

The [Wellcome/ EPSRC Centre for Medical Engineering](#) (CME) at King's College London invites applications for our CME Research Fellowship. Our Fellowship aims to support outstanding post-doctoral scientists for a period of independent working in order to obtain external fellowship funding, which could provide a pathway to a long term future at King's under an existing scheme.

The Fellowship provides salary and some running expenses as well as research and translational support for further funding applications.

**Purpose:** To support and attract talented researchers to gain independent funding to establish their own research groups

**Level of funding:** Salary for applicant as a postdoctoral research fellow (Grade 7), Consumables costs up to a maximum of £20,000 within the specified categories (lab consumables, travel for applicant to a relevant conference, other costs directly related to the research proposal e.g. trial related, software packages etc)

**Timeline:** The selection panel will meet in mid-December 2020 and hold interviews during the first week of January 2021. We expect successful candidates to start in February to April 2021 with funding ending on April 27<sup>th</sup> 2022

**We are looking to:**

- Fund research proposals within the Centre's Research Themes (Physics and Engineering, Interventional Engineering, Computer Science and Imaging Chemistry) and Clinical Challenges (Cardiovascular, Neurological and Psychiatric conditions and Cancer) focusing on the translation of medical imaging and healthcare engineering into clinical and/ or commercial use
- Enable funding applications to established funding programmes run by a research council or medical research charity within 6 months of the start date of the award
- Develop new collaborations with awardees identifying a Co-I within the Centre to act as a sponsor

**We will review:**

- the scientific merit of your proposed project
- the significance of the research
- the feasibility of your proposal
- the likelihood of you writing new funding applications in the first 6 months of the award
- the chance of success for leveraging further funding

**What we're not looking for**

This scheme is not a means by which to extend your contract or bridge between two funding sources. We will be looking for sound and innovative research proposals which can be enhanced by the Centre's translational support and result in securing further independent funding for the awardee.

## About the Centre

The CME combines fundamental research in engineering, physics, mathematics, computing, and chemistry with medicine and biomedical research. The Centre is one of the largest centres for medical imaging research in Europe and is funded by the [Wellcome Trust](#) & [Engineering and Physical Sciences Research Council](#). We are based within the [School of Biomedical Engineering & Imaging Sciences](#) at the St Thomas' Hospital campus and also include the Department of Neuroimaging (IOPPN).

We have established links with industrial partners, access to cutting-edge research facilities, and are located within a major NHS teaching hospital in Central London, creating an exciting, synergistic environment where the most challenging research questions can be addressed to improve the care and outcomes of patients.

We focus on:

- Providing infrastructure support to our imaging facilities and researchers
- Ambitious research within our technical domains
- Clinical translation of our research
- A range of activities to develop research capacity and support a multidisciplinary culture
- Fostering our talented Early Career Researchers through fellowships and pump priming funding
- Embedding patient and public engagement into our research

## How to apply

In addition to applying through the [King's jobs portal](#), please submit the following to [cme@kcl.ac.uk](mailto:cme@kcl.ac.uk) by the closing date:

- 2 page CV
- Publications list
- Research proposal for onward external funding including aims, outline of methodology, anticipated results, outputs and added value to the field (Max 1000 words)
- Brief outline of anticipated work during your CME Fellowship and how the proposed research will enable you to secure further funding. Please include details of calls and funders you will target and details of any current funding applications (Max 300 words)
- Steps required to translate project to the clinic/ commercialise including support required for clinical studies, potential to generate IP, medical device development, health economics evaluation (Max 200 words)

Please contact Centre Manager [Shalini.jadeja@kcl.ac.uk](mailto:Shalini.jadeja@kcl.ac.uk) with any queries and visit our [website](#) for more information about the Centre.