

Stafford Campus

**Senior Researcher or Research Officer (Ref CET09/15c)
E-Health and Medical Informatics**

Senior Researcher £30,747 - £35,646 per annum
Research Officer £25,751 - £29,853 per annum

The UK 2008 Research Assessment Exercise rated most of the research conducted in our Faculty as world-leading, or internationally excellent or recognised. We aim to further enhance our high quality research profile by strengthening our research base through the appointment of Senior Researchers or Research Officers, to underpin an expansion of research and enterprise activities in the application areas of e-health and medical informatics.

The Centre for Information, Intelligence and Security Systems is a multidisciplinary applied research centre that understands the needs of the business community and conducts advanced research across the spectrum of digital technologies. The mission of CISS is to research, design and develop innovative solutions to real-life problems in the areas of security, digital forensics, healthcare, education, business intelligence and environmental protection.

Applications are invited for the post of Senior Researcher, or Research Officer, in E-Health and Medical Informatics. The post provides scope for a good balance between academic research and its industrial or commercial applications. You will be part of a research team working on world-class research and enterprise projects in the areas of e-health and medical informatics. Major thrusts of this applied research revolve around e-health pilot studies/initiatives across the EU to identify the barriers to a wide adoption of e-health / tele-medicine / tele-care technologies in the National Health Services (NHS), and around the development of innovative e-health solutions that can be seamlessly adopted by the NHS as part of its mainstream services. You will conduct collaborative research, with particular emphasis on inception / scoping / management / delivery of research and enterprise projects, applying for external funding, engagement in consultancy work, and dissemination of research outputs in learned conferences and journals.

You should have, or expect to obtain, a PhD degree preferably in computer science, information systems, medical informatics, or a related discipline. Exceptionally, applicants without a PhD degree will be considered if they have equivalent experience and if they can demonstrate the ability to conduct advanced research. Good written and spoken communication skills in English are essential.

We are looking for self-motivated and enthusiastic candidates with demonstrated capacity for innovative thinking and problem solving skills, who can work well with a variety of expert groups. An ideal candidate combines a demonstrable interest in applied research with a record of research achievement at international level. We are interested in candidates who have experience of interdisciplinary and collaborative research, a track record of successful delivery of consultancy or enterprise projects, demonstrable experience of writing funding applications, and a demonstrable awareness of regional, national and EU funding bodies' strategies. Candidates with research experience and background in (one or more of) the following (or related) areas are preferred:

- E-health, tele-medicine, tele-care
- Medical informatics, medical decision making
- Knowledge management in an organisational context
- Artificial intelligence and knowledge engineering
- Smart-sensors
- Medical image processing