

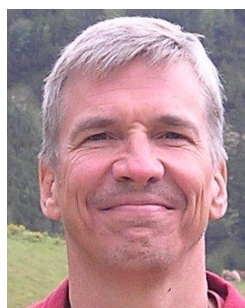
HULL AND EAST YORKSHIRE HOSPITALS NHS TRUST**2-YEAR ACADEMIC FOUNDATION PROGRAMMES****GRADE**

Academic F2 Post in Cardiology

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The Academic Department of Cardiology undertakes predominantly clinical research. Under the direction of Professor Andrew Clark, the unit oversees the investigation and management of patients with heart failure. Over the course of almost twenty years, the department has developed one of the largest heart failure databases in the world. The resulting data has made a significant contribution to research in this field with a large number of publications. This ongoing project continues to have potential to facilitate further research with the possibility of both retrospective database analysis as well as using the dataset to identify individuals to recruit into prospective studies.

Dr Hoye is a Reader in Cardiology and practices as an Interventional Cardiologist. She supervises projects related to clinical research into patients with coronary artery disease, and has a particular interest in chronic total occlusions as well as acute coronary syndromes and intervention in the setting of ST-elevation acute myocardial infarction.

Currently, the department has on-going research projects in frailty, nutrition, and the care of elderly patients, both those with heart failure as well as those with coronary artery disease. In addition, both Prof Clark and Dr Hoye have an interest in exercise physiology and therapy for cardiac patients, the unit has strong links with the Academic Department of Sport, Health and Exercise Science at Hull University.

The Academic department also recruits patients to multicenter commercial trials and is usually top UK recruiter to the trials to which it contributes. The team includes a Clinical Lecturer, post-graduate students undertaking either an MD or PhD, and a team of research nurses and support staff all contributing to the research programs.

The F2 will thus join a thriving team with active research interests in interventional cardiology and heart failure. There are opportunities to learn how to recruit patients to clinical trials; to explore the data available in the database for potential publication; and to develop your own research project.

You will work full time in the department: there will be minimal clinical commitment, although there will be the opportunity to attend clinics and cath lab sessions. You will have some exposure to (and ability to learn) echocardiography. Typically, each F2 coming through the department gains at least 1 publication in the peer-reviewed literature. Recent studies undertaken by F2s include: the effects of increased oxygen on exercise capacity in patients with heart failure; studies of driving skills in patients with heart failure; the chest X ray in patients with acute heart failure.

Many of the F2s produce abstracts and present their findings at national and international meetings: two have recently (2018) won prizes at meetings for best abstract. Recent publications from the F2s include:

1. Sze S, Pellicori P, Zhang J, Clark AL. Malnutrition, congestion and mortality in ambulatory patients with heart failure. *Heart* 2018 Aug 18. pii: heartjnl-2018-313312
2. Cuthbert JJ, Kearsley JW, Kazmi S, Kallvikbakka-Bennett A, Weston J, Davis J, Rimmer S, Clark AL. The impact of heart failure and chronic obstructive pulmonary disease on mortality in patients presenting with breathlessness. *Clin Res Cardiol* 2018 Aug 8. doi: 10.1007/s00392-018-1342-z.
3. Cuthbert JJ, Pellicori P, Rigby A, Pan D, Kazmi S, Shah P, Clark AL. Low serum chloride in patients with chronic heart failure: clinical associations and prognostic significance. *Eur J Heart Fail* 2018 Jun 26. doi: 10.1002/ejhf.1247. [Epub ahead of print]
4. Sze S, Pellicori P, Kamzi S, Anton A, Clark AL. Effect of beta-adrenergic blockade on weight changes in patients with chronic heart failure. *Int J Cardiol* 2018;**264**:104-112
5. Shah P, Pellicori P, Macnamara A, Urbinati A, Clark AL. Is Swimming Safe in Heart Failure? A Systematic Review. *Cardiol Rev* 2017;**25**:321-325
6. Kasouridis I, Majo J, MacGowan G, Clark AL. Giant cell myocarditis presenting with acute heart failure. *BMJ Case Rep.* 2017 May 22;2017. pii: bcr-2017-219574. doi: 10.1136/bcr-2017-219574.
7. Pellicori P, Salekin D, Pan D, Clark AL. This patient is not breathing properly: is this COPD, heart failure, or neither? *Expert Rev Cardiovasc Ther* 2017;**15**:389-396
8. Pellicori P, Urbinati A, Shah P, MacNamara A, Kazmi S, Dierckx R, Zhang J, Cleland JGF, Clark AL. What proportion of patients with chronic heart failure are eligible for sacubitril-valsartan? *Eur J Heart Fail* 2017;**19**:768-778
9. Sze S, Zhang J, Pellicori P, Morgan D, Hoye A, Clark AL. Prognostic value of simple frailty and malnutrition screening tools in patients with acute heart failure due to left ventricular systolic dysfunction. *Clin Res Cardiol* 2017;**106**:533-541