**Orthodontic Training Programme**

**Job Description**

**Post Details**

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| **HEE Office:** | Health Education Thames Valley and Wessex |
| **Job Title:** | Specialty Trainee in Orthodontics ST! |
| **Person Specification:** | NRO to complete |
| **Hours of work & nature of Contract:** | Full time  Fixed Term Training Appointment |
| **Main training site:** | Queen Alexandra Hospital, Portsmouth |
| **Other training site(s):** | Academic programme – Bristol Dental Hospital |

**Organisational Arrangements**

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| **Training Programme Director (TPD):** | Dr Julie C Williams |
| **TPD contact details:** | Bristol Dental Hospital  Lower Maudlin Street  Bristol  Julie.Williams3@UHBristol.nhs.uk |

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| **University:** |  | | | | | | |
| **Degree awarded:** |  | | | | | | |
| **Time commitment:** |  | | | | | | |
| **University base fee 2020/21:** |  | **What will I pay in 1st year?** |  | **What will I pay in 2nd year?** |  | **What will I pay in 3rd year?** |  |
| **Bench fees 2018/17:** |  |  |  |  |  |  |  |

**Training Details**

**(Description of post)**

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| The specialties of Oral & Maxillofacial Surgery, Oral Surgery, Orthodontics and Restorative Dentistry are managed as a single unit within the Head and Neck clinical service group. The clinical Director of the Maxillofacial Unit is Mr Stephen Robinson, Consultant Orthodontist.  The Orthodontic department is arranged as a modern 4 chair poly-clinic with an additional 2 chairs in separate rooms. It has digital radiographic support with a Sectra system, as well as Cone Beam CT facilities available within the dental radiology suite. Each operative area has its own PC with dual monitor for viewing digital records. There is access to Dolphin Imaging for digitizing cephalometric radiographs.  We are equipped with three Nikon cameras with macro lenses and ring flashes and images are stored on the Trust server.  There is an Orthodontic StR room shared with the Orthodontic therapists.  There is an on-site Maxillofacial and Orthodontic laboratory with 3 full-time equivalent trained technicians providing the full range of fixed, functional and removable appliances alongside the restorative and head and neck prostheses.  There are 2 Orthodontic therapists and one trainee Orthodontic therapist as well as DCTs and Maxillofacial StRs and an Oral Surgery StR.  Staff within the Maxillofacial department are involved in teaching locally, regionally, nationally and internationally.  **Clinical**  The training will involve development of diagnosis and management of a range of orthodontic cases including complex cases involving multi-disciplinary input.  MDT clinics with Orthodontic involvement include: Orthognathic clinic; Hypodontia clinic; Dento-alveolar surgery Clinic; Sleep Apnoea clinic.  The Maxillofacial department is also responsible for a visited service to the Isle of Wight for orthodontics and OMFS specialist clinics as well as an orthodontic service in Southampton. |

**Duties and Responsibilities of postholder**

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| **Location of Duties**  Queen Alexandra Hospital is the base hospital for this post with attendance at Bristol Dental Hospital for the academic programme. Occasional visits to other units in the specialty will be encouraged to improve and broaden experience.  **Duties and responsibilities:**  **Clinical**  The StR will have a personal caseload of IOTN 4 and 5 malocclusions. A range of appliance systems are used including conventional and passive self-ligation fixed appliances, removable and fixed functionals and miniscrew anchorage systems.  They will have the opportunity to correct malocclusions using fixed and functional appliances. In addition they will have exposure to new patient clinics and will be exposed to the management of more complex orthodontic cases.  **Teaching**  The StR will enrol with the University of Bristol on the Doctorate in Dental Surgery Programme. There will also be an opportunity to teach Dental Core trainees and Orthodontic therapy trainees and to support the training of other members of the dental team including student dental nurses and orthodontic therapists.  **Study/Research**  Study and examination leave allowance are as stated in the Terms and Conditions of Service. Facilities for research are available for approved projects and research is actively supported. |

**Description of main training site**

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| Portsmouth Hospitals NHS Trust is a provider of Acute Health Services under contract to a range of Purchasers in the area of the Hampshire basin and Western South Downs. The catchment is in excess of 650,000 people. The area served by the Trust is on the Solent and English Channel and includes the City of Portsmouth and the Boroughs of Gosport, Fareham and Havant extending from Warsash in the west to Emsworth on the Sussex border and its northern boundaries encompass Petersfield and Liss. With the exception of the rural north, it is an essentially urban area having grown up around the Royal Naval establishments in Portsmouth and Gosport. It now provides a wide range of modern high-tech industry and the facilities associated with a commercial port and cross Channel ferry terminal.  In recent years, the Trust has consolidated services from three hospitals (St Mary's Hospital (SMH) on Portsea Island, Royal Hospital Haslar (RHH) on the Gosport Peninsula) onto a single site at the Queen Alexandra Hospital (QAH) in Cosham. A major PFI funded build at the Queen Alexandra Hospital has been completed in order to accommodate the transfer of all acute specialities.  Portsmouth is a thriving naval city, steeped in history, on the South Coast. It is ninety minutes from central London and has good transport links, including regular ferries to France and Spain. The major airports are easily accessible. It has some of the best water sport facilities in Europe and sandy beaches are within easy reach. Developments within the city itself and on the Gosport side of the harbour suggest a vibrant future for the area. Inland from the hospital is the beautiful and relatively unspoilt countryside of rural Hampshire. Close by is the New Forest and the recently designated National Park of the South Downs. The area combines the advantages of city life with pleasant villages and seaside towns. There are a number of first rate schools both in the state and private sector and it is an excellent place to raise a family. |

**Description of second training site**

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| **Description of site for Academic days**  Situated in the heart of Bristol, UH Bristol is a large city centre Teaching Trust employing over 7000 staff, with annual revenue of nearly £400 million and with a total of 1156 beds throughout the Trust. We are one of the largest employers in Bristol and provide a wide range of in-patient, out-patient and day-care services to the local population within Bristol, as well as being the biggest specialist referral centre for the South West England.  The University of Bristol Dental Hospital & School and the Bristol Royal Infirmary are the major centres for specialty training in the South Western Deanery, providing a specialist and emergency service. The University of Bristol Dental Hospital and School has approximately 95,000 patient attendances per annum and has an excellent national and international reputation for patient care, scholarship and research. Academics work in close association with NHS colleagues and share joint management procedures. The Dental Hospital site is adjacent to the Bristol Royal Infirmary (BRI), a major tertiary referral centre, where all investigative, medical and surgical facilities are present within the complex. There is a designated Children’s Hospital within the Bristol Royal Infirmary complex. 2013 saw the centralisation of the Head and Neck services to UB Bristol. Within BDH, this included oral and maxilla facial surgery and orthodontics. The South West cleft services transferred to the dental hospital in the summer 2014.  The Bristol Dental Hospital and School of Oral and Dental Sciences are combined and have close links with the teaching of students. The Department of Child Dental Health was refurbished in 2006-7. There are 34 chairs with 10 orthodontic postgraduate and staff chairs in an open plan clinic. The Orthodontic Department is part of the Department of Child Dental Health and has two main functions: first, the teaching of dental students on a three year longitudinal course and second, the treatment of child and adult orthodontic patients. The Department also provides some treatment for cleft lip and palate patients. Research in basic sciences and clinical research are now well established as part of the Research base in the Department of Oral and Dental Sciences. At the last RAE the Department was rated 5\* a score which was achieved by only one other Dental School in the UK.  **Facilities**  Specialty library is housed within the University of Bristol Medical Library (10 minutes walk from the Bristol Dental School) with a wide range of relevant journals.  UBHT **Library** Learning Resource Centre located in the Medical Education Centre  Medical library in the Bristol Royal Infirmary  Postgraduate Centre and Library at the Bath Royal United Hospital with a Dental Section  **Transport in Bristol**  The intercity and country bus terminus is very near and other city bus routes pass within a couple of minutes walking distance. There are two railway stations (Temple Meads and Parkway). Trains to London take approximately 1½ hours. The airport is about 9 miles away. |

**Description of third training site *(if applicable)***

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| N/A |

**Staff involved in training:**

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| **Name** | **Job Title** | **Site** | **Role** |
| Mr Stephen Robinson | Consultant Orthodontist | Queen Alexandra Hospital, Portsmouth | Clinical Supervisor |
| Miss Sirisha Ponduri | Consultant Orthodontist | Queen Alexandra Hospital, Portsmouth | Educational & clinical Supervisor |
| Mr Ross McDowall | Consultant Orthodontist | Queen Alexandra Hospital, Portsmouth, St Mary’s , IOW | Educational & clinical Supervisor |

**Indicative timetable (details are subject to change)**

**Week 1**

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|  | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** |
| **AM** | Research | Patient Treatment  (Miss Ponduri) | Patient Treatment  (Mr McDowall) | Patient Treatment  (Mr Robinson) | Bristol Academic Day  Treatment session 1/5 on non- academic day |
| **PM** | Research | Patient Treatment  (Miss Ponduri) | Patient Treatment  (Mr McDowall) | Patient Treatment  (Mr Robinson) | Bristol Academic Day  Treatment session 1/5 on non-academic day |

**Week 2 *(not applicable)***

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|  | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** |
| **AM** |  |  |  |  |  |
| **PM** |  |  |  |  |  |

**Terms and Conditions**

**General**

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| 1. The post is covered by the Terms and Conditions of Service of Hospital Medical and Dental Staff. 2. Whole time appointment.   Any candidate who is unable, for personal reasons, to work full-time will be eligible to be considered for training flexibly in post. The Terms and Conditions of Service as amended from time to time, will apply to and govern this statement.   1. You are entitled to receive three months’ notice of termination of employment and are required also to give your employing Authority three months’ notice. 2. Accommodation   The appointment does not require you to be resident.  The successful candidate will be required to meet the criteria of the person specification.   1. The passing of a medical examination is a condition of appointment of all practitioners within the scope of the National Health Service Superannuation Scheme. 2. Carry-over of leave   On each part of a rotational appointment Registrars will be expected to take leave proportionate to time spent in that slot.   1. Protection of Children: Disclosure of Criminal Background   The person appointed to this post may have substantial access to children as defined in Joint Circular No HC (88)9, HOC8/88 and WHC(88)10. Applicants are therefore advised that shortlisted candidates will be asked to complete a form disclosing any convictions, bind-over orders or cautions.  Refusal to do so could prevent further consideration of the application. Attention is drawn to the provisions of the Rehabilitation of Offenders Act 1974 (Exceptions) Order 1975 as amended by the Rehabilitation of Offenders Act 1974 (Exceptions) (Amendment) Order 1986 which allow convictions that are spent to be disclosed for this purpose by the Police and to be taken into account in deciding whether to engage an applicant.   1. Candidates are assured that the completed form will be treated with strict confidentiality and will not be disclosed to the Appointments Committee until the successful candidate has been selected. A Police check will only be requested in respect of the candidate recommended for appointment. All forms completed and returned by other candidates will be destroyed when the final selection of the candidate to be recommended for appointment has been made. |

**Study Leave**

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| * 1. The Dental Postgraduate Dean, Thames Valley & Wessex Deanery confirms that this post and Programme has the required educational and staffing approval to provide the training required for award of a CCST. The appointment will be subject to yearly ARCP assessment.   2. The training period is structured according to the guidelines issued by the SAC and accepted by the General Dental Council. Training is geared towards successful performance in the Specialty Royal College Orthodontics exam and award of MOrth.   3. There is a dedicated Virtual Learning Environment, hosted by the British Orthodontic Society, to aid the learning and development of trainees.   4. The Specialty Trainee is encouraged and assisted to attend appropriate courses in clinical, teaching and managerial skills. There will be the usual provision for study leave through Thames Valley and Wessex HEE.   5. The Specialty Trainee is expected to undertake research leading to the award of a DDS from the University of Bristol. |

**Annual Leave**

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| The post is covered by the Terms and Conditions of Service of Hospital Medical and Dental Staff. |

**Other information**

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| **Syllabus Outline:**  This will cover the key areas as highlighted in the GDC approved curriculum published in September 2010:   1. Cell & Molecular Biology 2. Embryology/Growth of face and jaws 3. Psychology 4. Research and IT 5. Imaging 6. Oral Health 7. Dental Health Education 8. Health and Safety 9. Clinical Governance 10. Development of the dentition 11. TMD 12. Tooth Movement/ Facial orthopaedics 13. Orthodontic materials and biomechanics 14. Aetiology of malocclusion 15. Airway, craniofacial development 16. Diagnostic procedures 17. Treatment planning 18. Growth and treatment analysis / cephalometrics 19. Long term effects 20. Iatrogenic effects 21. Epidemiology 22. Ortho literature and Research 23. Removable appliances 24. Functional appliances 25. Extra oral appliances 26. Fixed appliances 27. Retention 28. Guiding the developing occlusion 29. Adult orthodontics 30. Orthodontics and MOS 31. Orthodontics and Restorative 32. Overview of management of facial deformity 33. Management 34. Teaching and communication   As part of the curriculum, assessments will be used to assess key competencies with work based assessments (WBA) throughout the three year period. This will include Direct Observation Procedures (DOPS), Case Based Discussions (CBD) and Multi Source Feedback (MSF) during the training period. |