NTN Grid - Programme Information

Neurodisability

Please find below programme information for the above subspecialty for training programmes starting in August/September 2011.

Page 2 contains a list of all submitted programmes of training; the job descriptions for each post follow on.

Applications for the NTN Grid open from 12noon Monday 6th September; closing at 12noon Monday 4th October. Applications can only be accessed during this period from the College website.

For more information on the grid process and to access the Grid Applicants Guide please visit: http://www.rcpch.ac.uk/Training/NTN-Grid-Scheme

For specific subspecialty information, please contact:

Dr Karen Horridge  
Email: karen.horridge@mac.com  
Tel: 0191 565 6256

For further information which is not answered after consulting the website and Grid Applicant Guide, please contact:

Emma Jones  
(NTN Grid Administrator)  
Email: ntngrid@rcpch.ac.uk  
Tel: (020) 7092 6139
Maximum Number of National Training Grid Appointments that may be made in 2011 for Neurodisability 20

* 6.5 Neurodisability posts are available for August / September 2011, as detailed below. Dependent on the number of candidates deemed appointable at interview, 6.5 maximum appointments will be made to these programmes. 20 maximum appointments above relates to the shortfall in neurodisability manpower planning.

<table>
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<tr>
<th>Deanery</th>
<th>Programme of Training</th>
<th>Places available</th>
<th>Duration (Years)</th>
<th>Page</th>
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<tbody>
<tr>
<td>North Western</td>
<td>Haliwell Children’s Centre, Bolton, Royal Manchester Children’s Hospital, East Lancs CAMHS, David Lewis Centre</td>
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<td>2</td>
<td>3</td>
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<tr>
<td>Oxford</td>
<td>Royal Berkshire Hospital, Dingley Specialist Children’s Centre/ and The Wolfson Centre, Great Ormond Street Hospital</td>
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<td>Severn</td>
<td>North Bristol NHS Trust</td>
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<td>2</td>
<td>9</td>
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<td>Wales</td>
<td>Childrens Centre Neath Port Talbot, Royal Gwent Hospital, Newport, Royal Glamorgan Hospital, Llantrisant</td>
<td>1</td>
<td>2</td>
<td>12</td>
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<tr>
<td>West Scotland</td>
<td>Southbank Child Centre, Glasgow and Fraser of Allander Neurosciences Unit, RHSC</td>
<td>1</td>
<td>2.3</td>
<td>1</td>
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<tr>
<td>Yorkshire and the Humber (West)</td>
<td>Leeds Children’s Hospital, Bradford Royal Infirmary, Dewsbury District Hospital and Pinderfields Hospital</td>
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<td>3</td>
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<tr>
<td>Yorkshire and the Humber (South)</td>
<td>Sheffield Children’s Hospital</td>
<td>0.5</td>
<td>2 (full time equivalent)</td>
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## North Western Deanery

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<thead>
<tr>
<th>Hospital / Centre</th>
<th>Placement Name</th>
<th>Duration (Months)</th>
<th>Educational Supervisor (name and e-mail)</th>
<th>Compulsory (C) or Optional (O)</th>
<th>Availability Guaranteed (Y/N)</th>
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</thead>
<tbody>
<tr>
<td>1 Halliwell Childrens Centre</td>
<td>Neurodisability</td>
<td>24</td>
<td>Dr Dan Hindley, <a href="mailto:dan.hindley@bolton.nhs.uk">dan.hindley@bolton.nhs.uk</a></td>
<td>C</td>
<td>Y</td>
</tr>
<tr>
<td>2 Royal Manchester Childrens Hospital</td>
<td>Neurology</td>
<td>24</td>
<td>Dr Richard Newton, <a href="mailto:richard.newton@cmft.nhs.uk">richard.newton@cmft.nhs.uk</a></td>
<td>C</td>
<td>Y</td>
</tr>
<tr>
<td>3 East Lancs CAMHS</td>
<td>CAMHS</td>
<td>24</td>
<td>Dr Frank Bowman</td>
<td>C</td>
<td>Y</td>
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<tr>
<td>4 David Lewis Centre</td>
<td>Complex Disability</td>
<td>24</td>
<td>Dr Dan Hindley/Tim Martland</td>
<td>C</td>
<td>Y</td>
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</tbody>
</table>

**Additional Information**

Above placements are for variable number of sessions a week over the 24 months training programme.
BOLTON PRIMARY CARE TRUST
Specialty Training Post in Paediatric Neurodisability

This post is a full-time 2 year post based at Halliwell Children’s Centre and in reaching into the Royal Bolton Hospital to provide on-call cover as part of a full shift rota (1:9). The post has run successfully over the last four years with our grid trainees (Dr Mel McMahon, Dr Nitin Panwar), and offers the following opportunities:

- Comprehensive neuro-disability management in community settings (Bolton)
- Tertiary paediatric neurology (Royal Manchester Children’s Hospital)
- CAMHS including dedicated neurodisability psychiatry (Royal Bolton Hospital)
- Management of intractable epilepsy / challenging behaviour (David Lewis Centre)

To include participation in / experience of:
- Dedicated children’s epilepsy service
- Joint paediatric / OT dyspraxia pathway
- Joint Paediatric/Orthopaedic clinic
- Multiagency cerebral palsy care pathway
- Multidisciplinary Feeding Clinic with specialist paediatric radiology
- Physiotherapy, OT, Speech Therapy and Learning Disability nursing on site
- Community based ADHD management service
- An effective multi-agency Child Development Centre review system
- Audio-vestibular service on site
- Excellent links with adult neurology and adult learning disability services locally
- Experience in paediatric palliative care
- Outreach clinics from the tertiary Genetics Service held at Royal Bolton Hospital
- A broad range of specialist and inclusive educational provision
- Dedicated services for adolescents
- Innovative models of care e.g. nurse led clinics, locality clinics, home visits

Proposed Job Plan
The district has an excellent medical education centre and the appointee would be expected to take part in local audit projects. He/she will be supported and encouraged to develop a research project in paediatric neurodisability.

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<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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</thead>
<tbody>
<tr>
<td>am</td>
<td>CAMHS</td>
<td>Epilepsy clinic</td>
<td>RMCH NEUROLOGY</td>
<td>Firwood clinics (2/month)</td>
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<td></td>
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<td></td>
<td></td>
<td>Outreach community clinics with GL (2/month)</td>
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<td>DLC alt weeks</td>
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<td></td>
<td>Dyspraxia alt weeks</td>
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<td>lunch</td>
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<tr>
<td>pm</td>
<td>Neurodisability clinic</td>
<td>RMCH NEUROLOGY</td>
<td>Specialist Services SpR teaching, RMCH CDT’s</td>
<td>Flexible</td>
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</table>

Neurology 2 sessions / week (Dr Richard Newton, RMCH)
CAMHS 1 session / week (Dr Frank Bowman, )
Neurodisability clinic 1 session / week (DH, Halliwell Centre)
Epilepsy clinic 1 session / week (DH, Halliwell Centre)
Multi-disciplinary services 1 session / week e.g. CDT, SALT, physio, OT, orthotics, biomechanics, LDT (preschool and school age), Complex needs team, The Parallel/Transition, Hospice, Education (ed psych, special schools/provision), Social care, specialist nurses etc etc
Specialist services 1 session / week e.g.Genetics, Audiology/ophthalmology/ENT, Feeding clinic/gastro, ADOS/SLICE, Joint orthopaedic clinic, Special School.
David Lewis Centre 0.5 session / week (DH / Dr Tim Martland)
Research & audit 1 session / week
Departmental meeting / CPD 1 session / week

Educational Supervision
Regular educational supervision with Dr Dan Hindley, Consultant Paediatrician (Neurodisability & Epilepsy) Contact 01204 463511 Email: dan.hindley@bolton.nhs.uk
(Job description July 09)
<table>
<thead>
<tr>
<th>Hospital / Centre</th>
<th>Placement Name</th>
<th>Duration (Months)</th>
<th>Educational Supervisor</th>
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<th>Availability Guaranteed (Y/N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Royal Berkshire Hospital, Dingley Specialist Children’s Centre and The Wolfson Centre, Great Ormond Street Hospital</td>
<td>ST6-8 in paediatric neurodisability at Royal Berkshire Hospital, Reading and the Wolfson Centre, Great Ormond Street London</td>
<td>24</td>
<td>Dr Rosalind Jefferson Dingley Specialist Children’s Centre, 3 Craven Road, Reading, Berks, RG1 5 AN <a href="mailto:ros_jeff@hotmail.com">ros_jeff@hotmail.com</a></td>
<td>C</td>
<td>Y</td>
</tr>
<tr>
<td>Oxford Children’s Hospital</td>
<td>ST6-8 in paediatric neurology</td>
<td>6</td>
<td>Dr Mike Pike, Dr MA Mc Shane, Dr S Jayawant Paediatric Neurology, Oxford Children’s Hospital <a href="mailto:mike.pike@orh.nhs.uk">mike.pike@orh.nhs.uk</a></td>
<td>C</td>
<td>Y</td>
</tr>
</tbody>
</table>

**Additional Information**
- 2 years in shared post between Dingley Specialist Children’s centre Reading (3 days/week) and The Wolfson Centre, London (2 days/week)
- 6 months Paediatric neurology Oxford Children’s Hospital John Radcliffe Hospital Oxford
- 6 months negotiable to the trainees needs Reading or Oxford
Subspecialty: Paediatric neurodisability

Base Unit: Reading, Oxford and London

Deaneries involved: Oxford and London

Outline of Programme
Paediatric Neurodisability - 18 months / 2 years would be provided from the joint Reading / Wolfson Centre post, the length of time would depend on the ultimate career goal of the trainee. The post comprises three days per week in Reading and two days per week at the Wolfson Centre, London.

The Wolfson Centre, GOSH, London is nationally recognised as providing a tertiary Paediatric Neurodisability service.

Paediatric Neurology - A 12 month block of training will be provided at the Oxford Children's Hospital

Departmental Information

- **Demographics**
  Royal Berkshire Hospital, Reading – The Paediatric Neurodisability Service is provided by Dr Ros Jefferson. A further consultant appointment will be made before September 2011. It forms part of an integrated Hospital and Community Paediatric Department based within an acute hospital trust. A district Paediatric service is provided for the West of Berkshire, total population of ½ million with 100,000 children. There are three PCT’s and three local authorities in the district, which are coterminous, one of which (Wokingham) is a Pathfinder Children's Trust. There are good links between the hospital and Reading University where there are strengths in Child Psychology, Linguistics / Language pathology and Cybernetics. The appointees will work within the Child Development Centre.

  The Child Development Centre is located adjacent to the Royal Berkshire Hospital and alongside the Child and Adolescent Mental Health Service. It contains the offices of the Neurodisability and Community paediatricians and Specialist Registrars. The CDC has a core multi-disciplinary team which includes paediatricians and therapists from physiotherapy, occupational therapy, and speech and language therapy. It is closely linked with the hospital based Community Children’s Nursing Team and Local Authority Education and Social Services Disabled Children's Teams. There are good links with the Clinical Psychologists and CAMHS teams, and with tertiary services from Oxford which include Paediatric Neurology, Clinical Genetics, Neurophysiology, Orthopaedics with Gait Lab and Paediatric Gastroenterology. Child and Adolescent Psychiatry - The current paediatric neurodisability post in Reading includes one session per week with the local CAMHS Team. The Paediatric Neurology Service from Oxford can also offer input via their close links with the Neuropsychiatry Service provided from the Park Hospital for Children.

  Additional Clinics
  - Clinical Genetics – The Oxford Clinical Geneticists (Dr Helen Stewart) hold clinics twice each month in Reading within the Child Development Centre which the grid trainee may attend.
  - Paediatric Gastroenterology / Feeding Clinic – This service is available at the Wolfson Centre and as a service for individual patients in Reading. Opportunities to attend Dr Peter Sullivan’s Clinic in Oxford could be arranged.
  - Paediatric Audiology / ENT – This can be provided in Reading via the Audiology Unit at RBH and the joint ENT / Audiology Clinics run by Mr Colquhoun Flannery.
  - Paediatric Ophthalmology – This is provided from the Wolfson Centre / Great Ormond Street link and for individual patients in Reading.
  - Paediatric Orthopaedics – Joint clinics are held with the Consultant Orthopaedic Surgeon and therapists in Reading. We also have close links with the Oxford Gait Laboratory and the Specialist Orthotic Service at the Nuffield Orthopaedic Centre in Oxford. Description of the Service

Oxford Children's Hospital Paediatric Neurology

Oxford provides a regional tertiary paediatric neurology service based at the Children's hospital in Oxford. Drs Mike Pike, Tony McShane and Sandeep Jayawant provide the service for children in the Oxford Region. They hold outreach clinics in each DGH in the region. The department currently sees >2000 out-patients per annum both in the district and at regional outreach clinics. Approximately 300 in-patients per year and approximately 170 day-cases are seen per year. There are regular consultations on children in paediatric intensive care, neonatology, neurosurgery and child & adolescent psychiatry.
subspecialty clinics in neuromuscular disease, neuro-oncology, Tourette’s syndrome and epilepsy surgery. The ward base is shared with the paediatric neurosurgeons and the craniofacial surgeons.

Clinical Work
Core Skills:
General Paediatric Neurology with regular exposure to paediatric neurosurgical and craniofacial patients. Regular exposure to patients in PICU. Frequent phone consultations with colleagues locally and regionally and frequent advice by telephone to patients parents with chronic neurological problems particularly epilepsy
Extended Skills:
Opportunities to attend specialist clinics for patients with neuromuscular disease, congenital myasthenia gravis (NSCAG service); neuro-oncology; epilepsy surgery; Tourette’s syndrome.
Inpatient Responsibilities:
Day to day management of the neurology inpatients including acute admissions. Assisting the on-call consultant with ward consultations. Managing the complex investigations often required in the daycase patients
Outpatient Responsibilities:
Each registrar will be expected to attend 2 clinics per week.

Team
Dr Ros Jefferson is the lead for paediatric neurodisability at the Royal Berkshire Hospital Reading. The Wolfson Centre, GOSH, is supported by Drs, Alison Salt, Lucinda Carr, Catherine de Vile, Jenefer Sargent, Sarah Aylett and Neil Wimalasundera.

Staffing
Oxford Paediatric Neurology Team
3 consultants
2 registrars including 1 National Grid registrar
1 SHO
1 clinical nurse specialist
2.6 secretaries

Workload / Rota Arrangements / Example Timetable
- Acute Paediatrics in RBH – Grid trainees continue to participate in the middle grade Acute Paediatric on-call rota within the Royal Berkshire Hospital on a 1 in 10 rota.
- Acute Paediatrics in Oxford Children’s Hospital. The trainee usually works on the general paediatric rota (one in 12)

SAMPLE TIMETABLE for neurodisability

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<thead>
<tr>
<th>Location</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<td>AM</td>
<td>CDC</td>
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<td>Dr Jefferson</td>
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<td>Complex disability</td>
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<td>Locomotor + botulinum</td>
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<td>Vision</td>
<td>Motor disorder - Video-gait clinic / upper limb function/ Botulinum injection</td>
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<td>Dysphagia</td>
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<td>Locomotor</td>
<td>Dr Jefferson</td>
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<td>Communication disorder</td>
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<td></td>
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<td>Sturge Weber</td>
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<td>Clinical Genetics</td>
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<td></td>
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<td>Osteogenesis Imperfecta</td>
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<td>Lunchtime</td>
<td>MDT meeting</td>
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<td>/Sensory impairment</td>
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<td>Journal Club / Audit 1xmth</td>
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<td>Motor disorder – videogait clinic Dr Jefferson</td>
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<td></td>
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<td>N Thames PND meeting</td>
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<td>ditto</td>
<td>Clinical Governance 1 x mth</td>
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Weekly Timetable for neurology in Oxford

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<th>Thursday</th>
<th>Friday</th>
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<tr>
<td>9.00 – 10.00am Meeting (Biochemistry/EEG/Journal club)</td>
<td>Day case investigations General Neurology clinic (Pike)</td>
<td>General Neurology Clinic (McShane)</td>
<td>General Neurology Clinic (Jayawant)</td>
<td>9.00 – 10.30 Neuroradiology meeting 10.30 – 11.30 Neurology Grand Round 12.00 – 1.30 Ward Round</td>
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<td>11.00 – 1.00 Ward round</td>
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<tr>
<td>Neuromuscular clinic (Jayawant)</td>
<td>General Neurology clinic (McShane)</td>
<td>X-ray teaching meeting Paediatric Grand Round</td>
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<td></td>
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<tr>
<td>General Neurology Clinic (Pike)</td>
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**Non Clinical Training Responsibilities (expectations of research / audit / teaching)**

Details of the Educational Programme in Oxford

All trainees are expected to attend Monday morning meetings (Biochemistry 1/month; EEG 1/month; Journal club 1/month). They will attend our Friday morning neuroradiology meetings (weekly) and are encouraged to attend the weekly neurology grand round after the neuroradiology meeting. They are encouraged to attend the Wednesday afternoon departmental training meetings (X-ray from 2.00 – 3.00pm) and the paediatric grand round from 4.00 - 5.00pm. We encourage the registrar to give a short presentation after the Monday ward round and the SHO after the Friday ward round. All are encouraged to attend necessary hospital and national training courses and are encouraged to take part in Audit and research.

**Further training opportunities**

This will be discussed when post and may be based on the needs of the trainee. When in Oxford the neurologists also provide regular all day peripatetic clinics in 9 district general hospitals which registrars are not expected to attend but may do so if desired. The trainee may attend several monthly specialty meetings including epilepsy surgery, neuromuscular pathology, and neuro-oncology and gain exposure to EEG, psychiatry and adult neurology as defined in the training requirements.

**Contact details for unit**

Dr Ros Jefferson at Dingley Specialist Children's Centre, 3 Craven Road, Reading, Berks, RG1 5 AN ros_jeff@hotmail.com

**Curriculum**

Each subspecialty grid programme covers the RCPCH curriculum as specified on the RCPCH website: [http://www.rcpch.ac.uk/Training/Competency-Frameworks](http://www.rcpch.ac.uk/Training/Competency-Frameworks)
<table>
<thead>
<tr>
<th>Hospital / Centre</th>
<th>Placement Name</th>
<th>Duration (Months)</th>
<th>Educational Supervisor</th>
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<th>Guaranteed (Y/N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Bristol NHS Trust</td>
<td>Neurodisability</td>
<td>24</td>
<td>Dr Tom Allport, <a href="mailto:Tom.Allport@bristol.ac.uk">Tom.Allport@bristol.ac.uk</a></td>
<td>C</td>
<td>Y</td>
</tr>
</tbody>
</table>
Neurodisability SpR training programme – Bristol

North Bristol Trust (NBT) hosts the Neurodisability training programme in the South West region. Educational supervision is with Dr Tom Allport, Consultant Paediatrician in Community Child Health/Neurodisability.

North Bristol Trust provides Paediatric Neurodisability and Community services across Bristol and South Gloucestershire co-terminously with the local authority Children and Young People’s Services, within Bristol in both City-wide and in three Area teams, with multidisciplinary team discussions, reviews, assessments and training/CPD involving close working between paediatric and multidisciplinary colleagues. Frenchay Hospital, site of the Regional (adult) Neurosciences Centre, also has a purpose built Children’s Unit housing the Regional Acquired Brain Injury and Neuro-surgical services. It is also the major Burns and Plastic Surgery centre in Bristol. Bristol Royal Hospital for Children provides comprehensive secondary and tertiary/regional paediatric services. There are close links with CAMHS, Paediatric Ophthalmology, Audiology, Orthopaedics, and Clinical Genetics. Access to Neuroradiology and Neurophysiology is excellent. There are strong academic links to the University of Bristol, via the 5-star rated School of Social and Community Health (Professors in child health Alan Emond, Liz Towner and John Henderson) with opportunities in Epidemiology (including the longitudinal ALSPAC dataset), Health Services and Qualitative research.

There are excellent educational meetings for Continuing Professional Development (CPD), Evidence-based practice (EBP) & Teaching on a Departmental basis and jointly between Neurodisability & Neurology teams, as well as Trust-wide Disability team educational meetings, Neuroradiology meetings, and Clinical Governance/audit sessions, and across each Regional Subspecialty.

This SpR will spend the two year training post based in the East/Central and City-wide Bristol Child Development/Disability Teams, with supervised responsibility for their own caseload, and with broad opportunities to observe and participate in multi-specialty, multidisciplinary and multi-agency working, with opportunities in both mainstream and special schools.

Specialist training opportunities include:

**Spasticity assessment and management:**
Joint paediatric/orthopaedic clinics
Specialist upper and lower limb orthopaedic clinics
Gait analysis
Botox assessment and administration
Intrathecal baclofen & Deep brain stimulation assessment clinics and placement
Spinal surgery teams

**Dysphagia/feeding difficulties:**
Multidisciplinary assessment clinics on Area, City and Special school basis
Videofluoroscopy

**Sensory impairment:**
Specialist vision assessment
Functional vision clinic
Avon-wide sensory support team

**Communication disorders:**
Community and nursery-based neurodevelopmental and autism assessments
School-age Social Communication Assessment Team (SCAT)

**Regional epilepsy surgery programme**

**Regional neuromuscular service**
Regional clinical genetics service

Mental health and disability
Child learning disability psychiatry, psychology & nursing service
Multi-agency 'complex needs' discussion/Joint Agency Panel
Challenging behaviour service
Tourette clinic
Adolescent inpatient unit

In the second year, they will extend their experience with 6 months in the combined Bristol Paediatric Neurology service, as part of the Neurorehabilitation team at Barbara Russell Unit, Frenchay Hospital and gaining experience of inpatient and outpatient neurology across the Bristol hospitals. In the final six months they will take a management role within the Child Development/Disability Team, negotiate ‘elective’ periods of working with a small number of other specialties and disciplines, and write up and disseminate the research/audit undertaken in the first year.

CAMHS experience is best undertaken through regular membership of a team over time: throughout the 2 years trainees will join a locality CAMHS team that includes the Learning Disabilities Team, with opportunities for elective attachments to other teams in the final six months.

Disabled children are more often abused than the general population, and we see supervised training in child protection as an small but essential part of this experience (attendance at peer review meetings and one 9-5 day on call per month).

On call, trainees will join the middle grade rota in the Barbara Russell Children’s Unit, Frenchay Hospital, including daytime ‘on service’ and night duties. These duties will provide continuing experience in General Paediatrics, including well-supervised Paediatric Acute Care Unit (High Dependency including Burns, Plastic and Orthopaedic Surgery post-op, and Neurology/Neurosurgery), while developing skills in inpatient Neurology, Neurodisability and Neurorehabilitation. The Frenchay on call rota has educational approval for the supervised/unsupervised training content.

This programme has a proven track record as an excellent opportunity for Year 3/4/5 experience in Neurodisability.
# Wales Deanery

<table>
<thead>
<tr>
<th>Hospital / Centre</th>
<th>Placement Name</th>
<th>Duration (Months)</th>
<th>Educational Supervisor (name and e-mail)</th>
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</thead>
<tbody>
<tr>
<td>Childrens Centre Neath Port Talbot</td>
<td>Neurodisability/ Neath</td>
<td>12</td>
<td>Dr C White <a href="mailto:Cathy.White@swansea-tr.wales.nhs.uk">Cathy.White@swansea-tr.wales.nhs.uk</a></td>
<td>O</td>
<td>Y</td>
</tr>
<tr>
<td>Royal Gwent Hospital Newport</td>
<td>Neurodisability/ Newport</td>
<td>12</td>
<td>Dr M Barber <a href="mailto:Michelle.barber@gwent.wales.nhs.uk">Michelle.barber@gwent.wales.nhs.uk</a></td>
<td>O</td>
<td>Y</td>
</tr>
<tr>
<td>Royal Glamorgan Hospital Llantrisant</td>
<td>Neurodisability/ Royal Glamorgan</td>
<td>6</td>
<td>Dr J Natarajan <a href="mailto:Jaya.Natarajan@pr-tr.wales.nhs.uk">Jaya.Natarajan@pr-tr.wales.nhs.uk</a></td>
<td>O</td>
<td>Y</td>
</tr>
<tr>
<td>Morriston Hospital Swansea</td>
<td>Neurology 1</td>
<td>6</td>
<td>Dr C White <a href="mailto:Cathy.White@swansea-tr.wales.nhs.uk">Cathy.White@swansea-tr.wales.nhs.uk</a></td>
<td>O</td>
<td>Y</td>
</tr>
<tr>
<td>University Hospital of Wales, Cardiff</td>
<td>Neurology 2</td>
<td>6</td>
<td>Dr TeWaterNaude <a href="mailto:tewaternaudeja@Cardiff.ac.uk">tewaternaudeja@Cardiff.ac.uk</a></td>
<td>O</td>
<td>Y</td>
</tr>
</tbody>
</table>

**Additional Information**

This 2 year rotation consists of 18 months of neurodisability training in 1 or 2 centres and 6 months of paediatric neurology.

The first twelve months will be either in Neath/ Port Talbot or Newport and the last 6 months in any of the three centres (Neath/Port Talbot, Newport or the Royal Glamorgan Hospital) depending on whether the trainee wishes to return to their initial post or gain experience of working in a different setting.

The paediatric neurology component will be either in Swansea or Cardiff.
South Wales Training Programme for Paediatric Neurodisability

Lead Trainers
Dr C White, Dr T Josty  Abertawe Bro Morgannwg University NHS Trust
Dr M Barber, Dr H Lewis  Gwent Healthcare NHS Trust
Dr J Natarayan, Dr S Jaafar  Cwm Taf NHS Trust
Dr L Hartley  Cardiff and Vale NHS Trust

There are three centres in South Wales that are approved to provide training in Paediatric Neurodisability

- Swansea/Neath Port Talbot (Abertawe Bro Morgannwg NHS Trust)
- Llantrisant (Cwm Taf NHS Trust) and
- Newport(Gwent NHS Healthcare Trust)

In the two year training programme
a) one year will be based within the Paediatric Neurodisability Service in either Swansea/Neath Port Talbot or Newport
b) six months will be spend doing paediatric neurology in either Morriston Hospital, Swansea or University Hospital if Wales, Cardiff
c) six months will be spent in another service in South Wales (Swansea/Neath Port Talbot, Llantrisant or Newport), although they may be spent in the original centre

The rotation can be tailored to the previous experience, training needs and interests of the trainee.

In Swansea, the trainee will be based in the Children’s Centre in Neath Port Talbot with an on-call commitment to Morriston Hospital. In Llantrisant, the trainee will be based in the Children’s Centre at the Royal Glamorgan Hospital with an on-call commitment there. In Newport, the trainee will be based at Eveswell Children’s Centre, Newport with an on-call commitment to the Royal Gwent Hospital.

At each centre there will be
a) weekly neurodisability clinics for both new patients and follow-ups.
b) epilepsy clinics
c) regular clinics in special schools and/or units and the opportunity to see children integrated in the mainstream. This will include medical assessments and formal advice to the LEA for children requiring statements.
d) specialist clinics for children with suspected Autistic Spectrum Disorder, Attention Deficit Disorder, developmental co-ordination disorder and feeding difficulties.
e) multidisciplinary assessment clinics
f) specialist joint orthopaedic, scoliosis, seating, orthotic, botox, ophthalmology, audiology, gastroenterology, PEG and genetics clinics
g) Training in the assessment of children with special sensory impairments
h) opportunity to follow through children for assessments at Bobath Cymru

There will be a regular sessional commitment to Child and Adolescent Psychiatry and the opportunity for attachment to the Learning Disabilities Directorate to work both with the Children’s Challenging Behaviour Team and the Transition Team. If required, some direct clinical training in paediatric palliative care can also be arranged. There will be opportunity to gain further training and experience in aspects of tertiary neurodisability including specialist communication clinics (for children requiring communication aids), environmental control, and artificial limb and appliance clinics. The trainee will be encouraged to follow newly referred children through their various assessments during the period of training.

During the paediatric neurology attachment there will be opportunity to gain experience in the management of acute and chronic neurological disorders both in inpatients and outpatients. There are regular dedicated clinics in epilepsy, adolescent epilepsy and muscle disease as well as other specialist clinics.
## West of Scotland

<table>
<thead>
<tr>
<th>Hospital / Centre</th>
<th>Placement Name</th>
<th>Duration (Months)</th>
<th>Educational Supervisor</th>
<th>Compulsory (C) or Optional (O)</th>
<th>Availability Guaranteed (Y/N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Southbank Child Centre, Glasgow</td>
<td>Child Development and Disability</td>
<td>12</td>
<td>Dr Alison Rennie <a href="mailto:alison.rennie@ggc.scot.nhs.uk">alison.rennie@ggc.scot.nhs.uk</a></td>
<td>C</td>
<td>Y</td>
</tr>
<tr>
<td>2 Fraser of Allander Neurosciences Unit RHSC</td>
<td>Paediatric Neurology</td>
<td>12</td>
<td>Dr Robert McWilliam <a href="mailto:robert.mcwilliam@ggc.scot.nhs.uk">robert.mcwilliam@ggc.scot.nhs.uk</a></td>
<td>C</td>
<td>Y</td>
</tr>
</tbody>
</table>

### Additional Information

The trainee's placements will be based in both Child Development Centres in Glasgow and the tertiary Neurology unit in the Royal Hospital for Sick Children, Yorkhill, Glasgow.

Optional 3rd Year of training could be tailored to meet the needs of the trainee, for further sub-specialty training, e.g. audiology / hearing impairment, motor disorders / therapeutic interventions (botulinum toxin, intra-thecal baclofen), head injury / rehabilitation.
National Grid Post in Neurodisability

Community Child Health Services
Fraser of Allander Neurosciences Unit
Child and Adolescent Mental Health Service
Royal Hospital for Sick Children, Glasgow

Glasgow is well placed to offer training in Paediatric Neurodisability (PND), due to the wide range of training experiences available through the 4 Child Development Centres, FoA Neurosciences Unit, and CAMHS services.

This post consists of a 2 year training period to attain the competencies as described in the RCPCH documents “Towards Special Responsibility for Paediatric Neurodisability” and “A Framework of Competences for Level 3 Training in Paediatric Neurodisability”. A third year would be available to provide further sub-specialty training to suit the needs of the trainee.

The trainee will be based in the Southbank Child Centre, under the supervision of the Consultant in Neurodisability. There is a full multi-disciplinary team with strong inter-agency links. The trainee will be expected to have their own caseload with a wide mix of children with disabilities and developmental problems. There would also be responsibility for special needs school work, which could include schools for complex needs, physical impairment, or moderate learning difficulties. The trainee will be expected to gain experience in associated clinics available within the Glasgow Campus, including clinical genetics, feeding clinic, gastroenterology, ophthalmology, audiology, and orthopaedic clinics. Child protection work, particularly in the field of disability, will be expected.

One year will be spent within the FoA Neurosciences Unit, to gain experience in all aspects of neurology / neurodisability including; epilepsy, neuromuscular disease, motor disorders, neuro-physiology and neuroradiology. During this time, the trainee will maintain clinics within the Child Centre to allow for continuity of patient follow-up.

Placement within CAMHS teams will be provided. This could include sessions within the learning disabilities team.

The trainee will be expected to complete the Sheffield Distance Learning Diploma in Neurodisability, and will be supported to do so. Research in a chosen field will be encouraged. One audit or Clinical Governance project will be completed annually. Teaching of under and post-graduates in all disciplines will be expected. Protected learning time will be provided.

Out of hours on call commitment will be within the general paediatric receiving rota of the Royal Hospital for Sick Children, Glasgow.

For further information, please contact:

Dr Alison Rennie, Consultant in Neurodisability.
0141 201 0908
alison.rennie@ggc.scot.nhs.uk
# Yorkshire and the Humber Deanery (West)

<table>
<thead>
<tr>
<th>Hospital / Centre</th>
<th>Placement Name</th>
<th>Duration (Months)</th>
<th>Educational Supervisor</th>
<th>Compulsory (C)</th>
<th>Optional (O)</th>
<th>Availability Guaranteed (Y/N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1  Leeds Children's Hospital</td>
<td>Neurodisability / Neurology</td>
<td>12</td>
<td><a href="mailto:michael.clarke@leedsth.nhs.uk">michael.clarke@leedsth.nhs.uk</a></td>
<td>C</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>2  Bradford Royal Infirmary</td>
<td>Neurodisability</td>
<td>6</td>
<td>kate'<a href="mailto:wildig@bradfordhospitals.nhs.uk">wildig@bradfordhospitals.nhs.uk</a></td>
<td>C</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>3  Dewsbury District Hospital</td>
<td>Neurodisability</td>
<td>6</td>
<td><a href="mailto:vijay.sharma@midyorks.nhs.uk">vijay.sharma@midyorks.nhs.uk</a></td>
<td>O</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>4  Pinderfields Hospital</td>
<td>Neurodisability</td>
<td>6</td>
<td><a href="mailto:shoba.sivaratnam@midyorks.nhs.uk">shoba.sivaratnam@midyorks.nhs.uk</a></td>
<td>O</td>
<td></td>
<td>Y</td>
</tr>
</tbody>
</table>

**Additional Information**

Placements in Leeds Neurodisability, Leeds Neurology and Bradford Neurodisability, with additional possible placements in Dewsbury and Pinderfields Neurodisability services.

Dr Michael Clarke is supervisor for scheme as a whole
Job Description/Training Programme Paediatric Neurodisability

BACKGROUND
Paediatric Neurodisability is recognised as a sub-specialty of Paediatrics.

Training within Yorkshire at Child Development Centres, Special Schools, and with the Regional Paediatric Neurology Service based at the Leeds General Infirmary and with Child Psychiatry provides sufficient experience and training for Specialist Registrars to acquire key competencies in diagnosis, assessment, and management of children and families with Neurodisability. The program provides appropriate experience and training and will lead to acquisition of both generic and special interest competencies in Neurodisability including multidisciplinary team working, communication, transition planning, and service development.

Each trainee will rotate through one or two Child Development and Neurodisability Services and the regional Paediatric Neurology Service.

The Child Development Services in Leeds, Bradford, Wakefield, Pontefract, and Dewsbury either alone or with partner child development services are able to provide appropriate experience and training.

OUTLINE OF THE TRAINING SCHEME
The purpose of the scheme is to enable the trainee to practise as a Consultant Paediatrician providing clinical leadership in Neurodisability for local and secondary Paediatric Services.

Training placements include two placements totalling eighteen months in a Child Development and Disability Service and six months within Paediatric Neurology.

The two periods in the Child Development Service can be either in the same service or two different services depending on the trainee’s needs.

During the two year training period there will be a sessional commitment to Child and Adolescent Psychiatry equivalent to three months full time to follow up children and families by the Neurodisability trainee provided by Child Psychiatrists. This is an essential component of the training program.

The trainee will fully participate in the on call rota and where possible 6-12 months of this will be in general paediatrics.

OPPORTUNITIES FOR OBSERVATION
There are opportunities to observe at the following clinics:-

i. Clinical Genetics
ii. Feeding Disorders clinic
iii. Paediatric Ophthalmology
iv. Paediatric Audiology/ENT
v. Paediatric Orthopaedics
vi. Botulinum Toxin Clinics

a) Clinical Content
During the two year rotation the trainee will gain competency in the assessment and management of the following clinical conditions:

i. Learning Disability (severe and moderate)
ii. Autism
iii. Specific Learning Disabilities
iv. Neurobehavioural disorders e.g. ADD
v. Cerebral Palsy
vi. Vision/Hearing Impairment
vii. Epilepsy
viii. Acquired Brain Injury
ix. Medical management of Neurodisability and management of the complications of disability

b) Core Competencies
For generic competencies to be acquired and developed during training and in addition to clinical assessment and management of the conditions noted above include:-

- Sharing reviews
- Goal setting
- Cross agency working
- Attending and participating in team meetings
- Team working
- Service development/evaluation
- Involving parents and children in Service Development and Quality Assurance
- Managing transitions
- Principles of audit and research
- Teaching to medical and non-medical learners
- Report and letter writing
- Child Protection and Disability
- Understanding the effects of Disability in daily living and participation in society

c) Participating Child Development/Neurodisability Services
- Bradford Teaching Hospitals NHS Foundation Trust
- Wakefield PCT
- Leeds PCT

EDUCATIONAL SUPERVISION
Trainees will have an Educational supervisor in each post. Dr Clarke will have overall supervision

PROVISIONAL TIMETABLE
(will vary between services)

<table>
<thead>
<tr>
<th>MONDAY</th>
<th>AM</th>
<th>PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neurodisability follow-up</td>
<td>Liaison</td>
<td></td>
</tr>
<tr>
<td>TUESDAY</td>
<td>Neurodisability new patient</td>
<td>Team meeting</td>
</tr>
<tr>
<td>WEDNESDAY</td>
<td>Specialist clinic</td>
<td>CPD</td>
</tr>
<tr>
<td></td>
<td>(for education panel)</td>
<td></td>
</tr>
<tr>
<td>THURSDAY</td>
<td>School*</td>
<td>Administration</td>
</tr>
<tr>
<td>FRIDAY</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* It is planned that the trainee will have attachments to 2 different special schools during the course of training.
# Yorkshire and the Humber Deanery (South)

<table>
<thead>
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<th>Availability Guaranteed (Y/N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Sheffield Children’s Hospital</td>
<td>Neurodisability</td>
<td>24</td>
<td>Dr Sue Gentle <a href="mailto:sue.gentle@sch.nhs.uk">sue.gentle@sch.nhs.uk</a></td>
<td>C</td>
<td>Y</td>
</tr>
</tbody>
</table>

**Additional Information**

This is a 2 year full time equivalent post available at 0.5 WTE as there is currently another LTFT trainee in the post who has yet to complete their training.

Further details of the programme can be obtained from Dr Sue Gentle - sue.gentle@sch.nhs.uk or Dr Porus Bustani is Deputy Programme Director leading on grid recruitment.
SHEFFIELD PROGRAMME FOR HIGHER SPECIALIST TRAINING IN PAEDIATRIC NEURODISABILITY

We are pleased to outline the Sheffield Programme for consideration by the CSAC. We have reviewed the RCPCH Training pack for Paediatric Neurodisability in detail and are confident that our Programme fulfils the specifications described. We would hope to be able to take a Neurodisability trainee from August 2011.

We envisage a Modular programme, though would hope to retain some flexibility in this, so as to accommodate the particular interests of individual Trainees, working within the defined syllabus.

Attachments in the programmes would include:-

- **Paediatric Neurodisability** – a 15 month full time equivalent attachment to the Child Development Centre, with the opportunity for continuity of follow-up of patients and with regular clinics and regular participation in multi-disciplinary assessments. There would be a wide range of clinical exposure. Our service meets the specifications described in the syllabus.

- **Paediatric Neurology** - 6 months full time equivalent. This is likely to be undertaken as a block, though there may be the opportunity for additional clinics outside this time.

- **Child & Adolescent Psychiatry** – 3 months full time equivalent. We have debated this in detail with our colleagues in CAMHS and with their Programme Director. We are mindful of the advice re a long term sessional commitment but are advised that this training can best be delivered locally by means of a 6/12 half time attachment plus additional input from our Dual Diagnosis Team (specialist service for children with learning disabilities, which is clearly relevant).

- **Other Clinics** – Sheffield Children’s Hospital is a Tertiary Teaching Centre and we could offer opportunities for observation of clinics. Covering all those suggested in the Programme requirements plus others, notably the follow-up clinic for infants discharged from the Supraregional Neonatal Intensive Care Unit.

- **On-Call Duties** – 18 person full shift rota at Sheffield Children’s Hospital.

Unique to Sheffield is the Distance Learning Course in Paediatric Neurodisability. We would envisage that any grid trainee would be enrolled on this course in the next available cohort after taking up a post in Sheffield. This has been approved by Sheffield Hallam University as an MSc.

The named Training Lead would be Dr Sue Gentle, Consultant Paediatrician, who would work in close collaboration with Dr Porus Bustani, Programme Director, with Dr Val Harpin, Consultant Paediatrician and Dr Neil Harrower, Consultant Paediatrician and with clinical colleagues in the Sheffield Children’s NHS Foundation Trust.