SENIOR RESEARCH ASSOCIATE

Ref: A2980

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Essential/Desirable</th>
<th>Application Form/Supporting Statements/Interview*</th>
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<tbody>
<tr>
<td>A thorough working understanding of experimental and modelling techniques in materials and structures</td>
<td>Desirable</td>
<td>Supporting Statements/Interview</td>
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<tr>
<td>A PhD or equivalent in Civil Engineering, Mechanical Engineering</td>
<td>Essential</td>
<td>Application Form</td>
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<tr>
<td>Experience in one or more of the following energy conversions: electro-hydraulic, thermomechanical and piezoelectric systems</td>
<td>Essential</td>
<td>Supporting Statements/Interview</td>
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<tr>
<td>Experience in modelling</td>
<td>Essential</td>
<td>Supporting Statements/Interview</td>
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<tr>
<td>Experience of working with civil engineering materials</td>
<td>Desirable</td>
<td>Supporting Statements/Interview</td>
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<tr>
<td>Practical engineering design experience</td>
<td>Desirable</td>
<td>Supporting Statements/Interview</td>
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<tr>
<td>Publications record appropriate to stage of career in peer-reviewed journals</td>
<td>Essential</td>
<td>Application Form</td>
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<td>The ability to present information in an accurate and appropriate format.</td>
<td>Essential</td>
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<td>Experience of quantitative research such as study design, quality assuring and analysing data</td>
<td>Essential</td>
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<td>An aptitude for learning new skills and approaches</td>
<td>Essential</td>
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<td>Effective interpersonal skills including evidence of working collaboratively within a team and providing appropriate guidance for colleagues</td>
<td>Desirable</td>
<td>Interview</td>
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* 

- **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to make a specific supporting statement. Normally used to evaluate factual evidence e.g. award of a PhD. Will be “scored” as part of the shortlisting process.
- **Supporting Statements** - applicants are asked to provide a statement to demonstrate how they meet the criteria. The response will be “scored” as part of the shortlisting process.
- **Interview** – assessed during the interview process by either competency based interview questions, tests, presentation etc.