**JOB DESCRIPTION**

Photosynthesis Laboratory Technician  
Vacancy Ref: N2465

<table>
<thead>
<tr>
<th>Job Title:</th>
<th>Photosynthesis Laboratory Technician</th>
<th>Present Grade:</th>
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<tbody>
<tr>
<td>Department/College:</td>
<td>Lancaster Environment Centre</td>
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<td>Directly responsible to:</td>
<td>Dr Elizabete Carmo-Silva</td>
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<td>Supervisory responsibility for:</td>
<td>N/A</td>
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**Other contacts**

**Internal:**  
Rhiannon Page, Mike Page, Doug Orr, other research staff and students in the Photosynthesis Research Team at the Lancaster Environment Centre.

**External:**  
N/A

**Major Duties:**

1. Maintain healthy plants and monitor development of cowpea, as required by the research project RIPE.

2. Maintain molecular biology stocks. Prepare Golden Gate constructs and express proteins in *E. coli*.

3. Contribute to the maintenance of a clean, tidy and functional working space in the laboratory and plant growth spaces in accordance with protocol: controlled-environment cabinets.

4. Report, during team meetings and through internal documentation, on progress with laboratory work and maintenance.

5. Liaise with all team and project partners. Adhere to good laboratory practice and health & safety, including the drafting of relevant forms in consultation with other staff.

6. Other duties as may reasonably be required by the team leader, or their nominee, consistent with the grade of the post.