Project Leader in administration and regular reporting to the funder of the Project.

Other duties as directed.

Your specific work capabilities (selection criteria)

A PhD in a relevant field.

Experience in quantitative genetics, molecular genetics, plant breeding and/or project management.

Highly developed organisational skills and demonstrated ability to set priorities, meet deadlines and conduct independent research.

Demonstrated commitment to and awareness of gender diversity and cross-cultural issues

Strong track record of research publication relative to opportunity.

Extensive experience in working in a team

Highly developed interpersonal, written and verbal communication skills

Demonstrated ability to prepare high-quality reports, presentations and publications.

An ability and willingness to direct and supervise students.

Special Requirements

Willingness to travel internationally to attend project workshops and field visits in east Africa.

Occasional weekend work.

Compliance

Workplace Health and Safety

All supervising staff are required to undertake effective measures to ensure compliance with the Occupational Safety and Health Act 1984 and related University requirements (including Safety, Health and Wellbeing Objectives and Targets).

All staff must comply with requirements of the Occupational Safety and Health Act and all reasonable directives given in relation to health and safety at work, to ensure compliance with University and Legislative health and safety requirements.

Details of the safety obligations can be accessed at <http://www.safety.uwa.edu.au>

Inclusion & Diversity

All staff members are required to comply with the University's Code of Ethics, Code of Conduct and Inclusion and Diversity principles. Details of the University policies on these can be accessed at <http://www.hr.uwa.edu.au/policies/policies/conduct/code>, <http://www.web.uwa.edu.au/inclusion-diversity>.