

Faculty of Arts and Sciences Graduate Teaching Assistantships/PhD Studentships

About Us

The Faculty of Arts and Sciences is home to a large and diverse group of disciplines with a track record of excellence in research, much of which crosses traditional disciplinary boundaries. We are particularly keen to continue to build our research capacity, and welcome applications for studentships spread across all subject areas in the Faculty.

The University Research Institutes

In all Faculties successful candidates with appropriate projects will be associated with one of the University's three Research Institutes in addition to being based in a department or faculty:

The Institute for Creative Enterprise (ICE)

ICE is a practice-led and theoretically grounded interdisciplinary research forum which connects us with the digital and creative economy and with cultural institutions.

For further information see <https://www.edgehill.ac.uk/ice/>

The Institute for Public Policy and Professional Practice (I4P)

I4P Values Statement and Research Themes:

I4P was established to promote the following: that the relationship between academics both as researchers and as teachers **should be informed by and seek to inform the world of practice and public policy** ; that one important dimension of being a University is that it is located within and seeks to actively and consciously listen to and be engaged with those different communities that are or can be shaped by its work, its values and its ideas; and that **we should – explicitly – be promoting the importance of shared learning , knowledge creation and knowledge exchange.**

For further information see <https://www.edgehill.ac.uk/i4p/>

Postgraduate Medical Institute (PGMI)

The PGMI seeks to lead, support and drive evidence-informed research in health and social care that is sensitive to the needs of service users and providers.

For further information see <https://www.edgehill.ac.uk/pgmi/>

Computer Science

The Computer Science Department is active in research, knowledge exchange and enterprise with a fast-growing research environment and reputation. It has an established postgraduate research community and has attracted funding from both national and European sources. The Department has recently moved to a new £13m Tech Hub building housing state-of-the-art facilities (i.e. the first 4K CAVE in a UK Institution, transparent multi-touch screens, high-end data analytic servers, IoT kits, 3D scanner/printer, etc). The Department is focusing its research in the areas of data analytics and visualisation, disruptive technologies and infrastructures.

Research proposals are invited on the following:

- Big data analytics, machine and deep learning, decentralised data analytics
- Text and data mining, noSQL analytics, natural language processing, sentiment analysis
- Augmented and virtual reality, computer vision, visual computing, wearable computing
- 3D computer graphics, data visualisation, visual data analytics, machine vision
- 3D vision, object recognition, advanced analytics, image/video analytics, pattern recognition
- Autonomous systems, cloud computing, IoTs, wireless communications, telecommunications

Informal enquiries may be addressed to the Head of Department, Professor Nik Bessis, Nik.Bessis@edgehill.ac.uk