## Academic Foundation Programme Job Description

<table>
<thead>
<tr>
<th>Academic Foundation Programme Title</th>
<th>Primary Care and Population Sciences</th>
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<tr>
<td>Employing Trust</td>
<td>University Hospitals Southampton NHS Foundation Trust</td>
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<tr>
<td>Department</td>
<td>Primary Care and Population Sciences</td>
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<tr>
<td>Commencement Dates</td>
<td>August, December, or April</td>
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| Educational Supervisor              | Professor Tony Kendrick  
Email: ark1@soton.ac.uk  
Tel: 02380 241083 |
| Clinical Supervisor                 | To be assigned (if a training practice is allocated) |
| Administrative Contact              | Lisa Sturdy  
Email: ls@soton.ac.uk  
Tel: 02380 241050 |

### Main Educational Opportunities

Academic trainees will meet with their academic supervisor during their F1 year to discuss the specialties and research opportunities available to them and will select a project topic area in which to conduct their academic training.

- Clinical General Practice (optional) in a research active practice, within easy reach of the PMC (Primary Medical Care) Group in Southampton
- Carrying out a review of the literature in a chosen topic. Analysing research data if available
- Presenting a research protocol to the AF2 group and academic supervisors
- Attending team meetings on current research projects in PMC, and getting involved in a range of projects if possible and appropriate
- Attending Primary Care and Population Sciences research seminars
- Contributing to undergraduate medical student teaching in General Practice, if possible and appropriate

### Formal Teaching Programmes

Generic research skills training provided by the Wellcome Trust Clinical Research Facility, at Southampton General Hospital (10 half day sessions). This course will enable AF2 trainees:

- To gain an overview of the scope of clinical research
- To learn about research methods and their appropriate application
- To learn about sources of knowledge and knowledge
management

- To learn how to form research questions
- To learn how to critically appraise research
- To master elementary statistics and understand their application to research
- To understand the sources of funding for research and financial management of research
- To understand the ethics of research, consent and confidentiality
- To understand how research is regulated and governed

Between sessions participants will be expected to develop their own research projects involving the:

- Generation of research questions
- Design of research protocols
- Financial aspects of research
- Navigation through ethics and the regulation of research

**Academic competencies**
Formative assessment at the end of the course will test competency in:

- Literature reviewing and critical appraisal
- Research study design and planning
- Data interpretation and presentation of results

**Clinical competencies**
These will be selected from among those identified for the F2 year, which are achievable in General Practice. If they have been achieved during other Foundation placements the clinical general practice component of this post will be optional.

### Timetable (subject to change by agreement with Practice)

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<th>Monday</th>
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<th>Thursday</th>
<th>Friday</th>
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<tr>
<td>a.m.</td>
<td>Clinical work in General Practice (optional)</td>
<td>Research activities with Primary Care Group</td>
<td>Clinical work in General Practice (optional)</td>
<td>Clinical work in General Practice (optional)</td>
<td>Research activities with Primary Care Group</td>
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<tr>
<td>p.m.</td>
<td>Clinical work in General Practice</td>
<td>Research activities</td>
<td>Clinical work (optional)/</td>
<td>Clinical work (optional)/</td>
<td>Research activities with</td>
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NHS

Health Education England
Out of Hours / On Call: Hours Worked

Work Pattern:  
Out of hours work is not funded for F2 placements in General Practice. To allow the trainee to maintain their income and experience however, arrangements could be made for the trainee to conduct out of hours work in a relevant acute discipline (this would best be aligned with one of the other two posts the trainee will do as part of their F2 year).

Further Information

The Primary Care group is part of the Primary Care and Population Sciences (PCPS) academic unit, the aim of which is to improve the evidence base for the prevention and management of major public health problems (Director Professor Paul Roderick).
The group collaborates with Professor Yardley’s Health Psychology group within the School of Psychology and has had significant success in obtaining NHS R&D HTA programme and MRC project grant funding.
The PMC group has a strong track record in academic training and there would be ample opportunities for a successful AF2 trainee to go on to compete for an academic clinical fellowship (ACF) during vocational training. The PMC group has been hosting academic Vocational Training Scheme extensions funded by the Wessex Deanery since the early 1990s. The academic GPRs have undertaken Masters level training, in Southampton or elsewhere when appropriate. Where possible, they have gone on to complete an MSc by dissertation.

Strengths of the programme including research track record and markers of esteem
The Primary Medical Care group has 5 professors, 2 associate professors, 1 senior lecturer, 12 post-docs, 13 doctoral students, and 34 research staff. We have particular strengths in:
- Acute infections
- Respiratory disorders
- Mental health problems
- Complementary medicine
- Cancer early diagnosis and survivorship
Our excellent showing in the 2013 Universities’ Research Assessment Exercise (RAE) was recognised by inclusion as one of only nine departments nationally in the National Institute for Health Research (NIHR) School for Primary Care Research (SPCR).
In collaboration with other SPCR departments, particularly Oxford, Bristol and Birmingham, we are leading the multicentre SPCR CANDID lung and colorectal cancer cohort and ATAFUTI trial of alternative treatments for adult female UTIs, and are key collaborators in the
BARACK-D trial of aldosterone receptor antagonism in chronic kidney disease; DUTY cohort of diagnosis of UTI in children; TARGET cohort on childhood respiratory infection prognosis; and PANDA cohort and trial of antidepressants.

We have attracted 47 grants since 2008 totalling £17.9m (success rate 71%), and published 286 peer-reviewed papers and 42 reviews, with co-authors from 380 institutions worldwide, funded by 220 agencies, and generating 2,533 citations.

Prof Paul Little is a Fellow of the Academy of Medical Sciences, an NIHR Senior Investigator and Director of the NIHR Programme Grants Board, Prof Tony Kendrick is Chair of the NIHR GP Academic In-Practice Fellowships Panel, Prof George Lewith is a CAM consultant to the WHO and US NIH, Prof Mike Thomas is Research Chairman International Primary Care Respiratory Group and on the Asthma UK Research Grants Committee, Prof Mike Moore is RCGP National Clinical Champion for antimicrobial stewardship, and Assoc Profs Geraldine Leydon and Hazel Everitt and Ian Williamson (Senior Lecturer) are on the review boards for NIHR Grants.

The research within the wider PCPS Division is described in detail under the following Research Themes (and under personal pages of research staff):

- Primary Care Epidemiology and Cohorts
- Underpinning methodologies (medical statistics, qualitative methods, health economics)
- Health Inequalities
- Addiction
- Cardiovascular Nutrition and Metabolism
- Postgraduate education

We currently have 13 PhD/MD students, and 17 post-docs. We have an active early researchers group (REACH) which meets regularly.

Further information on the Primary Care Group, including the particular research interests of the lead researchers, is available on the School of Medicine website:

http://www.southampton.ac.uk/medicine/academic_units/academic_units/primary_care_population.page