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**Norwich Academic Foundation Programme**

**(UoA: Norwich)**

**To commence August 2020**

**INFORMATION FOR APPLICANTS**

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# **INTRODUCTION**

The Norwich Academic Foundation Programme (AFP) is part of Health Education East of England’s East Anglian Foundation School. It is a well-established and successful programme which, between 2009 and 2018, has seen over a hundred trainees join the Programme. Please see website links for more information on the [East of England Foundation School](https://heeoe.hee.nhs.uk/foundation), the [University of East Anglia](https://www.uea.ac.uk/norwichctu) (UEA) and [Norfolk and Norwich University Hospital Foundation Trust](http://www.nnuh.nhs.uk/) (NNUH). The Programme is well supported with UEA and NNUH and Year 2 trainees will be based in either the Norwich Medical School on UEA campus or the Bob Champion Research and Education Building (BCRE) on the NNUH site, with access to outstanding researchers and leading clinicians in their field.

All involved in the development, recruitment, and administration of the Programme are proud of what we offer and the trainees who join us. We encourage applications from talented candidates with academic potential who would like the opportunity to work in an academic environment or who are already committed to an academic career path. These posts will deliver the core competencies of Foundation Training and will be enhanced by an academic curriculum.

This pack contains information that will help you complete your application. In addition to the information you find here, please follow the links included throughout the document for further information. The East of England Foundation School manages the **application process** locally. Any queries related to application requirements, eligibility, Oriel, shortlisting or interview notifications, offers and similar should be directed to them. Email: recruitment.eoe@hee.nhs.uk The Academic Foundation Programme Director in Norwich is Professor Andrew Wilson. Please contact him on [a.m.wilson@uea.ac.uk](mailto:a.m.wilson@uea.ac.uk) with any queries related to the academic options or the overall programme. Alternatively, queries can be directed to the Clinical Academic Training Office (NATO) office. Email: [Norwich.ato@uea.ac.uk](mailto:Norwich.ato@uea.ac.uk)

The programme for foundation doctors starting in 2019 was fully subscribed at the 2018 interview and ten of the top twelve candidates were allocated to the Norwich programme.

The exit questionnaire from these trainees undertaking their foundation programme in 2017-18 all trainees stated that they would recommend the Norwich programme to a colleague or friend. One trainee was appointed as an academic clinical fellow and three trainees were appointed to run through training in emergency medicine surgery with the majority of the rest undertaking core medical training.

**Overview of the Academic Foundation programme Norwich**

**Why you should study at Academic Foundation Programme at Norwich?**

There are several reasons:

* Becoming well-versed in different research techniques, from basic science to epidemiology to clinical trials, means you will be a better doctor with a better grasp of how evidence for best practice is derived and how to interpret different types of evidence.
* The skills required in designing, developing and carrying out a research project are transferable to any field of medicine and will allow you to demonstrate effective organisational, leadership and teamworking abilities.
* Applying for grants, presenting at conferences and publishing your research allows you to develop the confidence to critically analyse your work and defend it during peer review, which is central to modern science and is a crucial skill for any NHS consultant.

Most of all, however, it's fun! Where else in your training will you have so many opportunities to travel all around the country (and around the world!) presenting your work, meeting and learning from a variety of different people from diverse backgrounds? Where else will you be given the space and time to develop your own research interest and develop means to find answers to your own research questions? Where else can you get the satisfaction of being awarded a grant or having a publication accepted?

The Norwich Research Park (NRP) provides an ideal location for the delivery of integrated academic training (IAT) programmes, given the extremely close links that exist between academic clinicians based at the [Norfolk & Norwich University Hospital](http://www.nnuh.nhs.uk/), and researchers based at the [University of East Anglia](http://www.uea.ac.uk/), [Institute of Food Research](http://www.ifr.ac.uk/), [The Earlham Institute (EI)](http://www.tgac.ac.uk/) and [The John Innes Centre](http://www.jic.ac.uk/corporate/index.htm). Nearly 90 per cent of our research was rated of international excellence in the latest (2008) Research Assessment Exercise, with over 50 per cent ‘world leading', and Norwich has the fourth greatest concentration of ‘most highly cited researchers' in the UK, after London, Oxford and Cambridge. With over 11,000 people, including 2,700 scientists, and an annual research spend of over £100 million, the Norwich Research Park has one of Europe's largest single-site concentrations of health research institutions. Each of these institutions boasts world-class facilities that allow various forms of research, including clinical trials, DNA sequencing and genome technologies, metabolomics, proteomics and bioimaging.

Today we have over 200 postgraduate students registered across research degrees in health and some 140 competitively funded, live medical research projects providing a stimulating research environment that includes practitioners and academics right across health and biomedical professions; as a postgraduate, you will find that it's right at the forefront of biomedical and health research. There is a full personal and professional development programme for all postgraduate research students on our [Graduate School webpage](http://www.uea.ac.uk/health/graduate-school).

**Background**

A place on the Academic Foundation Programme offers the opportunity to spend protected time on academic research. At Norwich, this will be one four-month rotation during FY2. The remaining five rotations will be clinical attachments, during which clinical competencies must be met.

During their academic block, Foundation Year doctors have no clinical commitments but will be required to keep up with their training portfolios. This may include attendance at a clinic or a documented case discussion and will be outlined by your Department when you join it.

There are 12 posts available to start in August 2019. The following specialities represent the core placements that support our programme.

* Public Health/ Primary Care
* Respiratory/ Medicine for the Elderly
* Endocrinology
* Gastroenterology.

However, we are keen to offer academic training that is tailored to individual’s career aspirations and are happy to support other clinical programmes outside those identified above. This “choice” option has been available for 2 years and opportunities have been made available in haematology, orthopaedic surgery and dermatology.

There is one introductory teaching day per year ([Academic Foundation Doctor Training Programme](https://www.uea.ac.uk/medicine/academic-clinical-training/integrated-academic-training/academic-foundation-training-in-norwich/academic-foundation-doctor-training-programme)) and you can do this during F1 or F2 , and this is the formal introduction provided for the academic rotation.

**ACADEMIC ROTATIONS AND LEADS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme** | **Name** | **Role** | **Contact** |
| Primary care/ Public health | Professors Nick Steel and Max Bachmann | Consultant in public health (based at UEA) | [n.steel@uea.ac.uk](mailto:n.steel@uea.ac.uk)  m.bachmann@uea.ac.uk |
| Respiratory/Medicine for elderly | Professor Andrew Wilson | Consultant in respiratory medicine/head of AFP | a.m.wilson@uea.ac.uk |
| Endocrine | Dr Ahluwalia | Consultant in diabetes and endocrinology | rupa.ahluwalia@nnuh.nhs.uk |
| Gastroenterology | Professor Alastair Watson | Consultant in gastroenterology | alastair.watson@uea.ac.uk |

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| **PRIMARY CARE/ PUBLIC HEALTH** |
| **Overview** |
| The [Theme](https://www.uea.ac.uk/medicine/research/publichealth) has four groups ([Primary Care and Health Services](https://www.uea.ac.uk/medicine/research/publichealth/health-services-and-primary-care), [Epidemiology & Public Health](https://www.uea.ac.uk/medicine/research/publichealth/epidemiology-and-public-health), [Health Economics](https://www.uea.ac.uk/medicine/research/publichealth/health-economics) and the [Clinical Trials Unit](https://www.uea.ac.uk/norwichctu)). It also includes the [NIHR Research Design Service for East of England](http://www.rds-eoe.nihr.ac.uk/) and [Health Economics Consulting](http://www.healtheconomicsconsulting.co.uk/). This rotation for three F2s each year includes two posts of 4 months each in academic public health, and one of 4 months in academic primary care.  **Academic Staff:**   * Prof Nick Steel ([n.steel@uea.ac.uk](mailto:n.steel@uea.ac.uk)) * Prof Max Bachmann ([m.bachmann@uea.ac.uk](mailto:m.bachmann@uea.ac.uk)) * Prof Amanda Howe ([amanda.howe@uea.ac.uk](mailto:amanda.howe@uea.ac.uk))   **Research Component**  Our research typically involves members of several groups, combining state-of-the art research methods with expert knowledge in several clinical, public health and health service fields. In our research collaborations beyond the department we provide methodological expertise, especially in interdisciplinary health services research, health economics, clinical trials, clinical epidemiology and medical statistics. Our research addresses a wide range of clinical, health service and public health problems. We have particular strengths in research on the organisation and delivery of primary health care, including shared decision making and the analysis of primary care data, and the organisation of care and management of long-term conditions. Conditions of interest include diabetes, cardiovascular risk factors, smoking and addiction, musculoskeletal disease, HIV, tuberculosis, and respiratory disease. Much of our research entails investigating, or trying to change, the behaviour of members of the general population, patients, professionals and organisations.  We lead or collaborate on many clinical trials, with an emphasis on large scale pragmatic trials of complex health care interventions, often based in primary care, and usually including economic and qualitative research components. We collaborate on the [Global Burden of Disease](https://vizhub.healthdata.org/gbd-compare/) study, and on large cohort studies such as the [English Longitudinal Study of Ageing](https://www.elsa-project.ac.uk/). We also carry out evidence synthesis and meta-analytic studies which, in addition to influencing health policy and clinical practice, help identify gaps in current knowledge and priorities in future research. |
|  |
| **Department Academic Teaching/ Department Expectations**  During their four-month attachment, academic foundation year doctors will be embedded within thriving research environments. They will work on at least one specific research project and receive formal training relevant to the context of the chosen research. Key research knowledge and skills covered include:   * basic study design and critical appraisal * literature searching and review writing * basic data handling and statistical methods * report writing   The application of knowledge and skills is demonstrated as follows:   * You will undertake approximately two projects during your placement. These projects may include the opportunity to undertake literature review tasks, systematic reviewing, data analysis, and report writing. In general, these will involve an attachment to on-going studies undertaken within the Primary Care and Health Services Research Group. The aim is to complete 1-2 reports of which at least one should be prepared for publication and one for a conference presentation. * You will participate in the monthly Journal Club in association with the Norfolk NHS Public Health F2. You would be expected to present at least once at this journal club. * Presentation of work undertaken to the Regional Public Health F2 group (this group meets monthly for a half-day training session in Cambridge). * Teaching on our innovative MB BS programme, as follows (all delivered after suitable training):   + Acting as a PBL tutor on our undergraduate programme for one rotation (8 half-day sessions) or working as a Consultation Skills tutor   + Potential to undertake clinical skills teaching work – including prescribing seminars, or Clinical Case Based Discussions (so-called ‘long-case teaching) with year 3-4 Undergraduate students   + Potential to undertake research methods seminars to approximately 30-40 students; all material is pre-planned by the research methods team and covers:     - literature searching     - descriptive statistics [note this teaching is designed to consolidate your own learning in these areas]   + Assessment experience, in particular as an OSCE assessor.   **Lead Academic:** Professor Max Bachmann ([m.bachmann@uea.ac.uk](mailto:m.bachmann@uea.ac.uk)) |
| **RESPIRATORY/ ELDERLY CARE MEDICINE** |
| **Overview**  Within Norwich, there is a close collaboration between Respiratory Medicine (Resp Med) and Older peoples’ medicine (OPM). In particular both groups have a strong interest in idiopathic pulmonary fibrosis, Chronic Obstructive Pulmonary Disease (COPD), exercise in lung disease and pleural disease  **Academic Staffs:**   * Prof Andrew M Wilson ([a.m.wilson@uea.ac.uk](mailto:a.m.wilson@uea.ac.uk)) * Prof Yoon Loke ([y.loke@uea.ac.uk](mailto:y.loke@uea.ac.uk)) * Dr Helen May ([helen.may@nnuh.nhs.uk](mailto:helen.may@nnuh.nhs.uk)) * Dr Martyn Patel ([martyn.patel@nnuh.nhs.uk](mailto:martyn.patel@nnuh.nhs.uk)) * Dr Eleanor Mishra ([eleanor.mishra@nnuh.nhs.uk](mailto:eleanor.mishra@nnuh.nhs.uk)) * Dr Alagaratnam Niruban ([alagaratnam.niruban@nnuh.nhs.uk](mailto:alagaratnam.niruban@nnuh.nhs.uk))   **Research Component**  Andrew Wilson is currently applicant or co-applicant on grants totalling £8M including studies to evaluate therapeutic interventions in patients with pulmonary fibrosis, sarcoidosis, asthma and COPD. He is the chief investigator for two multi-centre clinical trials or investigational studies funded by the National Institute for Health Research (NHIR) with a third study in the final stages of review. These are supported by [Norwich Clinical Trials Unit](https://www.uea.ac.uk/norwichctu) and include:   * the [EME-TIPAC study](https://www.uea.ac.uk/eme-tipac/home) – a NIHR-EME funded clinical trial of co-trimoxazole therapy in 330 patients with idiopathic pulmonary fibrosis [https://www.uea.ac.uk/eme-tipac], * the [ARRISA-UK study](https://www.uea.ac.uk/arrisa-uk) – a NIHR HTA funded complex intervention in primary care involving identification of more than 10000 patients with at-risk asthma, flagging their electronic medical records and training practice staff how to manage their care. * the [TIPAL study](https://www.nihr.ac.uk/about-us/documents/board-and-panel-documents/hta/Outcomes%206-7%20Nov%202018.pdf) – a NIHR HTA trial which has been approved by the NIHR board and finance committee and will randomise 300 people with IPF to treatment with lansoprazole or placebo.   He is lead for the Prevention of Asthma Attacks theme for the [Asthma UK Centre for Applied Research](http://www.aukcar.ac.uk) (AUKCAR). AUKCAR is a network of sixteen Universities, NHS partners and other organisations working collaboratively across the UK, with the aim to optimise asthma management and prevent asthma attacks.  Recent previous trainees have undertaken systematic reviews of biomarkers in asthma, fatty acid supplementation in asthma and exercise in COPD. Others have undertaken primary research to assess the utility of impulse oscillometery in people with interstitial lung disease, quality of life assessment in people with sarcoidosis, in a qualitative study, the symptoms of breathlessness in people with pleural disease.  Current trainees and PhD students within Respiratory are assessing the role of exhaled breath biomarkers (including volatile organic compounds) in people with acute asthma and those with sarcoidosis, evaluating the role of methylphenidate in sarcoidosis associated fatigue, evaluating the barriers to palliative care referral for people with interstitial lung disease, evaluating impulse oscillometry in people with pulmonary fibrosis and evaluating patient related outcome measures in people with interstitial lung disease.  Yoon Loke is a Convenor of the Cochrane Adverse Effects Methods Group and a clinical pharmacologist specializing in systematic reviews of drug safety. His main interests include the adverse effects of inhaled corticosteroids, as well as prognostic scoring in community-acquired pneumonia.  Helen May along with Martyn Patel are specialty clinical research network leads for Ageing Research for the Eastern Region giving us support to do multi- centre portfolio studies and support other specialties with their research. Niruban Alagaratnam is research lead for the Older peoples’ medicine (OPM) department and works on several movement disorder studies. The OPM  team have research interests that  include deprescribing, hypertension, physiology of cardiovascular ageing, syncope, stroke, movement disorders, mental health, physical and mental comorbidities. Recent OPM participation in NIHR trials have covered dementia and hip fracture, deprescribing studies in collaboration with UEA, the acceptability of continuous glucose monitoring in patients with both Diabetes and cognitive impairment; postural hypotension in older people and memory impairment and depression in stroke disease; the introduction of a toolkit to the MDC clinic to improve both the diagnosis of Lewy Body dementia and the subsequent standard of care. An academic F2 doctor is able to benefit from the research generated by these projects and to participate in aspects of these research projects. Recent post holders have not only worked on their own projects, but also contributed significantly to materials presented at the national British Geriatric Society conference whilst still finding time to recruit patients direct to NIHR multi centre studies. A broad spectrum of experience!  The group currently have three Clinical Academic Chairs, two NIHR Doctoral Fellows, one NIHR Academic Clinical Fellow, one Clinical Research Fellow, two non-clinical PhD students, five Research Nurses and one Research Assistant.  The post holder will have access to:   * **Clinical research trials and studies:** At present there are four multicentre studies hosted by OPM and four studies hosted by respiratory. These offer the experiences only available by well-resourced large scale studies including electronic data capture, electronic case record forms and independent specialist monitors. In addition, the two departments are currently undertaking 20 single centre studies ranging from metagenomics of sarcoidosis lymph node biopsies to the qualitative and quantitative impact of introducing an Older Persons Emergency Department to the care of frail older adults presenting to acute hospital care, providing a wide choice of studies in which an academic F2 can be involved. * **Registers**: there are currently registers in stroke, TIA, hip fracture and interstitial lung disease. These provide opportunities for data analysis. * **Meta-analyses, Audit and Reviewing** **Journal Articles:** Researchers within Respiratory and OPM have experience undertaking meta-analyses, undertake audit regularly and frequently review articles for peer reviewed journals. This provides a resource for training in these areas.   **Department Academic Teaching/ Department Expectations**  During their four-month attachment, academic foundation programme trainees will be embedded within thriving research environments. They will work on a specific research project and receive formal training relevant to the context of the chosen research. Key research knowledge and skills covered:   * basic study design and critical appraisal * literature searching and review writing * basic data handling and statistical methods * report writing * Teaching on our innovative MB BS programme, as follows (all delivered after suitable training): * Acting as a PBL tutor on our undergraduate programme for one rotation (8 half-day sessions) or working as a Consultation Skills tutor * Potential to undertake clinical skills teaching work – including prescribing seminars, or Clinical Case Based Discussions (so-called ‘long-case teaching) with year 3-4 Undergraduate students * Potential to undertake research methods seminars to approximately 30-40 students; all material is pre-planned by the research methods team and covers:   + literature searching   + descriptive statistics [note this teaching is designed to consolidate your own learning in these areas] * Assessment experience, in particular as an OSCE assessor.   **Lead Academic:** Professor Andrew Wilson ([a.m.wilson@uea.ac.uk](mailto:a.m.wilson@uea.ac.uk)) |
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| **ENDOCRINOLOGY** |
| **Overview** |

The Directorate is the largest Diabetes & Endocrine service in the East of England, and one of the largest in the UK, and information on the services and quality markers in this [NHS University teaching hospital](http://www.nnuh.nhs.uk/), the associated [Norwich Medical School](https://www.uea.ac.uk/medicine) and [Biomedical Research Centre](https://www.uea.ac.uk/biological-sciences/research/biomedical-research-centre) at UEA, and a new functional and well-staffed Clinical Research and Trials Unit (CRTU) at these sites are available. The Directorate supports a full range of specialist and general clinical services, for a stable local population of 600,000, and a local diabetes population of 42,000 people with known and unknown diabetes (2011). There are active programmes for DAFNE, CSII, outreach services, primary care support, and mobile retinal screening, as well as among the largest and best described antenatal, paediatric and foot services in the UK. The Trust and UEA are part of the larger [Norwich Research Park](http://www.norwichresearchpark.com/) (NRP) which also includes the [John Innes Centre](http://www.jic.ac.uk/corporate/index.htm), the [Institute of Food Research](http://www.ifr.ac.uk/), the [Sainsbury Laboratory](http://www.tsl.ac.uk/) and [The Earlham Institute](http://www.tgac.bbsrc.ac.uk/) and houses over 30 science and IT based companies and is one of Europe’s largest  concentrations of research in Health, Food and Environmental Sciences. An analysis of the most highly cited scientists in the UK over the past 20 years reveals that Norwich is ranked 4th in the UK after London, Cambridge and Oxford. The Acute Trust and Directorate staff have a long history of clinical – basic science collaboration with colleagues across the NRP, and research in this Directorate is integrated with and fully supported by the East of England DRN.

**Research Component**

The Consultant team in the [Elsie Bertram Diabetes Centre](http://www.nnuh.nhs.uk/dept.asp?ID=158) are the most research active Directorate in this large University Teaching Hospital and offer a substantial range of expertise and in depth support for academic and industry associated studies. Since the original diabetes research unit (DRU) opened in 1995 (since  moved into the CRTU) the diabetes team have undertaken more than 60 research studies with industry, or externally funded with local and UK collaborators. The research team are highly experienced in clinical trial recruitment, GCP, participant retention, eCRF and database management, and in dealing with the regulatory pressures and obstacles in clinical research in the UK. We are aware of the intense recruitment pressures that many industry studies require, and are committed to realistic and accurate recruitment estimates, and have recruited to target in all industry and academic studies in the last decade.  Recruitment  sample sizes have ranged from up to 6,000 sample size for some studies (Norfolk Diabetes Study, UEA – IFG etc), with 10,000 planned for NDPS down to small  numbers in highly specialist trial recruitment and intense recruitment effort.  Recruitment locally is supported by excellent research working relationships with local practices individually and through PCRN support. The Consultant team are all research active and offer a range of expertise and research outputs and are Dr Ketan Dhatariya (clinical and research interest in DAFNE, foot disease, clinical therapeutics, and hypertension in diabetes), Dr Swe Myint (clinical and research interest in clinical therapeutics, obesity management, transitional care and hypertension management), Prof. Mike Sampson (PI or CI on most Norwich studies since 1995 , with £3.54M in external grant income in last 5 years from Diabetes UK or NIHR, and Deputy Lead East of England DRN), Dr Francesca Swords (Clinical Director, with a clinical and research interest in adrenal function, ACTH receptor function and pituitary disease and CLRN metabolic medicine co -  lead locally), Dr Rosemary Temple (clinical and research interest in preconception care and diabetes pregnancy), Dr Jeremy Turner  (clinical and research interest in obesity and adipose tissue inflammation with recent BHF and DRWF funding), Dr Tara Wallace (clinical and research interest in insulin resistance, insulin sensitivity and vascular risk and CSII). All provide internal cover and a pool of local co investigators.

**Therapeutic and Research Areas**

* Obesity and adipose inflammation
* Metabolism, insulin sensitivity, hypertension
* Paediatric care and insulin management and T1DM prevention
* Retinopathy outcomes
* Neuropathy management
* T2DM prevention & Screening
* Education (DAFNE and new patient education)
* Clinical therapeutics, oral agents and insulin management in T2DM
* Clinical therapeutics , oral agents and insulin management in T1DM
* Diabetes Pregnancy management and outcomes
* Foot disease management in diabetes
* Nutrition, exercise and T2DM
* Service Delivery

**Department Academic Teaching/ Department Expectations**

During their four-month attachment, AFY trainees will be embedded within thriving research environments. They will work on a specific research project and receive formal training relevant to the context of the chosen research. Key research knowledge and skills covered:

* basic study design and critical appraisal
* literature searching and review writing
* basic data handling and statistical methods
* report writing
* Teaching on our innovative MB BS programme, as follows (all delivered after suitable training):
* Acting as a PBL tutor on our undergraduate programme for one rotation (8 half-day sessions) or working as a Consultation Skills tutor
* Potential to undertake clinical skills teaching work – including prescribing seminars, or Clinical Case Based Discussions (so-called ‘long-case teaching) with year 3-4 Undergraduate students
* Assessment experience, in particular as an OSCE assessor.

**Lead Academic:** [Dr](mailto:Dr) Rupa Ahluwalia (rupa.ahluwalia@nnuh.nhs.uk)

**GASTROENTEROLOGY**

**Overview**

Gastroenterology research focuses intestinal inflammation and the interaction of the gut microbiome, intestinal epithelial cells and mucosal immune system. Studies range from disease models, to clinical trials and epidemiological studies.

**Research Component**

Key areas of research interest are:

* Inflammatory bowel disease
* Clinical Nutrition
* Microbial host interactions in the gut
* Sclerosing Cholangitis
* Dietary risk factors for gastrointestinal disease
* Gastrointestinal cancers

Gastroenterology has close links with the BBSRC-funded [Gut and Food Safety](http://www.ifr.ac.uk/ghfs/index.htm) collaborative research programme and the [EPIC (The European Prospective Investigation into Cancer and Nutrition)](http://epic.iarc.fr/) research programme.

**Academic Staffs**

* [Dr Ian Beales](https://www.uea.ac.uk/medicine/People/Academic/Ian+Beales) (Gastroenterology)
* [Professor Simon Carding](https://www.uea.ac.uk/medicine/People/Academic/Simon+Carding) (Mucosal Immunology)
* [Dr Paolo Banchieri](https://www.uea.ac.uk/medicine/people/profile/p-biancheri) (Inflammatory Bowel Disease)
* [Professor Alastair Forbes](https://www.uea.ac.uk/foh/People/Medicine,+Health+Policy+and+Practice/People/Academic/Alastair+Forbes) (IBD, Nutrition)
* [Dr Lindsay Hall](https://www.uea.ac.uk/medicine/People/Academic/Lindsay+Hall) (Microbiology, Mucosal Immunology)
* [Professor Andrew Hart](https://www.uea.ac.uk/medicine/People/Academic/Andrew+Hart) (Gastrointestinal epidemiology)
* [Tamás Korcsmáros](http://•http/www.earlham.ac.uk/tamas-korcsmaros) (Disease stratification of IBD)
* [Dr Simon Rushbrook](http://•http/www.nnuh.nhs.uk/people/simon-rushbrook) (Sclerosing Cholangitis)
* [Dr Stephanie Schüller](http://www.uea.ac.uk/medicine/People/Academic/Stephanie+Schuller) (Microbiology)
* [Professor Alastair Watson](https://www.uea.ac.uk/medicine/People/Academic/Alastair+Watson) (Epithelial biology, Inflammatory bowel disease)
* [Dr Ailsa Welch](https://www.uea.ac.uk/medicine/People/Academic/Ailsa+Welch) (Nutritional epidemiology)

**NHS Partner Researchers**

* Prof Alastair Watson (Service Director, Prof of Translational Medicine, UEA) – IBD
* Dr Syed Alam - hepatology, transplant medicine, endoscopy
* Dr Bernard Brett, IBD, ERCP, Therapeutic endoscopy, Bowel Cancer Screening Luminal Gastroenterology and Medical Management (currently Deputy MD)
* Dr Simon Chan – IBD epidemiology, clinical IBD, diagnostic and therapeutic colonoscopy
* Dr Anups Desilva – IBD lead, Bowel Cancer Screening, therapeutic endoscopy and Medical Education
* Dr Helen Fellows – capsule endoscopy, medical education, luminal GI and hepatology disease
* Dr Ismail – Nutrition consultant and PEG/enteral lead for the Trust
* Dr Satish Mogan – ERCP/ EUS and advanced endoscopy and hepatobiliary disorders
* Dr Charlotte Pither – Lead consultant in Nutrition
* Dr Martin Phillips– hepatology, ERCP, therapeutic endoscopy
* Dr Arun Shankar– Hepatology, Alcohol services, NAFLD and Training Programme director for the East of England
* Dr Richard Tighe – screening colonoscopy, endoscopy training, therapeutic endoscopy, IBD, ERCP
* Dr Mark Tremelling – IBD genetics, diagnostic and therapeutic colonoscopy

For more information, contact Professor Alastair Watson ([alastair.watson@uea.ac.uk](mailto:alastair.watson@uea.ac.uk))

**Department Academic Teaching/ Department Expectations**

During their four-month attachment, AFY trainees will be embedded within thriving research environments. They will work on a specific research project and receive formal training relevant to the context of the chosen research. Key research knowledge and skills covered:

* basic study design and critical appraisal
* literature searching and review writing
* basic data handling and statistical methods
* report writing
* Teaching on our innovative MB BS programme, as follows (all delivered after suitable training):
* Acting as a PBL tutor on our undergraduate programme for one rotation (8 half-day sessions) or working as a Consultation Skills tutor
* Potential to undertake clinical skills teaching work – including prescribing seminars, or Clinical Case Based Discussions (so-called ‘long-case teaching) with year 3-4 Undergraduate students-Potential to undertake research methods seminars to approximately 30-40 students; all material is pre-planned by the research methods team and covers: literature searching, descriptive statistics, note this teaching is designed to consolidate your own learning in these areas]
* Assessment experience, in particular as an OSCE assessor.

**Lead Academic**: Professor Alastair Watson (Alastair.watson@uea.ac.uk)

**SUPERVISION**

**Academic Supervisor**

Responsible for overseeing your academic work and providing constructive feedback during your placement. This supervisor will also act as your research placement supervisor.

Your academic supervisor should agree the academic learning objectives and how they will be achieved at the beginning of the academic placement or programme. He/she will be responsible for the assessment of academic progress and confirming what has been achieved within the academic component of the programme.

**Clinical supervisor**

A clinical supervisor will be responsible for overseeing your clinical work and providing constructive feedback during each training placement.

It may be appropriate for the clinical supervisor to delegate some supervision to other doctors although he/she remains responsible for your supervision.

**Educational supervisor**

Your educational supervisor will be a clinician responsible for the overall supervision and management of your educational progress during your foundation training placement or series of placements. They are responsible for your educational agreement as a clinical foundation doctor. Your educational supervisor will help with your professional and personal development as a foundation doctor.

**The Academic Compendium**

**All Foundation Trainees, including Academic Trainees, will be expected to acquire the core competencies of foundation training. For details of the Foundation Programme curriculum, please see the UK Foundation Programme Office website. In addition, Academic Trainees can use the** [**UK Foundation Programme’s Academic Compendium**](http://www.foundationprogramme.nhs.uk/sites/default/files/2018-08/Academic%20Compendium_0.pdf) **to identify, with their academic supervisor, outcomes and competences that they can work towards, to demonstrate academic achievement**

**The following are an example of the achievements that are appropriate for the Norwich Academic Foundation Programme.**

**Research and teaching outputs:**

1.  Be able to critically review the medical literature as assessed by a review a  
Journal Paper - CBD

2.  Understand the requirements for designing clinical research as assessed by writing a protocol – CBD

3.  Presentation of data in written form as assessed by writing any of the following: a case history, audit, paper or book chapter - CBD

4.  Presentation of data in oral form as assessed by oral presentation of clinical data or audit - mini CEX

5.  Understand the components of producing good quality highly discriminatory assessment material by write an exam question in the form required for UEA medical students – CBD

**Attend the following:**

6.  Norwich Academic Foundation Programme Training Course (or equivalent) – this is mandatory course and is available to attend at the beginning of the first or second foundation years. It explains how we hope to support trainees to achieve the above written outputs.

7.  Good Clinical Practice (GCP) Course either as a group session or the online course – this is required prior to undertaking any patient facing clinical research activity.

**Teaching opportunities**

8) Problem based learning (PBL) teaching. We will provide bespoke training for foundation programme doctors and offer the opportunity to supervise a PBL group. Opportunities will also be available to lead seminars and clinical procedural training for medical students. These will be assessed using the Developing Clinical Teacher assessment on the eportfolio and also UEA peer review observation form (Report form Type P(01)a) available from “[Learning, Teaching and Quality Assurance](http://www.uea.ac.uk/documents/learning-and-teaching)”  and also UEA teaching peer review forms – see [Code of Practice on Peer Observation of Teaching](http://www.uea.ac.uk/documents/6207125/8480269/cop-for-peer-observation.pdf/a6669af4-9b2c-4497-bac7-887d7346ca4f)

9) Trainees will have access to the Objective Structured Clinical Examination (OSCE) training provided by Norwich medical school and examine medical students during an OSCE

**10) All trainees must complete the academic foundation programme exit questionnaire**

**Other Learning Opportunities**

There is a wealth of learning opportunity available through Departments, and UEA.

Opportunities include:

* Seminars and Events
* Grand Rounds take
* Access to University library
* Teaching

There is lots and lots and lots of teaching opportunities available at UEA. You are expected to be a PBL tutor, but there are opportunities alongside this.

**The Norwich Academic Training Office**

The Norwich Academic Training Office (NATO) provides support for academic training across the range of health professions.

The Office is located within the Research and Innovation Services support team of the Faculty of Medicine and Health Sciences. Contact can be made by emailing [Norwich.ato@uea.ac.uk](mailto:Norwich.ato@uea.ac.uk)

The office facilitates the liaison between the NHS Trusts, LETB (Local Education and Training Board), NIHR and UEA on the allocation and award of Academic Clinical Fellows and Clinical Lectureships. It also maintains a list of clinical academic trainees, circulates training material and helps with any queries from trainees or academic and clinical supervisors.

The NATO Board meets 4 times a year to discuss ways to improve and expand the IAT programme delivered across the Norwich Research Park. Academic trainees are represented by a Trainees Representative on this board. This is currently Christopher Jeanes, ACF in Medical Microbiology, who also Chairs the Norwich Clinical Academic Trainees ([NCAT](https://www.uea.ac.uk/web/medicine/academic-clinical-training/information-for-current-trainees/norwich-clinical-academic-trainees)).

**The Application Process**

Application to the Academic Foundation Programme is made through the national process, via the online Oriel system. For the Person Specification, please refer to the UK Foundation Programme (UKFP 2019) Eligibility Applicant Guidance 2019. For detailed guidance on applying for the 2019 Foundation Programmes, please go to The UK Foundation Programme Office website. The site has lots of information on the Foundation Programmes, including the FP/AFP 2019 Applicant’s Handbook

***Please remember that any applications submitted via Oriel past the deadline of 12.00 noon (BST) 12 October 2018 will not be considered.***

**Interviews**

Candidates shortlisted for interview will be informed via Oriel.

Interviews for the Norwich Academic Foundation Programme will be held in December 2019.

On the day of interviews, each applicant will be interviewed and scored by a single panel comprising both clinical and academic personnel using standardised scoring criteria and consists of both clinical and academic questions. You will not be required to bring a portfolio with you, but should ensure you have proof of identity (preferably a passport).

Interview travel expenses will not be reimbursed.

Please note that Skype interviews are not offered - even if your elective period coincides with the interview dates. Therefore, you must attend in person. If you have a medical condition or caring responsibility which precludes you from attending any of the interview dates, you should contact the Foundation School Administrator directly for advice.

**ACADEMIC FOUNDATION PROGRAMME**

**FREQUENTLY ASKED QUESTIONS………**

**How many AFY posts are there each year?**

For 2017-2019 and 2018-20 there were 12 posts advertised.

**Do you miss out on clinical training?**

No - Academic trainees are expected to meet the same clinical competencies as their non-academic colleagues.

**What is looked for in a good application?**

Strong academically, interest in research, good answers to the ‘white paper’ questions, evidence of a rounded person, who can relate to patients.

**Do I need to have a PhD to apply for an AFY?**

No, very few hold PhDs.

**But I don’t know what project I would want to do!**

For the AFY programme, you’re not expected to know.

**How does an Academic Career Pathway work?**

In a nutshell, Clinical Academic Training programmes allow you to complete your clinical competencies alongside protected academic time.

**What happens after AFY?**

Trainees frequently move on to an Academic Clinical Fellowship or other academic opportunity.

**I don’t want to jeopardise a clinical place if I’m unsuccessful.**

The application processes are separate so that’s not a problem.

**Do I have to start my academic career NOW?**

No – if you miss out on an AFY place, it will not exclude you from other academic programmes and opportunities in the future.

**What if I decide the academic life is not for me?**

You can return to a purely clinical path.

**QUESTIONS AND FURTHER INFORMATION**

East of England Foundation School manages the **application process** locally. Any queries related to application requirements, eligibility, Oriel, shortlisting or interview notifications, offers and similar should be directed to them.

Health Education East of England (HEEoE)

2-4 Victoria House,

Capital Park

Fulbourn

Cambridge

CB21 5XB

**Foundation School Enquiries:** recruitment.eoe@hee.nhs.uk

# Information about the **Clinical Academic Training Programmes** managed by the University of East Anglia, can be found through the Clinical Academic Training Office (NATO) website. Queries regarding specific departments can be directed through the Academic Leads for the Academic rotations available. This information is detailed on pages 5-15 above. Other queries can be directed to the NATO office: [Norwich.ato@uea.ac.uk](mailto:Norwich.ato@uea.ac.uk)

## **Useful Links**

National UK FP programme website – AFP section <http://www.foundationprogramme.nhs.uk/content/academic-foundation-programme>

Academic Foundation Training in Norwich website: <https://www.uea.ac.uk/medicine/academic-clinical-training/integrated-academic-training/academic-foundation-training-in-norwich>

UEA Home Page: <https://portal.uea.ac.uk/>

[AFP 2019: AUoA details](http://www.foundationprogramme.nhs.uk/sites/default/files/2018-12/Academic%20Foundation%20Programme%202019%20-%20AUoA%20details.pdf) - provides information on how many academic programmes are available at each AUoA, dates for interviews and a link to further information

[AFP 2019: Application Supplementary Information](http://www.foundationprogramme.nhs.uk/sites/default/files/2018-09/AFP%202019%20%28AUoA%29%20Application%20Supplementary%20Information_0.pdf) - contains the AUoA specific information from the supporting section of the application form

[Academic Compendium](http://www.foundationprogramme.nhs.uk/sites/default/files/2018-08/Academic%20Compendium_0.pdf)

[Rough Guide to the Academic Foundation Programme](http://www.foundationprogramme.nhs.uk/sites/default/files/2018-08/Rough%20Guide%20to%20the%20Academic%20Foundation%20Programme.pdf)

[Guaranteed Interview Scheme](http://www.foundationprogramme.nhs.uk/sites/default/files/2018-12/Guaranteed%20Interview%20Scheme.pdf)