Position Description

College/Division: CoS
Faculty/School/Centre: RSB
Department/Unit: EE
Position Title: Research Officer
Classification: ANU Officer Grade 5 (Research)
Position No:
Responsible to: Prof Lindell Bromham, Dr Xia Hua
Number of positions that report to this role: 0
Delegation(s) Assigned: n/a

PURPOSE STATEMENT:
The Research Assistant will support Dr Xia Hua and Prof Lindell Bromham with an ARC-funded research program developing and testing new phylogenetic methods, by coding new methods into accessible software packages, particularly within the BEAST2 package.

KEY ACCOUNTABILITY AREAS:

Role Statement:
Under general direction, the Research Officer will:

1. Provide support to the research team, including but not limited to:
   - code a method developed by Xia Hua so that it is implemented in a free software package called BEAST2.
   - assist in preparing scientific publications on the work describing the implementation and testing
2. conduct performance testing on the implemented algorithms
3. keep clear records of all work, and provide documentation that makes the code useable and understandable by other researchers
4. Support the timely and on-budget delivery of the project
5. Provide general support on a range of research related matters
6. Perform other duties as requested, consistent with the classification level of the position and in line with the principle of multi-skilling.
7. Comply with all ANU policies and procedures, and in particular those relating to work health and safety and equal opportunity
**SELECTION CRITERIA:**

1. Degree in a relevant area (such as Computer Science, Biology, Bioinformatics or Genetics)
2. Demonstrated relevant experience in coding bioinformatic and/or evolutionary analytical methods, ideally with specific experience with the BEAST2 package.
3. Demonstrated experience in coding in JAVA.
4. Demonstrated effective interpersonal skills and verbal and written communication skills, including the ability to engage in effective research related communications, keep records of work undertaken, produce code documentation and contribute to writing research related papers, and an ability to consult and liaise effectively with a wide range of people in a culturally diverse environment.
5. Proven organisational skills and attention to detail, with a demonstrated ability to prioritise own workload and to work effectively both independently and as part of a team, meeting competing deadlines and delivering high-quality outcomes.
6. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a University context.

*The ANU conducts background checks on potential employees, and employment in this position is conditional on satisfactory results in accordance with the Background Checking Procedure which sets out the types of checks required by each type of position.*

<table>
<thead>
<tr>
<th>Supervisor/Delegate Signature:</th>
<th>Date:</th>
<th>4/11/21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name:</td>
<td>Lindell Bromham</td>
<td>Uni ID:</td>
</tr>
</tbody>
</table>

**References:**

- General Staff Classification Descriptors
- Academic Minimum Standards