**JOB DESCRIPTION**

**Vacancy Ref:** A2388

<table>
<thead>
<tr>
<th>Job Title:</th>
<th>Senior Research Associate (CorCenCC)</th>
<th>Present Grade: 7</th>
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<tbody>
<tr>
<td>Department/College:</td>
<td>School of Computing and Communications</td>
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<td>Directly responsible to:</td>
<td>Dr Paul Rayson, Dr Scott Piao</td>
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<tr>
<td>Supervisory responsibility for:</td>
<td>Interns employed on the project</td>
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**Other contacts**

**Internal:**
Staff and Students at the University; colleagues in the School of Computing and Communications

**External:**
Members of the broader research team. Other non-academic partners and the wider research community

**Major Duties:**

1. To improve Natural Language Processing (NLP) research for the computational analysis of the Welsh language, particularly at the semantic level as defined in Work Package 3 of the CorCenCC proposal.

2. To maintain and take the lead in extending the existing NLP semantic tagger framework in Java for Welsh and English with novel contextual disambiguation methods for accurately tagging words and multiword expressions.

3. To collaborate with non-academic and research project partners and to take a leading role in the coordination of research and development activities to embed the Welsh semantic tagger in the CorCenCC framework.

4. To participate in all project meetings, taking the lead responsibility for Lancaster University where necessary; preparation and presentation of talks, posters and reports to disseminate the results of the research.

5. To participate in national and international conferences and workshops to present the results of the project to a wider audience and to learn about current advances in the field.

6. To take a leading role in the preparation of conference and journal papers for publication of project findings.

7. To participate in (and ultimately take the lead in) writing new research proposals that build on the expertise developed in this project.

8. To carry out any other duties appropriate to the grade, as directed by the Principal Investigator or their representative.