Job Description for NIHR Academic Clinical Fellowship in General Surgery – ST1-3

1. Job Title.
Academic Clinical Fellowship in General Surgery

2. Duration of post.
3 years

3. Research institutions in which training will take place
Barts and The London, Queen Mary University of London, Faculty of Medicine and Dentistry

4. Timetabling of clinical and research time: 75% Clinical, 25% Research time over 3-year period. The research activities are usually undertaken in 3 monthly block periods (e.g., 3 months each in ST1, ST2 and ST3). Weekly day release for research may be considered depending on the specific research/clinical programme at a particular timepoint. The remaining time will be spent obtaining clinical competencies in General Surgery.

5. Description of research component of programme: The proposed program for research will be suitable for an ACF with an interest in General Surgery, Trauma and Emergency Surgery. The research training in this clinical academic specialty will provide a unique opportunity to develop a range of academic skills and undertake original research with a view to developing a career as a surgical academic.

The research will take place within the Centre for Trauma Sciences at the Blizard institute. The Centre has a long-standing reputation for excellence in the field, and has contributed major findings from basic, observational and interventional studies. The wider Blizard institute provides state-of-the-art facilities and resources relevant to the project, including the Genome Centre and various core facilities. The proposal will be supported by Dr Paul Vulliamy (Senior Clinical Lecturer in Trauma Sciences) and Professor Karim Brohi (Professor or Trauma Sciences), along with various collaborators and group members. The investigators and department have a strong track-record of supervising clinical academics, delivering high-impact publications and successfully obtaining grant funding including Wellcome, the MRC and Rosetrees Trust.

The focus of the research programme will be on the acute response to injury. The investigators have particular expertise in vascular biology, coagulation and inflammation after trauma. The approach will include a combination of wet-lab techniques and data science, with a linked bespoke research training programme to support the acquisition of the relevant skills. The research programme will involve training in laboratory techniques, sample processing and preparation for multi-omic analyses. The candidate will benefit from ongoing interdisciplinary programmes of research working with clinicians, discovery scientists and bioinformaticians/computational biologists. Training and support in statistics and bioinformatic approaches will be provided. The candidate will have a personalised academic training plan which aligns with their clinical training plans. The training plan, in line with the NIHR, will include subjects such as statistics, clinical trial design, ethics, genomics and bioinformatics amongst others, as well as formal training in good clinical practice (GCP). Contributions to peer-reviewed publications and presentations at national/international conferences will be actively supported.

6. Description of clinical training component of programme
Trainees fall under the remit of the Core Surgical and/or Higher Surgical training programme and although every effort is made to keep successful candidates within Barts Health NHS Trust, they may be based at any Trust within north-east London. The specific clinical component will depend on the candidate's stage of training. An example outline is below:

Year 1: General and/or GI surgery at Barts Health, including on-call duties covering trauma surgery

Year 2: General and/or GI surgery at a busy NHS trust including on-call duties covering emergency surgery
Year 3: To include vascular surgery and trauma surgery at the Royal London Hospital, with on-call duties covering trauma and emergency surgery.

7. Academic Programme Director name

Nick Watkin *Email: nick.watkin@nhs.net*
Dan Leff *Email: d.leff@imperial.ac.uk*

8. Clinical Programme Director name

Richard Boulton *Email: r.boulton@nhs.net*
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9. Programme contact for further information (phone or email)

- *Academic Lead: Karim Brohi* *Email: k.brohi@qmul.ac.uk*
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- *Academic Supervisor: Paul Vulliamy* *Email: p.vulliamy@qmul.ac.uk*
- *IAT Leads at Queen Mary*
  - Dr Upkar Gill Email: u.gill@qmul.ac.uk
  - Dr Sasha Howard Email: s.howard@qmul.ac.uk

12. NHSE contact:
Specialty Team https://lasepgmdesupport.hee.nhs.uk/support/home
Recruitment Enquiries - https://lasepgmdesupport.hee.nhs.uk/support/home

13. Useful websites for further information IAT Guide | NIHR
https://www.nihr.ac.uk/explore-nihr/academy-programmes/integrated-academic-training.htm

14. Confirmation that the post attracts an NTN (A)
Yes.

This job description was prepared on 11th August 2026.