Position Description

Post-doctoral Fellow – Biocntrol and Enemy Release

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<th>Position Level</th>
<th>A</th>
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<tr>
<td>Faculty/Division</td>
<td>Science</td>
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<td>Position Number</td>
<td>00046560</td>
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<td>Original document creation</td>
<td>5/05/ 2022</td>
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Position Summary

A Post-Doctoral Fellow (Level A) is expected to contribute towards the research effort of UNSW and to develop their research expertise through the pursuit of defined projects relevant to their particular field of research.

The Post-doctoral Fellow will work on ARC-funded project, "Understanding when biocontrol and enemy release affect plant populations”. The role will be involved in finalising the dataset, running analyses to address the hypotheses and writing the results up into exciting papers. The Post-doctoral Fellow is encouraged to add their own ideas too. The role may supervise and collaborate with honours or PhD students working on related topics.

The role of Post-Doctoral Fellow reports to Professor Angela Moles and Professor Stephen Bonser and has no direct reports.

Accountabilities

Specific accountabilities for this role include:
- Writing manuscripts, including introducing the hypotheses in context of relevant theory and previous evidence, explaining how the study advanced the state of knowledge in the field, and explaining practical and theoretical implications of the findings.
- Analysing ecological data and presenting the results in attractive figures.
- Submitting manuscripts to journals, and revising the work in accordance with suggestions from editors and reviewers.
- Managing data and sourcing complementary information from other existing databases.
- Aligning with and actively demonstrate the UNSW Values in Action: Our Behaviours and the UNSW Code of Conduct.
- Cooperating with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health and safety of yourself or others.

Skills and Experience
- A PhD in a related discipline, and/or relevant work experience.
- A proven track record of lead author publications in international ecological journals.
- Ability to independently produce well-structured and effective scientific writing.
- Experience in ecology, and familiarity with the literature and theory in plant ecology, interactions between plants and animals and/or microbes, invasion biology or biocontrol.
- Excellent critical thinking skills, including ability to come up with hypotheses, and add novel insights to papers.
- Ability to run ecological analyses and appropriately interpret and explain the results of these analyses.
- Demonstrated ability to work in a team, collaborate across disciplines and build effective relationships.
- An understanding of and commitment to UNSW’s aims, objectives and values in action, together with relevant policies and guidelines.
- Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

Pre-employment checks required for this position
- Verification of qualifications

About this document
This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.
This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.