

**University of Sheffield
and
South Yorkshire Foundation School**

DESCRIPTION OF ACADEMIC RESEARCH FOUNDATION PROGRAMME PLACEMENT

Research Project Code: <Research Area> Placement 1

Please find below a description of a Research Project that can be undertaken during the 4 month Academic Research Placement as part of the Academic Research Foundation Programme 2009 to 2010.

Academic Supervisor(s) For F2 Academic Placement:	Dr Caroline Mitchell
Nominated Foundation Programme Director:	
Academic Unit or Group: Academic Unit of Primary Medical Care (AUPMC)	
E-mail: c.mitchell@sheffield.ac.uk	Tel: 0114 222 2099
Address: Academic Unit of Primary Medical Care Samuel Fox House Northern General Hospital Herries Road, Sheffield S5 7AU	
Website: http://www.sheffield.ac.uk/medicine/research/aupmc	
Specific example of suitable project: Medicines Adherence in Asthma by Substance Misusers	
<p>This proposal is a pilot study to assess medicines adherence for substance misusers with asthma. Feedback will be invited on the impact of the opportunistic administration of the asthma control test in a primary care-based substance misuse clinic. The purpose of the study is to prepare a protocol for a larger scale complex intervention study (the Asthma Control Test). It will lead to a publication in peer-reviewed journal, provide opportunities for patient and public stakeholder feedback and form the basis of a grant application (Dr Caroline Mitchell).</p> <p>Three academic foundation trainees can be accommodated over a 12 month period.</p> <p>There will be additional choices for research projects subject to discussion with the prospective candidates depending on their research interest and experience. It is expected that such projects will involve cross-disciplinary support and/or co-supervision with other medical or social science academics in The Medical School or SchARR.</p> <p>This research attachment will enable to ARF trainee to undertake supervised research, write a conference abstract and present the research to an academic audience within the four month full-time attachment.</p> <p>The AUPMC:</p> <p>The AUPMC has won 27 competitive research grants in the past 5 years totaling more than £2.2 million.</p> <p>Our current strategic research aims are to develop distinctive high-quality research portfolios in primary care in collaboration with colleagues from secondary care and other local, national and international organisations. Current areas of research focus on:</p> <ul style="list-style-type: none"> • shared decision making • management of long term conditions, type 2 diabetes mellitus, atrial fibrillation and knee replacement • treatment and management of depression • medicines adherence, management of epilepsy • management of breast cancer follow up • triggers for referral to cardiology • patient reported outcome measures in polymyalgia • multidisciplinary team working 	

The AUPMC has close working links both nationally and locally with the Royal College of General Practitioners, Trent Research and Development Support Unit, Sheffield Health and Social Care Research Consortium and we are a founder member of the East Midlands and South Yorkshire Primary Care Research Network.

We have established research collaborations with Departments of Family Medicine in:

China, Malaysia, Taiwan, Belgium, Italy, France, Spain, Slovenia, Poland

Where will the Project for the F2 Academic Placement be Based?

AUPMC, Samuel Fox House, Northern General Hospital, Herries Road, Sheffield S5 7AU

Description of the Academic Project for the F2 Academic Placement:

Context

The AUPMC research agenda has “Patient-centred Care” and shared decision-making as the overarching theme with a specific focus on chronic disease management (diabetes mellitus, cardiovascular diseases, osteoarthritis and depression) and cancer screening and intervention (breast and colorectal cancers).

During the Academic Research Foundation Programme Placement, the candidate will be able to interact with the researchers and clinicians who are working on these related projects and identify a research area which is of interest to him/her.

Project Aims and Methodologies:

Aims: project specific

Objectives:

- 1) *To complete a literature review and synthesis*
- 2) *Learn about ethics and research governance procedures relating to the individual project*
- 3) *Apply Qualitative and / or quantitative methods depending on the chosen project to pilot data collection*
- 4) *Write up study report; abstract for poster or oral conference presentation*
- 5) *Co-author a study protocol for publication / larger grant submission if appropriate depending on timescales and results of the pilot study*

Description of Training the F2 Academic Trainee Will Receive and Access to Research Facilities:

Each week the post-holder will be expected to undertake 10 sessions in the Academic Unit of Primary Medical Care: Monday to Friday

Academic Unit of Primary Medical Care

During this attachment, the post-holder will be expected to:

- Attend the research training programme which includes research seminars and a peer learning set/ research strategy group
- Attend project meetings for chosen research projects
- Attend weekly mentoring sessions with their academic supervisor
- Prepare and develop their individual research proposal, including literature searches
- Attend writing for publication group meetings
- Develop their own private study programme to meet their individual learning needs and complete assignments arising from the Academic Training Programme.

The post-holder will also have the opportunity during their attachment to include the observation of undergraduate and postgraduate medical teaching and develop teaching evaluation and quality assurance skills. Should the post-holder take up this opportunity during their attachment, there will be potential future

engagement in undergraduate teaching.

Outline of the F2 Academic Placement Project Plan:

The anticipated timetable would be:

Month 1: Literature review and development of individual research question with appropriate design and methods

Month 2: Pilot study; Data collection phase

Month 3: Continuing data collection; Preliminary data analysis

Month 4: Presentation and writing up of a final report; abstract for conference presentation and co- author a protocol for publication; Assessment of placement