

Research Project Proforma (School of Medicine)

Research Title:	Public health
Keywords (up to 5)	Public health, epidemiology, non-communicable disease, life-long limiting illness, medical record data
Supervisor: Job Title: Department: Email Address: Telephone: Webpage link:	Ross Wilkie RCUK Fellow Research Institute for Primary Care and Health Sciences 01782 734845
Type of projects offered (delete as appropriate)	BOTH Intercalation (1 year)/Studentship (4-8 weeks)/Both

(1) Outline the broad aims of your research (max 150 words):

We have a database which includes both medical record and self-report data which has the capacity to answer a wide range of clinical and public health questions. The aim would be to allow students to develop questions around an area of interest and the skills listed below.

(2) Indicate the skills/techniques the student will learn (max 100 words)

- Systematic reviewing and synthesis of literature; application of PICO to generate research questions

- Critical appraisal and application of research methods
- Analytic skills to provide descriptive information of disease and exposure frequencies, and their distribution by key socio-demographic variables
- Analytic skills and critical appraisal of bias and its impact on internal validity
- Analytic skills in exploring associations between exposures and outcomes; critical appraisal of such methods and interpretation of findings into clinical practice and public health
- Data handling skills of patient reported information and medical records

Please submit this form electronically to Sam Hider at s.hider@keele.ac.uk

by 31 July.