**JOB DESCRIPTION**  
Senior Post Doctoral Research Associate  
Diversity and Inclusion in Computing Education (DICE)

**Vacancy Ref: A2601**

<table>
<thead>
<tr>
<th>Job Title:</th>
<th>Senior Research Associate (DICE)</th>
<th>Present Grade:</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department/College:</td>
<td>School of Computing and Communications (SCC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Directly responsible to:</td>
<td>Dr Lynne Blair</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supervisory responsibility for:</td>
<td>Shared responsibility for UG/PGT students working in related research areas</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Other contacts**

**Internal:**
- Institute of Coding (IoC) team, Athena Swan group; colleagues in SCC, including those working on curriculum design/ redesign and marketing/ recruitment activities; students in SCC

**External:**
- External IoC partners, A.S. groups, National Centre for Computing Education (NCCE) partners, Computing At School (CAS) members, the wider research community, and students across KS5 and HE

**Major Duties:**

1. Undertaking and advising on the day-to-day research necessary to achieve Lancaster University’s aims within the IoC’s theme 4 delivery plan. More specifically:
   - address widening participation, diversity and inclusion issues in H.E. Computer Science education,
   - draw on existing research to understand and work to remove barriers to broader participation,
   - review and revise curricular content to remove barriers and appeal to a broader participation base,
   - with relevant partners (e.g. other contacts above), work together on new initiatives to share existing research, experience and good practice.

2. Participating in relevant project meetings, especially those relating to the IoC theme 4 and SCC’s Athena Swan group, and contributing to progress reports describing and reflecting on ongoing progress.

3. Leading on qualitative research techniques for data collection and analysis, including better understanding diversity and inclusion issues at KS5 and with UG/ PG students.

4. Preparing and presenting talks, workshops, posters and reports to disseminate the results of the research.

5. Assisting or leading with the authorship of (potentially collaborative) research publications, including participating in national and international conferences and workshops to present the results of the research to a wider audience and to learn about emerging advances in the field.

6. As appropriate, assisting with or taking the lead on the supervision of UG, PGT and PGR students who are undertaking research in an EDI related area.

7. Being prepared to take part in wider engagement and outreach opportunities.

8. Participating in (and ultimately taking the lead in) writing new research proposals that build on the expertise developed in this project.
9. Through the above, start to develop an independent and leading research profile.

10. Any other duties appropriate to the grade and position as directed by Dr Lynne Blair and other senior members of the research team.