

ACF Platform Science and Bioinformatics Programme Details in conjunction with the University of Manchester

Recruitment to posts starting in August 2022

Post availability

There is one post available in either Clinical Oncology or Obstetrics and Gynaecology.

- Clinical Oncology – You can apply at ST3 level in this round of recruitment.
- Obstetrics and Gynaecology – You can apply at ST1, ST2 or ST3 level in this round of recruitment.

There is an additional post available in either Obstetrics and Gynaecology, Ophthalmology or Clinical Oncology.

- Obstetrics and Gynaecology – You can apply at ST1, ST2 or ST3 level in this round of recruitment.
- Ophthalmology – You can apply at ST1, ST2 or ST3 level in this round of recruitment.
- Clinical Oncology – You can apply at ST3 level in this round of recruitment.

Please note if you are appointed at ST1 or ST2 level, you will be placed in an appropriate Core Medical Training track until you reach ST3 level.

Overview

You can find generic information about Academic Clinical Fellowships in the North West plus links to the National Institute for Health Research's guidance via <https://www.nwpgmd.nhs.uk/nih-academic-clinical-fellowships-glance>

Academic Training

The Obstetrics and Gynaecology ACF programme in Manchester offers two research areas for ambitious high-quality trainees who wish to pursue clinical academic careers in either maternal and fetal health or gynaecological oncology. Trainees must state their preference at time of application and if successful will be allocated to clinical and/or basic science supervisors within either specialty. The department has ~15 clinical academic trainees at varying stages of their training at any one time which provides an excellent collegiate atmosphere that is very supportive and successful at propelling academic clinical fellows through the NIHR process.

Research Areas / Research Environment

Academic Obstetric training

Academic Obstetric training can take place in fetal medicine, maternal medicine, stillbirth, reproductive medicine and placental basic science. Obstetric academic fellows are hosted within the Manchester Maternal and Fetal Health Research Centre (MFHRC) The centre is a unique collaboration between the University of Manchester, Action Medical Research and Tommy's, the baby charity, but also receives significant funding from the MRC, BBSRC and BHF. The group is one of the largest obstetric research groups in Europe and is now internationally recognised as one of the most pre-eminent centres for reproductive biology research in the world. Principal investigators include Professors Jenny Myers, Ed Johnstone, Alex Heazell, Daniel Brison, Melissa Westwood & Drs Stephanie Worton, Lucy Higgins & Lizzy Cottrell.

Current major projects at MFHRC

- Hypertension in pregnancy research – NIHR-funded translational research clinic MAViS providing care for 400 women with hypertensive disorders per year; also recruiting to Giant PANDA (HTA), Baby PANDA (EME), PARROT-2 (Tommys) (CI Myers) – samples/data set of 800 pregnancies available
- Placental function research including access to the National Tommys Pregnancy biobank which includes blood, placental, endometrial and 1st trimester tissue for 'omic analysis

Opportunities for Gynae oncology research are led by Professors Emma Crosbie and Professor Richard Edmondson who have programmes of work investigating ovarian, cervical and endometrial cancer. They also have strong collaborative links within the Division of Cancer Sciences with access to expertise in a range of scientific areas and access to several national and international consortia.

Research Facilities

The University of Manchester has world class biological science and imaging research facilities research facilities. Depending on projects trainees have access to the University of Manchester's Platform Science facilities including state of the art "omic" technology platforms that examine the proteome, transcriptome, genome and metabolome. Imaging facilities include dedicated University of Manchester MRI and PET scan facilities and advanced training in (obstetric) ultrasound. In addition to the university scientific equipment trainees and researchers also have the benefit of embedded location within the Manchester Hospital Foundation Trust which is the largest obstetrics and gynaecology unit in the UK facilitating access to varied patient groups for research.

Clinical Training

You can find out more about the clinical training programmes in the North West via the following link - <https://www.nwpgmd.nhs.uk/specialty-schools>

Clinical person specifications can be found via the following link - <https://specialtytraining.hee.nhs.uk/Recruitment/Person-specifications>.

Useful Links

<https://www.oriel.nhs.uk/Web/Vacancies>

<https://www.nwpgmd.nhs.uk/nih-academic-clinical-fellowships-glance>

<https://specialtytraining.hee.nhs.uk/Recruitment/Person-specifications>

<https://www.nwpgmd.nhs.uk/specialty-schools>

<https://sites.manchester.ac.uk/maternal-and-fetal-health/>

<https://www.research.manchester.ac.uk/portal/emma.crosbie.html>

<https://www.research.manchester.ac.uk/portal/richard.edmondson.html>