

University of East London

Name of Organisation:

University of East London- School of Health, Sport and Bioscience

Fellowship Summary

The School of Health, Sport and Bioscience at UEL will host five fellows through the Commonwealth Professional Fellowship Scheme. The programme is designed to integrate a short course on professional development, teaching observation, external visits to industries and other HEIs, attendance of workshops on assessments and feedback, a research symposium and a schoolwide seminar series at UEL. During 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 short course on professional development will enable them to gain hands-on experience with state-of-the-art instruments including their applications, troubleshooting and data analysis. These activities will underpin the professional skills of the prospective fellows from developing countries, and thus positively impact their abilities to implement these skills and adapt teaching and learning methods in their own home countries upon their return.

Weblink for Candidates

<https://uel.ac.uk/about/our-schools/school-health-sport-bioscience>

Eligibility

The prospective fellows through the Commonwealth Professional Fellowship Scheme 2024 are expected to be early or mid-career academic staff from developing countries. As the School of Health, Sport and Bioscience at UEL will host these fellows, it is expected that the fellows should have academic backgrounds in the areas of pharmacy, chemistry, biochemistry, biotechnology or related disciplines. Applicants irrespective of their sex, race, religion, culture, ethnicity and sexual orientation are encouraged to apply for the Commonwealth Professional Fellowship in the School of Health, Sport and Bioscience at UEL.

Proposed Fellowship Dates

17/02/2025 to 16/05/2025

Proposed Activity

The School of Health, Sport and Bioscience at UEL is dedicated to innovative teaching and high-quality research. Our staff are highly experienced and well regarded in the relevant research and teaching areas who have established excellent academic and industrial links. With such reputations, we are delighted to host prospective fellows from the developing countries through the Commonwealth Professional Fellowship Scheme 2024 and will provide excellent services to the fellows for their professional developments. Accordingly, the programme is designed to include the following activities.

Short Course on Professional Skill Development: We have cutting-edge teaching and research facilities incorporating state-of-the-art laboratory facilities and instrumentations such as HPLC, UPLC, LCMS and GCMS plus a high-tech super-lab with an investment of £2.4 million. Prospective fellows from developing countries might have very limited access to such facilities. They need to develop skills in these techniques so that they become confident in the applications, trouble shooting and data analysis. The short course will also include some interactive workshops on innovative teaching, managing large group teaching. This short course on professional skill development will be delivered during weeks 6-10 of the programme.

Teaching observation: Teaching methods in the UK are different compared to those in the developing countries. To be familiar with learning and teaching techniques, the fellows will observe different sessions including large group lectures, small group seminars and practical sessions at both undergraduate and MSc levels. The fellows will then deliver a short lecture and run practical session for themselves where they will apply some of the methodologies they have observed. Liaising with the School management, the timetables of such activities will be organised during weeks 1-4 of the programme.

Workshop on Assessments and Feedback: Assessment systems in the developing countries are driven by mostly 'written examinations' where the students usually receive very limited feedback. A one-day workshop will be organised to cover a variety of assessment methods and feedback systems during week 5 of the programme. HSB academic staff will deliver sessions during this interactive workshop.

Research symposium: The London BioNat research meeting, organized by Dr Rahman at UEL, attracted scientists from several companies and top institutes including UCL, King's College London, and Trinity College Dublin. Whilst hosting five professional fellows at UEL in 2017, Dr Rahman organized research seminar at UEL with participants from UCL, UEL and Westminster University. A daylong research symposium will be organised at UEL during week 11 of the programme where all fellows will share their research activities among participants from top institutes in London.

School's seminar series: Fellows will have the opportunity to attend journal clubs, research meetings and weekly seminar series. Therefore, they will be able to interact with academics and researchers within the school.

External visits: External visits for the fellows will be organised during weeks 11-13 of the programme. Fellows will get the opportunity to visit UCL, University of Bradford, Kew Garden, Herb-in-a-Bottle and Nature's laboratories to exchange views with top scientists in these organisations. Dr Rahman will liaise with these organisations to organise visits.

Priority Theme

Science and technology for development