

## REGIONAL FELLOWSHIP VACANCIES

The National Institute of Academic Anaesthesia's **Health Services Research Centre (HSRC)** and the **Royal College of Anaesthetists (RCoA)** seek to appoint clinical research fellows to work on high profile programmes in health services research related to anaesthesia and perioperative medicine. Successful candidates will gain exposure to HSRC and RCoA-led national research projects and quality improvement programmes, opportunities for academic publication and conference presentations and develop leadership and management skills.

These posts have been made possible thanks to the generous support of the hosting hospitals around the country. They are intended to support the work the HSRC and support trainees wishing to gain (further) experience in research. Each of the posts has a limited, non-training, clinical commitment which supports clinical service delivery in the hospital. Outside of this time the fellow will be supported in their work on an HSRC-related project – see below for details.

Academic/HSRC support may be from an individual at the same institution, or it may be from a member of the HSRC team based elsewhere. While some host hospitals may have a senior project lead working onsite (e.g. the NELA Chair at James Cook), **there is no direct correlation between projects and posts.**

Candidates must express their geographic and project preferences when applying and these will be considered when ranking successful candidates. All fellows are expected to contribute to the collective work of HSRC. Candidates must be registered with the GMC and eligible to work in the UK at the time of appointment.

**The posts will commence in February or May 2018 or as soon as possible thereafter. Latest possible start date: 1 August 2018. All start dates and placements are subject to negotiation between host hospitals and successful candidates.**

The posts are for one year in the first instance, but there are possibilities of extending should that suit the fellow, HSRC and the local institution. Employment will be through the local institutions, with an agreement with the Royal College of Anaesthetists about HSRC related roles and responsibilities.

Fellows are encouraged to register for higher degrees though this is not essential. Posts may be eligible for out-of-programme accreditation, HSRC will support fellows in this process, but approvals are dependent on the fellow's personal context and agreement from the relevant training bodies.

### How to apply

If you are interested in these posts, please submit the following to [hsrc@coa.ac.uk](mailto:hsrc@coa.ac.uk):

1. CV with contact details for two referees and confirmation of eligibility to work in the UK
2. Covering letter which must indicate:
  - o Which geographical location(s), in order of preference, you would like to be considered for
  - o Which of the project(s) on offer, in order of preference, that you would be willing to work on

**Closing date for applications:** 5pm on Wednesday 29 November 2017

**Interview date:** Monday 18 December 2017 RCoA, London

Reasonable travel expenses will be covered for candidates attending interview. General queries on these fellowships can be submitted to [hsrc@coa.ac.uk](mailto:hsrc@coa.ac.uk); specific queries related to posts can be sent to the email addresses provided below.

## Posts Summary

Host Hospital	Level of experience required	Rota covered
Colchester General Hospital	<ul style="list-style-type: none"> <li>ST3+; anaesthesia and ICM</li> </ul>	<ul style="list-style-type: none"> <li>ICU and anaesthesia</li> </ul>
James Cook University Hospital, Middlesbrough	<ul style="list-style-type: none"> <li>Senior trainee (ST5-7 or post-CCT)</li> </ul>	<ul style="list-style-type: none"> <li>Senior anaesthetic or Consultant anaesthetic rota, depending on experience and service requirements. May be the option of no on-call commitment.</li> </ul>
Nottingham University Hospitals (2 posts)	<ul style="list-style-type: none"> <li>Senior trainee (ST5-7 or CCT)</li> <li>ST3+; anaesthesia (airway)</li> </ul>	<ul style="list-style-type: none"> <li>Senior anaesthesia</li> <li>Junior critical care</li> </ul>
Private Hospitals, London	<ul style="list-style-type: none"> <li>ST3+; anaesthesia (airway)</li> </ul>	<ul style="list-style-type: none"> <li>Critical care at London Clinic / Princess Grace</li> </ul>
Royal United Hospitals Bath	<ul style="list-style-type: none"> <li>Senior trainee (ST 5-7 or CCT)</li> </ul>	<ul style="list-style-type: none"> <li>Senior Anaesthesia third on-call rota – supervising junior trainee covering theatres, intensive care and obstetrics</li> </ul>
St George's Hospital, London	<ul style="list-style-type: none"> <li>Senior trainee (ST5-7 or CCT)</li> <li>ST3+; obs on-call competent</li> </ul>	<ul style="list-style-type: none"> <li>Senior anaesthesia</li> <li>Obstetric anaesthesia</li> </ul>
University College London Hospital	<ul style="list-style-type: none"> <li>Senior trainee (ST5-7 or CCT)</li> </ul>	<ul style="list-style-type: none"> <li>Senior Reg or Obs rota</li> </ul>

## Hospital Details

### Colchester General Hospital

This post will have the principal responsibility of supporting the Anaesthetic Department and the post holder will be expected to take part in the out of hours on-call rota. All rotas are EWTD compliant with a frequency of no greater than 1 in 8. The successful candidate would be expected to principally participate on rotas for ICU, theatres and obstetric ward. Responsibilities will include the supervision of junior staff, teaching and training and participation in departmental governance and quality improvement meetings. The successful applicant will be released from a minimum of 40% of normal daytime clinical activities to participate in academic research supervised centrally.

**Queries:** Should you wish to visit the hospital, please make the necessary arrangements through the Anaesthetic Department, Peter Bishop, or Hasanthi Gooneratne. Colchester General Hospital. Telephone: 01206 742349

### James Cook University Hospital, Middlesbrough

James Cook University Hospital is a 1000 bed tertiary teaching hospital and major trauma centre based in Middlesbrough (and only 10 miles from the North Yorkshire Moors!). The anaesthetic department consists of 75 consultants (including 8 military) and 2 SAS grade doctors. In addition, there are 34 trainees in anaesthesia who rotate within the Northern School of Anaesthesia, part of the Northern Deanery. We routinely train to the standard required for CCT in all subspecialties, except anaesthesia for transplant surgery, major burns, neonatal surgery and some specialist paediatric surgery. There is a variety of additional academic activity undertaken, including other fellows (e.g. research, helicopter, and education fellows). Dr Dave Murray, NELA chair, is also based at JCUH.

The clinical commitment will be to cover the senior trainee rota which is approximately 1:7-1:9 covering general theatres, and support and supervision of junior trainees covering theatres and obstetrics. ITU is covered as a separate rota. All rotas are EWTD compliant. There is also a service commitment to provide anaesthesia for major surgery, with opportunity to tailor this to the fellow's particular specialist interest to enable them to build expertise in a particular area. Educational support and supervision will also be provided. Post-CCT fellows may also have the opportunity to participate in the consultant rota. We are also likely to be able to accommodate applicants who would prefer to have no on-call commitment, in which case the service commitment will just be to cover major surgery. We can accommodate start dates prior to August 2018.

**Queries:** General enquiries about the job or for an informal discussion about this post should be directed to Dr Dave Murray. Email [dave.murray1@nhs.net.uk](mailto:dave.murray1@nhs.net.uk).

## Nottingham University Hospitals

Nottingham University Hospitals NHS Trust is the principal provider of acute general, specialist and tertiary hospital care to the population of Nottingham, receiving 98 per cent of all elective and urgent referrals from primary care trusts in Nottinghamshire. We currently have 2,100 hospital beds. NUH is the East Midlands Major Trauma Centre.

Critical care and anaesthesia are part of the Specialist Support directorate, which incorporates critical care, anaesthesia, theatres, pain and sterile services across NUH. Across the two campuses there are a total of 49 operating theatres. All surgical specialties are covered between the two campuses. There are approximately 100 consultant anaesthetists and 50 trainees.

There are 3 distinct adult critical care areas managed by specialist support across the Trust on two campuses. On the Queen's campus the critical care area is divided into a 21-bedded Intensive Care (level 3 beds) and the current 20-bedded level 2 high dependency area. Around 1100 patients per year are admitted to the QMC ICU and approximately 1350 to the Level 2 area.

The Clinical Departments of Anaesthesia and Critical Care maintain close links with the University Department headed by Professor Jonathan Hardman. The Clinical and University departments collaborate to provide teaching for undergraduates in addition to all grades of anaesthetic trainees.

- **ICU-based fellow**

The successful applicant will need to be from an anaesthesia (airway) background. They would need to be anaesthesia, ST3+ and we would need them to do one weekday shift and the full afterhours on call, which works out to 1:8 nights.

- **Anaesthesia-based fellow**

The successful applicant will be taking part in the senior out-of-hours on call rota covering the QMC (major trauma) site. They will need to be ST5+ The rota is 1:8 (nights and weekends)

**Queries:** General enquiries, about the job or for an informal discussion about this post should be directed to Dr Myles Dowling (anaesthesia) at [myles.dowling@nuh.nhs.uk](mailto:myles.dowling@nuh.nhs.uk) or Dr Mark Ehlers (ICU) at [mark.ehlers@nuh.nhs.uk](mailto:mark.ehlers@nuh.nhs.uk).

## Private Hospitals, London

The fellow will commit 36 hours a week to a position as a critical care fellow on the Intensive Care Unit at the Princess Grace Hospital under the supervision of Dr David Walker (UCLH).

## Royal United Hospital, Bath

Royal United Hospital Bath is a busy DGH in the south west of England. The department of anaesthesia and intensive care is a well-regarded department nationally and a popular rotation in the Severn school of anaesthesia,. It undertakes all major surgery with the exception of transplant, cardiac, thoracic, vascular, major hepatobiliary and neurosurgery. It has a particularly busy emergency general surgery workload and is a leading trust on improving management of patients undergoing emergency laparotomy. The department also has a very active research programme, under the leadership of Professor Tim Cook and in particular leads on many airway related projects. The QI Faculty of the department has also developed over the last 2 years, offering formal nationally recognised training and project development.

The post will involve a service commitment to provide clinical anaesthesia for elective surgery with the possibility to tailor sessions to the fellow's particular specialist interest. The successful candidate will also participate in the 1:8 registrar third on-call rotas, which covers the junior trainees working in emergency theatres, labour ward and intensive care out of hours. Educational support and

supervision will also be provided. The successful applicant will be released from a minimum of 40% of normal daytime clinical activities to participate in academic research supervised centrally.

General enquiries, about the job or for an informal discussion about this post should be directed to Dr Lesley Jordan. Email [lesleyjordan1@nhs.net](mailto:lesleyjordan1@nhs.net)

## St George's Hospital

St Georges Hospital is a large London teaching hospital providing a wide range of high-risk surgery across numerous specialties. This post will offer the fellow the opportunity to work with a number of leading clinicians in safety and quality improvement. The fellow will also be able to attend clinical sessions in pre-operative assessment and high-risk surgery theatre lists. The post is a 1:8 full shift rota, either covering obstetrics or general on call commitments.

This post is intended for senior trainee anaesthetists, or those with CCT who want to enhance their CV by developing further clinical experience. Possession of the final FRCA examination or equivalent is required and previous experience of a system similar to the NHS essential.

He or she will also carry out anaesthetic duties at a level appropriate to clinical experience and competence, which will also determine the degree of supervision. It is the aim of the post to help prepare the anaesthetist for taking on the responsibility of becoming a consultant, within a safe environment in which advice and support are readily available.

**Queries:** General enquiries, about the job or for an informal discussion about this post should be directed to Dr Carolyn Johnston. Email [carolyn.johnston1@nhs.net](mailto:carolyn.johnston1@nhs.net).

## University College London Hospital

UCLH is a central London teaching hospital and NHS foundation trust. The department of anaesthesia and perioperative medicine is regarded as a centre of excellence for supporting clinical academics. It undertakes all major surgery with the exception of transplant, cardiac, hepatobiliary and neurosurgery, and has a particular focus on major upper and lower GI, head and neck, gynae, thoracic and urological cancer surgery. The labour ward has 7,000 deliveries a year including higher risk cardiac and haematological patient groups.

The successful applicant will be offered some daytime clinical work, and to join one of the 1:9 registrar on-call rotas, which cover the emergency theatres and labour ward out of hours.

General enquiries, about the job or for an informal discussion about this post should be directed to Dr Raman Verma or Dr Elisa Bertoja.

**Queries:** General enquiries to [raman.verma@uclh.nhs.uk](mailto:raman.verma@uclh.nhs.uk) and [elisa.bertoja@uclh.nhs.uk](mailto:elisa.bertoja@uclh.nhs.uk)

## Projects Available

### Big Data

The fellow will be supervised by Professor Iain Moppett either locally in Nottingham or at another host institution, to develop the 'big data' workstream of the HSRC. There are two related areas of work:

1. Understanding and describing geographical variation in surgical process and outcome, using publically available (or easily sourced) data on hospital structure, processes and surgical outcomes.
2. Using national statistics (HES) to describe the healthcare use of patients before and after major surgery.

Full training in data visualisation and statistical analysis tools (mainly the R statistical package) will be given. The projects will suit people interested in seeking patterns in numbers and how to present these patterns in a meaningful way to a variety of audiences.

## National Emergency Laparotomy Audit (NELA)

The fellow will be supervised by members of the NELA team (Dr Dave Murray, Dr Sarah Hare, Dr Carolyn Johnston, Dr Moonesinghe) either locally at St George's (Dr Johnston), South Tees (Dr Murray) or UCL (Dr Moonesinghe) or at another host institution.

The fellow will be a full member of the NELA Project Team (meetings monthly) and clinical reference group (three times per year) and will be invited to meetings of the HSRC executive management board (eight times per year). Additional attendance will be expected as able at meetings related to data analysis, quality improvement and report preparation among others. These meetings and other experience of being a fellow within the NIAA Health Services Research Centre will provide invaluable experience in management and leadership as well as their education in research methodology and quality improvement through the core project.

The post will involve analysis of the relationships between patient risk factors, hospital structures, clinical processes and patient outcomes. The fellow's responsibilities will include data analysis, report and manuscript writing, and presentations at local, regional and national meetings. They will also contribute to the overall strategy of the programme, communicate with local investigators and support professional engagement at local level.

## Obstetric Anaesthetists' Association

The fellow will be supervised by Dr Moonesinghe either locally at UCL or at another host institution. Clinical input will be provided by Dr Nuala Lucas and Dr Felicity Plaat.

The fellow will be leading the development of a SNAP-style audit related to obstetric anaesthesia. Obstetric patients have largely been excluded from the previous SNAP audits. The National Sentinel Caesarean Section Audit undertaken by the RCOG in 2000 included significant amount of anaesthetic observational data that is still quoted and used today!

The fellow will be supported throughout the process. Key aspects of the fellowship will include: literature review; developing a meaningful, relevant and achievable set of questions to be asked; starting the regulatory and approvals process; seeking project funding. It is expected that the ensuing project will start and finish beyond the first year of a fellowship, and so this post may particularly suit an individual looking for more than one year as a fellow.

## Paediatrics

We are seeking to appoint one fellow who will undertake health services research in paediatric perioperative care. This work will be undertaken under the supervision of Dr Ramani Moonesinghe and the paediatrics posts will be supported through collaborative working with clinical experts in paediatric anaesthesia. Work will focus initially on the measurement and improvement of the quality of care for children undergoing emergency abdominal surgery.

## Perioperative Quality Improvement Programme (PQIP)

The fellow will be a full member of the PQIP project team (meetings monthly) and clinical reference group (three times per year) and will be invited to meetings of the HSRC executive management board (eight times per year). Additional attendance will be expected as able at meetings related to data analysis, quality improvement and report preparation among others. These meetings and other experience of being a fellow within the NIAA Health Services Research Centre will provide invaluable experience in management and leadership as well as their education in research methodology and quality improvement through the core project.

The post will involve analysis of the relationships between patient risk factors, hospital structures, clinical processes and patient outcomes. The fellow's responsibilities will include data analysis, report and manuscript writing, and presentations at local, regional and national meetings. They will also contribute to the overall strategy of the programme, communicate with local investigators and support professional engagement at local level.

## Quality Improvement

The fellow will work with Dr Carolyn Johnston either locally at St George's or at another host hospital.

The primary project will be revising the 'Audit Recipe Book'. The Audit recipe book is available in every anaesthetic department across the country and continues to be a resource consulted by trainees and the wider membership at all levels of their career. The project is to co-ordinate a revision of the 2012 edition, bringing more quality improvement methodology into the audits, and more effectively linking the audits with other RCoA initiatives such as SNAPs, NAPs, NELA, PQIP and the Anaesthesia Clinical Services Accreditation scheme. This will involve working closely with colleagues at the RCoA, editors Drs Johnston & Colvin and Professor Peden, and chapter authors to create an up-to-date, relevant resource both online and in print, for anaesthetists and anaesthetic departments seeking to improve quality of care.

## Supervision, Appraisal, Revalidation and Performance Management

### Clinical Supervision

This will be the responsibility of the Trust, in accordance with usual training requirements (a named educational supervisor, and direct or indirect supervision as appropriate for all clinical duties).

### Academic supervision

A named academic supervisor will be responsible for the non-clinical work undertaken by the candidate. As they may not be geographically co-located with the candidate, a local academic mentor will also need to be named by the Trust, to provide local support if required. Ideally this mentor should have some experience of research, improvement science, or working with the RCoA or HSRC.

### Appraisal, revalidation and performance management

The appointed candidate will require annual appraisal: if they hold a UK training number this would be via the ARCP process; if not, the Trust should be responsible for supporting them in having an annual appraisal. Performance management of clinical duties will be conducted in keeping with usual Trust/GMC and training policies. The policy for performance management of duties undertaken for the RCoA / HSRC will be detailed in the MOU.

### Leave

**Annual, sick, parental, compassionate and carers leave** should be in keeping with the Trust's usual policies. **Study leave** should be in keeping with usual training requirements - i.e. 30 days per year. **Approval for study leave is at the discretion of the Trust.**

### Expenses

All **travel expenses** for work undertaken for the RCoA and HSRC will be refunded by the RCoA in accordance with its expenses policy. **Relocation expenses** will be met by the candidate.