



University of Warwick Faculty Fellowships at the Alan Turing Institute: Call for Expressions of Interest

The Alan Turing Institute is the UK's national institute for data science. Data science is the fundamental science behind data analytics, and draws on various existing sciences in response to that need: the mathematical sciences, the computing sciences, the social sciences, software engineering and domain expertise from multiple industries and sectors. The Alan Turing Institute brings together researchers across all of these disciplines to advance this rapidly emerging new field of science, and develop methods and tools for extracting useful information from data.

The Institute is based at The British Library in London, and brings together researchers from the five founding universities (Cambridge, Edinburgh, Oxford, UCL and Warwick) and other partners. Its work encompasses a wide range of scientific disciplines and is relevant to a large number of business sectors (see <https://turing.ac.uk> for more information).

Faculty Fellowships. One way that researchers can work with Turing is through a faculty fellowship; this call is for academic staff working in data science (interpreted widely) to submit Expressions of Interest (Eoi) in a fellowship. The fellowships will normally begin in academic year 2017/18 and can last up to 2 years. Faculty fellowships will take the form of funding a fraction of your time (typically 20-40% FTE). Faculty Fellowships are treated by the University and the departments as research fellowships similar to those won from Research Councils and other funders. Outputs arising from FF's work at the ATI should be disseminated and published in the usual ways (including the Warwick affiliation).

This scheme corresponds to a significant investment of time in participating in the Institute's interdisciplinary and multi-institutional research projects and programmes, whereby groups of Turing researchers work together to tackle a problem. Some of the current projects have stemmed from work with the Strategic Partners (Lloyds Register Foundation, GCHQ, Intel and HSBC (see <https://www.turing.ac.uk/partners/>)).

The fellowship pays for the member of staff to devote a substantial fraction of their time to undertake research in data science and its applications at the Institute in London. Travel and

subsistence costs to attend the Institute regularly will be supported. It is an excellent opportunity to forge links with the Institute and to be a part of building its research culture. Applications are also possible from academics with full funding from other sources, subject to the agreement of the funder.

Application details. Your expression of interest should include a CV and a one-page statement of your proposed research and how your expertise is relevant to the Institute's mission. Targeted application areas include (but are not limited to): Data Centric Engineering; Defence & Security; Culture & Media; Smart Cities; Financial Services; Health & Wellbeing. Research expertise is sought in topics including privacy, social data science, systems & platforms, and statistics. The current research strategy is at <https://www.turing.ac.uk/news/the-alan-turing-institute-shaping-our-strategy/>

You can find details of current ATI research and faculty fellows at

<https://www.turing.ac.uk/people/> Your research programme should explain how your expertise would be complemented across the founding university partners, and how it would connect with existing Turing Institute projects and programmes. Departmental approval will also be required, though this need not be before submitting your EoI.

The nature of these collaborations is flexible, with the emphasis on the quality of the science and the added value of undertaking the work at the Institute. It is expected that the funded time should be spent at the British Library, and you should detail your proposed pattern of work together with estimated travel and subsistence costs in your proposal (this can go beyond the one page limit for the research statement). If you are accepted, these costs will be funded by the Institute in addition to salary costs. Please include a clear statement of the percentage of your time that you propose to be funded by the fellowship.

Applications will be evaluated by members of the University's Turing Institute steering group and senior members of the Turing Institute. Evaluation will be based on research excellence and alignment with Turing Institute priorities. We expect the evaluation process to take 1-2 months.

Briefing meeting. There will be a briefing meeting giving more details about the Institute's scientific strategy and research priorities, and the opportunity for questions about the fellowship scheme. It will be held in 1.04 in the Oculus building 2-3pm on Tuesday 25th April.

Contacts. For questions about the fellowship scheme, please contact Professor Graham Cormode (University of Warwick-Turing Institute liaison director) g.cormode@warwick.ac.uk Submissions should be made electronically (in PDF or Word format) to Clare Roberts, C.Roberts.2@warwick.ac.uk, with copy to g.cormode@warwick.ac.uk

The closing date for submissions for this call is 3rd May 2017.