

Programme 4 – Cardiovascular – based at King's College Hospital

Reference: 2122/KCL/04

Individual Placement Descriptor (IPD) for the four month academic placement

Separate IPDs for clinical placements are available on foundation school websites

<p>Type of programme</p> <p>A combined clinical and research training programme ideally suited to individuals with prior undergraduate research experience who are interested in a cardiovascular clinical academic career.</p>	
<p>Employing trust:</p> <p>King's College Hospital NHS Foundation Trust</p>	<p>Academic placement based at:</p> <p>King's College Hospital</p>
<p>Brief outline of department</p> <p>The Cardiovascular Clinical-Academic Grouping integrates the KCL School of Cardiovascular Medicine & Sciences and the King's Health Partners clinical cardiovascular services. We host the joint-largest UK British Heart Foundation Centre of Research Excellence, recently renewed for a third term. The School has ~45 PIs (including 4 BHF Professors) and >50 PhD/MD students among 200 staff. There are a wide range of internationally leading laboratory-to-bedside research programmes covering major disease areas (https://www.kcl.ac.uk/scms/index). Clinical training is undertaken at King's College Hospital (KCH), a leading UK cardiac centre with a comprehensive range of cardiology/cardiac surgery services and a strong track record of clinical innovation.</p>	
<p>Structure of academic project/what expected</p> <p>A four month full-time laboratory attachment based within the James Black Centre, a state-of-the-art institute with outstanding research facilities at KCH. Projects are agreed between the trainee and educational supervisor at the beginning of the F2 year. Research areas include cardiac hypertrophy, heart failure, heart regeneration, vascular dysfunction, vascular aging, proteomics and inflammation - each led by a senior PI and all within multi-disciplinary groupings. You will be involved in a topical project with exposure to state-of-the-art research techniques, and develop some ideas about future PhD training projects. It may be feasible to continue some research during the 4 month clinical cardiology rotation that follows the academic placement.</p>	
<p>Clinical commitments during academic placement</p> <p>No formal clinical commitments but attendance at clinical educational seminars is encouraged.</p>	
<p>Departmental academic teaching programme (if applicable)</p> <p>A weekly laboratory seminar programme, 1-2 BHF Centre international seminars per month, a large variety of other technology workshops/research seminars that you can attend if you wish.</p>	
<p>Academic Lead</p> <p>Professor Ajay M Shah BHF Professor of Cardiology & Director of the King's BHF Centre of Excellence. ajay.shah@kcl.ac.uk</p>	