

## **NEW ACADEMIC POST IN NEONATAL MEDICINE IN GLASGOW**

The Women and Children's Directorate of the GG&C Health Board, and the Division of Developmental Medicine of the University of Glasgow, wish to appoint an academic neonatologist to develop and lead a research programme in collaboration with clinical scientists with allied interests in the biology and pathology of early life. Glasgow is a major centre for neonatal and fetal medicine. Clinical services and academic departments are co-located alongside university departments, research laboratories and investigations suites on three sites, offering attractive opportunities for clinical, basic science, epidemiological and health service research.

### **Clinical Neonatology in Glasgow**

Neonatal paediatric services in Glasgow are divided between the Queen Mothers Hospital (QMH) at Yorkhill, the Princess Royal Maternity Hospital (PRM) at the Glasgow Royal Infirmary and the Southern General Maternity Hospital (SGM). The QMH delivers 3,600 babies per year and is next to the Neonatal Intensive Care Unit (NICU) of the Royal Hospital for Sick Children (RHSC). The QMH contains the Ian Donald Fetal Medicine Unit which provides diagnostic and interventional fetal therapy for Scotland. The RHSC is the major paediatric hospital in Scotland with all paediatric specialities and several national services on site, including neonatal cardiac surgery, ECMO, neonatal airway surgery, Vein of Galen treatment (UK/European service) and Congenital Diaphragmatic Hernia network. The regional clinical genetics service and perinatal pathology department are also part of the Yorkhill campus. The PRM is a tertiary neonatal unit with 5,600 deliveries per year, with many high-risk pregnancies. The integrated on-site service includes a maternal Fetal Medicine Unit and is the location of the academic Department of Obstetrics and Maternal Medicine. The SGH campus is undergoing significant redevelopment. Services currently provided from Yorkhill will relocate to a new Neonatal unit and Fetal Medicine suite in 2010, with the adjoining new Children's Hospital opening in 2013. Deliveries will increase from 3,600 to 5,500 and most regional NICU care will be provided in this 34 ITU/HD cot unit.

### **Academic Paediatrics and Child Health**

The Glasgow University Department of Child Health is responsible for the teaching of paediatrics and child health to undergraduate medical students and has research programmes in Paediatric Gastroenterology, Hepatology and Nutrition; Paediatric Endocrinology; Paediatric Respiratory Disease; Paediatric Epidemiology and Community Health; and Paediatric Rheumatology. Child Health has close links with the other four University sections on the Yorkhill site - Human Nutrition, Reproductive & Maternal Medicine, Medical Genetics and Surgical Paediatrics. Together these departments are partners in the Division of Developmental Medicine and collaborate with several NHS Departments with strong research programmes. Child Health shares laboratories with Human Nutrition, and has a special interest in the use of stable isotopes and molecular methods, working in partnership with the Scottish Universities Environmental Research Centre. See <http://www.gla.ac.uk/departments/childhealth/researchinterests/>

### **Research Strategy and Opportunities**

The research strategy of the Division of Developmental Medicine is to understand the genetic-environmental interactions which underpin the physiology of normal and disordered growth and development, how they impact on health in infancy, childhood, pregnancy and adulthood, and to apply this knowledge to prevent, detect, and treat disease throughout the life course. Research is focused within two themes of major public health and clinical importance: Obesity and Disordered Metabolism, and the Biology and Pathology of Early Life. There are wide and rich opportunities for research, not only in collaboration with Child Health, but also in partnership with other sections of Developmental Medicine, and with other Divisions of the Faculty of Medicine. See <http://www.gla.ac.uk/departments/developmental/researchstrategy/>

This post is likely to attract an established academic neonatologist or an academic trainee ready to take up such a post. The job plan, terms of employment and allocation of clinical and research sessions will be determined in the light of the experience and interests of the appointee. For further information please contact: Dr Jonathan Coutts at [jonathan.coutts@ggc.scot.nhs.uk](mailto:jonathan.coutts@ggc.scot.nhs.uk) and/or Prof Lawrence Weaver at [lweaver@clinmed.gla.ac.uk](mailto:lweaver@clinmed.gla.ac.uk)