# Job Description for Academic Foundation Programme

**MEDICINE**  
(Division of Infection, Inflammation and Immunity)

**Host Trust**  
SOUTHAMPTON UNIVERSITY HOSPITALS NHS TRUST

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<tr>
<th>DEPARTMENT</th>
<th>Medicine (Division of Infection, Inflammation and Immunity) - Southampton</th>
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<td>COMMENCEMENT DATES</td>
<td>August, December, or April</td>
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| EDUCATIONAL SUPERVISOR NAME: | Dr Hasan Arshad  
Email: s.h.arshad@soton.ac.uk  
Tel: 02380 794195 |
| CLINICAL SUPERVISOR NAME: | To be confirmed |
| ADMINISTRATIVE CONTACT NAME: | Ms Diana Head |
| MAIN EDUCATIONAL OPPORTUNITIES | Clinical training in respiratory medicine, dermatology, and/or infection  
- Exposure to research into asthma, eczema, COPD, rhinitis, skin diseases, and infections.  
- Regular weekly one hour meetings with supervisors.  
- A short project. The trainee will join a team on an established and ongoing project, either clinical or laboratory based.  
- The trainee will be expected to write a 3,000 – 5,000 word resume of their work.  
- The trainee will present the study on three occasions: to identify the scientific question, review progress and conclude. |

For further information, see the III Division website at:  
http://www.som.soton.ac.uk/research/iiir
### FORMAL TEACHING PROGRAMMES

Generic research skills training provided by the R&D Support Unit and the Wellcome Trust Clinical Research Facility, at Southampton General Hospital (10 half day sessions). This course will enable F2 trainees –

- To gain an overview of the scope of clinical research
- To learn about research methods and their appropriate application
- To learn about sources of knowledge and knowledge management
- To learn how to form research questions
- To learn how to critically appraise research
- To master elementary statistics and understand their application to research
- To understand the sources of funding for research and financial management of research
- To understand the ethics of research, consent and confidentiality
- To understand how research is regulated and governed

Between sessions participants will be expected to develop their own research projects involving the:

- Generation of research questions
- Design of research protocols
- Financial aspects of research
- Navigation through ethics and the regulation of research

### TIMETABLE

Detailed timetables will be agreed depending on which sub-specialty the F2 trainee is attached to. An example is given for an F2 trainee.

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| **a.m.** | Research Group meeting  
Reading of the literature  
Discussion of the project with supervisor(s) | Regular meeting with supervisors (1 hr)  
Reading of the literature | Training in skin prick testing  
Training in lung function testing  
Clinical Grand Round | Journal Club  
Training in sputum induction | Analysis of immunoassay data,  
including statistical analysis |
| **p.m.** | Attendance of clinical bronchoscopy session | Training in immunoassays  
Discussion of research with one of the existing clinical and non-clinical fellows | Attendance of a respiratory clinic | Training in sputum processing | Divisional Research Review - Whole afternoon meeting |