### Job Description for Academic Foundation Programme

#### CLINICAL SCIENCE & BIOMEDICAL ENGINEERING

**Host Trust**

SALISBURY DISTRICT HOSPITAL NHS FOUNDATION TRUST

<table>
<thead>
<tr>
<th>DEPARTMENT</th>
<th>Clinical Science and Biomedical Engineering Salisbury District Hospital</th>
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<tbody>
<tr>
<td>COMMENCEMENT DATES</td>
<td>August, December or April</td>
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<tr>
<td>EDUCATIONAL SUPERVISOR</td>
<td>Dr Andrew Tanner. 01722 336262 x4227 E-mail: <a href="mailto:andrew.tanner@salisbury.nhs.uk">andrew.tanner@salisbury.nhs.uk</a></td>
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<tr>
<td>CLINICAL SUPERVISOR</td>
<td>Professor Ian Swain. 01722 336262 x4117 E-mail: <a href="mailto:iain.swain@salisbury.nhs.uk">iain.swain@salisbury.nhs.uk</a></td>
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<tr>
<td>ADMINISTRATIVE CONTACT</td>
<td>Ms Helen Whatley. 01722 336262 x4492 E-mail: <a href="mailto:helen.whatley@salisbury.nhs.uk">helen.whatley@salisbury.nhs.uk</a></td>
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#### MAIN EDUCATIONAL OPPORTUNITIES

- Work within the Biomedical Engineering Department to observe and participate in research activity. This is a leading International Centre for Functional Electrical Stimulation (FES)
- Access to research work related to restoring function after neurological illness or injury.
- Exposure to research activity related to wound healing
- Attend FES clinics (2 or 3 per week)
- Develop skills in assessing patients with a wide range of neurological conditions needing assessment for possible FES treatment.
- Participation in FES training courses
- Possible placement in Spinal Medicine
- A generic course to teach Research methodologies
- Attend the Academic Bio-engineering Research Group meetings
- Present results of any relevant research at appropriate meetings
Rotation will be linked to relevant clinical specialties (Stroke Medicine, Plastics)

**FORMAL TEACHING PROGRAMMES**

Weekly Departmental Meetings  
Monthly Research Meetings  
Core Programme for F2 Teaching (Weekly)  
Generic Research Methodology Teaching  
Weekly Hospital Grand Round  
FES Course (Basic, advanced and Upper limb courses)

**ANTICIPATED OUTCOMES**

The Foundation Doctor should have:
- Developed ‘hands on’ experience of research activity
- Gained experience of research governance
- Presented relevant findings at appropriate meetings
- Presented a critical review to the research group
- Developed an understanding of the Ethical review process
- Developed an understanding of the sources of funding for research activity
- Developed some elementary skills in statistical analysis
- Gained Clinical experience in a rapidly developing and innovative field

**PROPOSED TIMETABLE**

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<tr>
<th></th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<th>Friday</th>
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<tbody>
<tr>
<td><strong>A m</strong></td>
<td>Spinal Med Round</td>
<td>Research time</td>
<td>Clinic</td>
<td>Research time</td>
<td>Educational supervision</td>
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<tr>
<td><strong>P m</strong></td>
<td>Study Time</td>
<td>Core Clinical Teaching</td>
<td>Clinic</td>
<td>Research time</td>
<td>Clinic</td>
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Please contact Dr A R Tanner or Professor Ian Swain for more information  
E-mail: iain.swain@salisbury.nhs.uk

Wessex Deanery is part of the South Central Strategic Health Authority and provides postgraduate medical and dental education for Hampshire, Isle of Wight, and the States of Jersey, and for Dorset and South Wiltshire on behalf of the South West Strategic Health Authority