Job Description for Academic Foundation Programme

CLINICAL SCIENCE & BIOMEDICAL ENGINEERING

Host Trust

SALISBURY HEALTHCARE NHS TRUST

<table>
<thead>
<tr>
<th>DEPARTMENT</th>
<th>Clinical Science and Biomedical Engineering Salisbury Foundation Trust 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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<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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<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>
<th>Thursday</th>
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<tbody>
<tr>
<td>Am</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>Pm</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