



Liverpool John Moores University – School of Pharmacy

The School of Pharmacy and Biomolecular Sciences at LJMU, one of the oldest providers of Pharmacy education in Europe, will host five fellows for three months. The programme is designed to incorporate various activities including professional training on instrumental techniques, teaching observation, external visits, attendance of RSC conference, workshop on assessments and feedback and research symposium at LJMU.

Through this programme, the prospective fellows will get opportunities to network with academic and industrial scientists. They will become familiar with teaching, assessments and feedback methods in the UK. The professional training on instrumental techniques will enable them to gain hands-on experience on the state-of-art instruments including their applications, troubleshooting and data analysis. These activities will enhance the professional skills of the fellows from the developing countries, and thus will impact positively on their abilities to implement these skills and adapt teaching methods in their own home country settings on their return.

Eligibility

The prospective fellows through the Commonwealth Professional Fellowship Scheme 2018 are expected to be early or mid- career academic staff in the developing countries like Bangladesh, India, Pakistan and Nigeria. As the School of Pharmacy and Biomolecular Sciences at LJMU will host the fellows, it is desirable that the fellows with academic backgrounds and teaching experiences on Pharmacy, Chemistry, Biochemistry, Biotechnology or related disciplines will get preference. Both male and female applicants from various ethnic backgrounds are encouraged to apply for the Commonwealth Professional Fellowship in the School of Pharmacy and Biomolecular Sciences at LJMU.

Website

<https://www.ljmu.ac.uk/about-us/faculties/faculty-of-science/school-of-pharmacy-and-biomolecular-sciences>

Proposed activity

The School of Pharmacy at LJMU is dedicated to innovative teaching and high quality research with state-of-art facilities. Our staff are highly experienced and well regarded in the relevant research areas with excellent industrial and academic links. In REF2014, LJMU ranks in the top half of the overall research league table with research that has been recognized as world-leading or internationally excellent. With excellent reputation in teaching and research, we are pleased to host fellows from developing countries through the Commonwealth Professional

Fellowship Scheme 2018 and will offer excellent services to the fellows for their professional developments. With this objective, the intended programme is designed to include the following activities

1. Professional training on instrumental techniques: With the recent investment of £12 million, the School of Pharmacy and Biomolecular Sciences has excellent research and teaching facilities incorporating state-of-art laboratory facilities and instrumentations such as HPLC, UPLC, LCMS, GCMS, NMR and mass spectrometry. Prospective fellows from developing countries might have very limited access to such instruments and require to develop skills of on these techniques so that they become confident on applications, troubleshooting and data analysis. The mentor of these fellows, will design professional training activities on instrumental techniques for 8-10 weeks.
2. Teaching observation: Teaching methods in the UK are different compared to those in the developing countries. In order to be familiar with learning and teaching techniques at LJMU, the fellows will have an opportunity to observe both large and small group teaching including lectures, workshops, seminar and practical sessions.
3. Workshop on Assessments and feedback: Assessment systems in the developing countries are mostly written examinations where the students were not given any feedback. A day long workshop will be organized on a variety of assessments including formative and summative assessments and how feedbacks are given to the students more efficiently.
4. Research symposium: A day long research symposium will be organized at LJMU in June 2019 where all fellows will share their research activities among participants from LJMU and other institutes.
5. School's seminar series: Fellows will have the opportunity to attend journal clubs and research meetings in the School and interact with academics and researchers within the school.
6. External visits: External visits will be organized during weeks 9-11. Fellows will get opportunities to visit UCL, King's College of London, Strathclyde University, Bradford University, Kew Botanical Garden, Herb-in-a- Bottle and Charles River Drug Discovery to exchange views with top scientists in these organizations.
7. Conference: Fellows will attend the Royal Society of Chemistry's International conference to be held on 8 -11 July 2019 in Birmingham. Fellows are expected to present their research as posters or short talks in the conference.

CSC theme

Priority Theme 1 Science and technology for development

Further details

For more information on how to apply, please visit the CSC website: <http://cscuk.dfid.gov.uk/commonwealth-professional-fellowships-information-for-candidates/>