

Senate Report

Professor Edmund Burke: Faculty of Science & Engineering

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The Faculty is currently in the middle of Planning Round discussions with schools to identify priorities for the coming year and beyond. These discussions are focussing upon our readiness for both REF and TEF and they are ensuring that we are developing action plans to optimise our performance across all disciplines.

The Faculty is making preparations for the imminent EPSRC CDT call which will include details of demand management and priority areas. When the call is released in early January it is likely to have a fast turnaround to outline stage. Once priority areas, call details and demand management are announced, the Faculty will prioritise across all areas, submitting the suite of applications which represents those proposals that stand the best chance of being funded.

Finally, I am delighted to report that QMUL, along with three other new partners (Leeds, Newcastle and Manchester), will be joining the Turing Institute as a partner university. QMUL will work with the Institute's growing network of partners in industry and government to advance the world-changing potential of data science. QMUL has a strong research profile in data science and membership of the Turing Institute cements our place as a world leader in this field. In the next two years, through our membership of Turing, we plan to bring together researchers from across QMUL and the wider Turing partners to explore synergies, share techniques and develop new research interests and collaboration. We will create an Institute of Applied Data Sciences to oversee:

- a) Focussing our research efforts in three key areas by supporting discrete packages of work. In the initial two years of the project, this will be focused around the key strengths identified during the process mapping of QMULs data science strengths and complementarity to Turing activities: *Digital Health*, *Machine Learning* and *Risk Analysis & Decision Support*. We envisage that, in future years, the Institute will generate new research themes.
- b) Developing enrichment opportunities and training for postgraduate students who are studying in data science related subject areas and strongly encouraging them to make the most of opportunities to engage with the wider programme that Turing provides.