



## JOB DESCRIPTION

<b>Job Title:</b>	Applied Plant Scientist - KTP Associate
<b>Department / Unit:</b>	Biological Sciences
<b>Job type</b>	Full-Time, Fixed-Term, Research
<b>Grade:</b>	RHUL 7
<b>Accountable to:</b>	Dr Tina Steinbrecher (PI)
<b>Accountable for:</b>	Conduct research in KTP project
<b>Purpose of the Post</b>	
The main purpose of the post is to conduct research within the Innovate UK funded project "Knowledge Transfer Partnership (KTP): 2025 – 2026 Round 1, No. 10158536" between Royal Holloway and Bedford New College and Eden Research Plc	
<b>Key Tasks</b>	
<ul style="list-style-type: none"> <li>To conduct research, plan and carry out experiments, and develop the above KTP research according to the project description and in close discussion with the company and academic lead supervisors, as well as the Local Management Committee (LMC), interaction and collaboration with the Seed Lab at Royal Holloway University of London (RHUL) and Eden Research plc.</li> <li>The main focus of this post in the project is the physiological, morphological, biochemical and seed technological development of seed treatments for different crop seeds and associated field test experiments as described in the workplan. For several of the experiments, teamwork and discussion across disciplines are required and expected.</li> </ul>	
<ul style="list-style-type: none"> <li>To foster active knowledge transfer and collaborations, especially between RHUL's Seed Lab and Eden Research plc.</li> <li>RHUL will employ the Associate as part of a Knowledge Transfer Partnership (KTP) and they will be seconded to work primarily at the premises of the company partner, Eden Research plc. While based at Eden, the postholder will be expected to work within the company's working environment and adhere to its relevant policies, procedures, working hours, and professional conduct standards, alongside fulfilling the academic objectives of the KTP</li> </ul>	
<ul style="list-style-type: none"> <li>To maintain a permanent record of experimental data, to analyse and archive data generated from experiments. To follow good laboratory practice.</li> <li>To prepare and write papers for publication.</li> </ul>	

- To contribute towards the successful delivery of this KTP project, report and present at all KTP Local Management Committee meetings (once every 4 months) and take on all duties of an KTP Associate as outlined by Innovate UK

#### **Other Duties**

The duties listed are not exhaustive and may be varied from time to time as dictated by the changing needs of the University and company partner. The post holder will be expected to undertake other duties as appropriate and as requested by their manager.

The post holder may be required to work at any of the locations at which the business of Royal Holloway is conducted.

#### **Internal and external relationships**

The following list is not exhaustive but the post holder will be required to liaise with: Eden Research plc

## PERSON SPECIFICATION

Details on the qualifications, experience, skills, knowledge and abilities that are needed to fulfil this role are set out below.

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**Department:** Biological Sciences

	Essential	Desirable	Tested by Application Form/Interview/Test
<b>Knowledge, Education, Qualifications and Training</b>			
PhD in Plant Science, Seed Biology, Entomology or a related field	X		Application form
Expertise in applied plant science, seed testing or plant-insect interaction		X	Application from Interview
Experience in a lab setup, experimental design, and conducting experiments	X		Application from Interview
Interest in sustainable technologies, agriculture and food security		X	Application from Interview
<b>Skills and Abilities</b>			
Communicating scientific work to an expert audience	X		Application from Interview
Communicating science to a non-specialist audience		X	Application from Interview
Efficient teamwork in a multidisciplinary team	X		Interview
Goal-oriented work style towards deadlines	X		Interview
Good time management & problem solving		X	Interview
Good computer skills	X		Interview
Good written and oral English language skills	X		Interview
<b>Experience</b>			
Experience with any of the following: seed coating technologies, bioassays, field studies, statistical analysis or controlled environment systems		X	Application Form Interview
Experience or interest in a project that bridges academic research and commercial innovation		X	Application Form Interview
<b>Other requirements</b>			
An understanding and commitment to the principles of equality, diversity and inclusion	X		Interview
Willingness and ability (travel requirements) to visit field trials (within the UK and internationally), sometimes on short notice	X		Application Form Interview