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| **ECTION 1: HOST ORGANISATION DETAILS**Completed by Host Organisation Supervisor |
| **Name of Organisation** | Boeing |
| **Organisation Key Contact***Usually member of senior management, with approved signatory delegation.* | Name: | Jason Armstrong |
| Role: | Senior Development Leader |
| Email: |  |
| Phone: |   |
| **SECTION 2: PLACEMENT DETAILS**Completed by Host Organisation Supervisor with input from Candidate and UQ Principal Advisor |
| **Placement Period***Please exclude public holidays from the total (e.g., if your 60 days includes a public holiday, you add an additional day to make up 60 in total).**Enter days of work to show how you will accrue the minimum days in the workplace required for your placement.* | Start Date: | Flexible (prefer Nov 2023) |
| End Date: | Flexible |
| Total number of weeks: | Flexible with right candidate |
| Total number of days: | 60 days |
| Work pattern:  Flexible with right candidate☐ Monday          ☐ Tuesday           ☐ Wednesday          ☐ Thursday          ☐ Friday |
| Usual work hours:Start: 9amFinish: 5pm |
| **Placement Mode***What is the mode of attendance for this placement?* | ☒ Face-to-face (in the workplace)☐ Remote/virtual (student working from home)☐ Blended approach (face-to-face and virtual) |
| **Placement Location***For physical or blended placements, please provide the location of the placement. For multiple locations, please copy and paste the headings to include all location details.* | UQ St Lucia Campus – Boeing labs |
| **SECTION 3: PROJECT DETAILS**Completed by Host Organisation Supervisor with input from Candidate and UQ Principal Advisor |
| **Placement Project Title** | **Title**: Summer Microbiology and/or Disease Modeling Intern (PhD Intern)  |
| **Project Description***Please provide a summary of the proposed project, including:*     *Key tasks, duties, and milestones*     *Expected project outputs (e.g. presentations, reports, manuals or other outputs).*     *Stakeholder engagement, fieldwork, site visits, etc.**You will*[*find examples of past projects*](https://cdf.graduate-school.uq.edu.au/student-stories)*on our website.* | Seeking a Brisbane based intern in either Immunology, Epidemiology or Microbiology to work at Boeing Research and Technology Australia (BR&T-A). Will be working with projects collaborating with the USA CDC, Doherty Institute and FAA in the area of disease transmission during aviation and spaceflight travel. Work will include: * Options exist within the field to be involved in either mathematical disease modelling, screening or environmental microbiology & antimicrobial work
* The student will work within a team focused in the fields of environmental microbiology and/or mathematical modelling of infectious diseases
* Apply original and creative ideas and critical thinking skills to generate new knowledge
* Participate in either microbiological laboratory based experimental design (i.e., bacterial cultures, enumeration, & identification), or program coding of epidemiological mathematical models.
* Develop professional competencies in development of technology or disease modelling and apply global thinking and across country border scenarios
* Corporate R&D activities and the aerospace industry
* Communicate complex ideas to a broad variety of audiences
* Work collaboratively with others and execute projects.
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| **Educational Outcomes***Outline the educational aims, objectives, and outcomes from participating in the proposed placement.**You should refer to the*[*UQ HDR Graduate Attributes*](https://ppl.app.uq.edu.au/content/4.60.03-research-higher-degree-graduate-attributes)*.* |  As a Boeing intern you will grow your skill set, create lasting networks and contribute your ideas to real-world projects that shape aerospace innovation. Build a lasting professional network through social events and engaging activities. |