

Research Fellow

Who are we?

We are the University of Cambridge presence in Singapore called Cambridge CARES, sponsored by the NRF CREATE program CAM.CREATE. CARES also hosts industry-funded and other agencies funded projects. Our team is comprised of world-class scientists and engineers working in a vibrant, fast-paced environment with great opportunities for knowledge and skills development.

CARES is a partner in the Pharma Innovation Programme Singapore (PIPS). The core partners of PIPS are: The Agency for Science, Technology and Research (A*Star), The National University of Singapore (NUS), the Nanyang Technological University (NTU), the Singapore Institute of Technology (SIT), and pharma companies GlaxoSmithKline (GSK), MSD International GmbH (Singapore branch), Pfizer Asia Pacific and Syngenta.

Within PIPS, CARES is involved in several projects. This opportunity is to join our team to work on a project with Pfizer to develop new flow chemistry technology. The challenge is to work with specific chemical system which is challenging for flow chemistry. The outcome of the project should be a set of generic new approaches to flow chemistry (published in peer review journals and potentially IP protected), and a specific implementation of Pfizer-specific case study.

Who are we looking for?

We are looking to fill two vacancies of Research Fellows with experience in (i) chemical process development and (ii) synthetic chemistry. We are seeking candidates with experience in chemical engineering in the area of organic chemistry or multi-phase catalytic processes, preferably with laboratory experience in continuous processes, and candidates with experience in synthetic chemistry, preferably with direct experience of flow chemistry.

What skills do you have?

Good lab skills in synthetic organic chemistry, good lab skills in chemical process engineering, experience of process modelling and simulation, knowledge of process design.

When is position available and for how long?

The positions are available from November 1st 2020 as fixed-term contracts for 24 months each. The position will be offered subject to probationary period of six months.

What can we offer you?

- A stimulating working-environment with friendly, highly motivated colleagues.
- Opportunities to develop and implement new ideas in a creative environment.
- A competitive salary in line with your skills and experience.
- A one-year contract in the first instance, extendable following satisfactory performance.
- A comprehensive medical insurance cover as part of your employment.

Please note that this post is mainly based in the CREATE Tower at NUS University Town, Singapore. To apply, please send your CV and cover letter (summarising the most relevant skills and experience that you have for the position) to recruitment@cares.cam.ac.uk. Informal enquiries could be sent to the academic lead of the project: Prof. Alexei Lapkin (aal35@cam.ac.uk).