

Programme 15 – Surgery – based at Guy’s and St Thomas’ Hospitals

Reference: 2122/KCL/15

Individual Placement Descriptor (IPD) for the four month academic placement
 Separate IPDs for clinical placements are available on foundation school websites

Type of programme	
Academic Foundation Year Training (Research) Programme	
Employing trust:	Academic placement based at:
Guy's and St Thomas' NHS Foundation Trust	Guy’s and St Thomas’ Hospitals
Brief outline of department	
<p>King’s Health Partners Vascular Unit at St Thomas’ Hospital is the largest in the country and is a leading centre for the treatment of complex vascular diseases including aneurysms, carotid, peripheral arterial, venous thrombotic and lymphatic disease.</p> <p>The combined clinical-academic unit is part of the BHF Centre of Research Excellence for Cardiovascular Disease. It comprises a Professor of Vascular Surgery, a Professor of Vascular Science, 2 Senior Clinical Lecturers, an NIHR Clinical Lecturer, post-doctoral scientists, Clinical Research Fellows, and two NIHR Academic Clinical Fellow.</p> <p>Our research uses a multi-disciplinary approach that includes the development and application of biochemical, physiological, genetic, molecular and imaging techniques, as well as relevant models of vascular disease. It is facilitated by local, national and international collaborations that have enabled many publications in high impact factor journals and successful funding from MRC, Wellcome, BBSRC, BHF and the Royal College of Surgeons.</p>	
Structure of academic project/what expected	
<p>The full spectrum of projects is made available to the trainee by virtue of the fact that we have both basic science and clinical research interests.</p> <p>The unit has laboratory facilities including molecular biology, tissue culture and histology and access to state of the art equipment and expertise. There will also be opportunity to develop generic and specific research skills at training courses within KCL.</p> <p>Clinical projects are facilitated by the wealth of patient data collected for each of the aforementioned vascular pathologies, particularly patients undergoing treatment of aortic pathologies.</p> <p>The majority of the academic projects undertaken to date by Academic Foundation Trainees placed in the Department have been presented at a national/international meeting and subsequently published.</p>	

Clinical commitments during academic placement

The academic F2 will be required to be on an out of hours rota at Guy's and St Thomas' NHS Foundation Trust which comprises of 1 in 4 weekend twilight shifts and will not affect the academic weekday timetable. The F2 is expected to attend the monthly F2 teaching and encouraged to engage with other relevant clinical educational events where applicable.

Departmental academic teaching programme (if applicable)

The unit holds an academic meeting for juniors and consultants on the first day of each week. The department has four postdoctoral scientists who can teach research techniques and methodology as required. A culture of team work and is encouraged with more established MD/PhD students offering support and guidance to students on shorter term placements. The successful candidate will have access to researcher development courses run by KCL.

Academic Lead

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