POST-DOCTORAL TEACHING FELLOW IN COMPUTER SCIENCE - 2ACOMPU1E
RECRUITMENT PACK

Closing date: Friday 11th January 2019 by 5.00 p.m.
POST: Post-Doctoral Teaching Fellow in Computer Science

FACULTY/DEPARTMENT: Department of Mathematics and Computer Science, Faculty of Science

STARTING DATE: Immediate start until 31st July 2019

SALARY RANGE: £33,199 - £39,609 per annum (Grade 7)

TYPE OF CONTRACT: Fixed-term

HOURS: 35
REPORTING TO: Professor Atulya Nagar

THE POST:
The Department of Mathematics and Computer Science is looking for applicants with a PhD in the areas of Artificial Intelligence or Machine Learning and their applications, a strong research track record, and the capacity to teach in a variety of areas of our programmes at undergraduate and postgraduate level.

The department hosts a number of undergraduate programmes including Mathematics, Computer Science, Artificial Intelligence, Information Technology, Robotics, and Electronic Engineering as well as MSc programmes in Mathematics, Computer Science, and Robotics and a postgraduate research programme. This is a thriving and enthusiastic team, which values teaching, is highly supportive of student learning, and has well-established research in the area of Applied and Computational Mathematics, Theoretical Computer Science, Natural Computing, Intelligent Systems, Robotics, and Applied Informatics. The team is fully committed to excellence in teaching, to enhancing the student experience, and to delivering research of the highest quality.

In the recent Research Excellence Framework (REF) 2014 exercise the Department of Mathematics and Computer Science achieved 5th place for Research Intensity metric in Computer Science and Informatics Unit of Assessment in the North-West; and 100% of our research outputs have been rated internationally excellent or internationally significant. As a highly research active Department, with particular expertise in the area of ‘Computational Mathematics’, 87.5% of the staff contributed to the REF 2014 assessment exercise.

Though this a Post-Doctoral Teaching Fellowships and not Post-Doctoral Research Fellowships, successful candidates will also be encouraged to make a contribution to a range of research activities within the department and to develop their research profile. Research interests should complement the existing research profile in the department. While applicants with expertise in any area of Computer Science are encouraged to apply, we would be particularly interested in receiving applications from those with a strong research background in one or more of the following areas:

- Artificial Intelligence and Intelligent Systems
- Data Science

Requirement for a PhD

Please note that this is a ‘Post-Doctoral’ Fellowship and a Doctorate is in all cases required. Applications from persons who are nearing completion of a PhD will be considered; however, a PhD will need to have been awarded prior to the post being taken up.¹ Please include the title and a copy of the abstract of your PhD in your application.

Requirement for FHEA or equivalent

The University seeks to ensure that all academic staff who teach have relevant training and/or experience. To this end all fixed-term staff are required as a minimum to undertake our in-house 15 credit M level module in ‘Classroom Practice’, which is the first module of our full 60 credit Postgraduate Certificate in Learning and Teaching in Higher Education (PGCLTHE). The University covers the cost of this and it is delivered intensively within the first few weeks of the new academic year (total contact hours are around 15). PDTF’s may also, if they wish, undertake the PGCertLTHE.

¹ Formal graduation is not necessary prior to taking up the post. However, the viva will need to have taken place and any required corrections completed and signed off by the examiner(s). Hope will require confirmation from the awarding University to this effect.
in full. The University will cover the cost of this. However, as the PGCertLTHE is not a requirement, it is not factored into the workload.

JOB DESCRIPTION/KEY DUTIES OF THE POST:
The academic Role Profile for Post-Doctoral Teaching Fellow gives further and precise guidance regarding the level and type of activity required at this grade at Hope. Below is a broad indication of typical key duties. This Job description is a guide to the work you will initially be required to undertake. It may be changed from time to time to meet changing circumstances. It does not form part of your Contract of Employment.

Pedagogic work, including:

a. teaching/lecturing, tutorial and seminar work
b. setting, invigilation and marking of examinations and other forms of assessment
c. supervision of undergraduate projects and student placement visits

Curriculum development, including:

a. planning, development and evaluation of courses and course materials

Staff development activities, including:

a. participation in internal/external activities and/or professional experience
b. participation in staff performance review and subject monitoring procedures

Administration, covering:

a. the administration and management of education and training programmes which may include responsibilities relating to publicity, public relations, marketing, recruitment and admissions of students
b. serving on internal/external committees or other bodies

Student support and Pastoral care

a. as appropriate to the mission of the university with particular focus on student achievement and retention

Research and consultancy, covering:

a. support and work with the Head of Department in various research activities
b. consultancy work carried out either within Hope, or externally

NAME OF CONTACT FOR QUERIES:
Prof. Atulya Nagar
Dean of the Faculty of Science
Head of Mathematics and Computer Science
Liverpool Hope University
Tel 0151 291 3930

Email: atulya.nagar@hope.ac.uk
CONDITIONS OF SERVICE:

This post is based at the Hope Park campus. However, you may be required to work in other areas of the University as and when required.

This is a fixed-term appointment available for an immediate start until 31st July 2019 in the first instance.

Salary scale for this post is £33,199 - £39,609 (grade 7) per annum. New appointments will normally be made on the first incremental point of the advertised grade within the salary scale. In certain circumstances, it may be appropriate to offer a candidate a higher incremental point of the advertised grade. Factors which may be taken into consideration when deciding an appropriate starting salary include; previous relevant experience in relation to the role and person specification, consideration of the current salary of the successful candidate (where this can be confirmed by documentary evidence or a reference from the existing employer), consideration of Equal Pay legislation and external market factors. A higher salary should not be offered purely on the fact that it has been requested. Any starting salary above the first incremental point of the advertised grade must be justified and supported by evidence. Salary is payable monthly in arrears by bank giro credit on and around the 20th of each month.

The annual leave runs from 1st September to 31st August. Holiday entitlement is 35 days per year plus statutory Public Holidays and Liturgical days. This entitlement is pro-rated for part-time staff.

FURTHER INFORMATION

Liverpool Hope University has two main teaching campuses – Hope Park in the Liverpool suburb of Childwall and the city centre Creative Campus.

We have invested more than £60 million in buildings and equipment over the past eight years and we are proud of our campuses. Stunning listed buildings sit alongside modern architecture, and with beautiful gardens and facilities, which make Liverpool Hope University a unique place to work and study.

Mission and Values

Liverpool Hope University is an ecumenical Christian Foundation, which strives:

• to provide opportunities for the well-rounded personal development of Christians and students from other faiths and beliefs, educating the whole person in mind, body and spirit, irrespective of age, social or ethnic origins or physical capacity, including in particular those who might otherwise not have had an opportunity to enter higher education;
• to be a national provider of a wide range of high quality programmes responsive to the needs of students, including the education, training and professional development of teachers for Church and state schools;
• to sustain an academic community, as a sign of hope, enriched by Christian values and worship, which supports teaching and learning, scholarship and research, encourages the understanding of Christian and other faiths and beliefs and promotes religious and social harmony;
• to contribute to the educational, religious, cultural, social and economic life of Liverpool, Merseyside, the North-West and beyond.

Liverpool Hope’s Values

Hope strives to meet the following values, which are integral to the fulfilment of its Mission:
• be open, accessible and inclusive,
• take faith seriously, being fully Anglican, fully Catholic, fully ecumenical, fully open to those of all faiths and beliefs,
• be intellectually stretching, stimulating, challenging,
• be hospitable, welcoming, cheerful, professional, full of Hope; creating supportive communities in aesthetically pleasing environments,
• be well-rounded, holistic, integrated, a team, a community of communities, collaborating in wider partnerships.

Equality and Diversity
Consistent with its Mission, Liverpool Hope strives to be a University where the individual and individuality matter. We hold students, staff and visitors in high regard and we seek to foster a working and learning environment that recognises and respects difference. All staff are expected to comply with the University’s Equality and Diversity policies in the performance of their duties.

Health and Safety
Liverpool Hope University is committed to ensuring the health, safety and welfare of all staff at work and of students, visitors and others by continuous improvement in standards of health and safety. All staff are expected to comply with the University’s Health and Safety policies in the performance of their duties.

Sustainability
Liverpool Hope University is committed to enhancing the quality of its environment for its staff and students working and living at the University and the wider community; and aims to manage its operations in ways that are environmentally sustainable, economically feasible and socially responsible. All staff are expected to work in accordance with, and promote the University’s sustainability practices.

Benefits of working at Liverpool Hope University
Liverpool Hope offers its employees a full range of benefits:

Pay and pensions
• Competitive rates of pay defined using the HERA job evaluation scheme
• Pension schemes with generous employer contributions

Home and Family
• Generous Annual Leave Arrangement
• Opportunity for flexible working arrangements
• Help with childcare costs

Training and Development
• Induction training for all new staff
• Opportunities to participate in overseas exchange with Erasmus Staff Mobility
• Staff development opportunities

Health and Well-being
• Hope Park Sports fitness suite and classes with discounted membership
• A range of food outlets with healthy eating options
• Staff counselling service
• Staff cycle scheme
- Support with lifestyle changes
- A range of social activities and groups
- On-site chapel, multi-faith prayer room and Chaplaincy
- Eye testing scheme

We also provide a variety of staff discounts ranging from reduced price Theatre tickets to discounts on beauty treatments.

Library services
Liverpool Hope’s Library Service provides access to a wide-ranging collection of physical and online resources to support learning and research. The service also provides different types of study space across both campuses to support the wide range of learning styles and needs, from individual study rooms to group spaces, and from silent study to more relaxed social learning.

Health Sciences Building
The Health Sciences building features specialist laboratory spaces dedicated to nutrition, genomics, cell biology and psychology, along with laboratories and space for sport and exercise science.

It also houses a 25m sprint track with force meters and motion capture for biomechanical analysis, a phlebotics lab for blood sampling, and treadmills and BODPODs for physiological analysis. There is also a double height robotics suite and engineering lab to aid the building and testing of drones.

Psychology labs include motor control capture and vision and colour labs as well as cognitive and neuro-behaviour suites. The building also includes space for research synergies with both Psychology and Sport.

Nutrition labs with food analysis and testing facilities, two large Bioscience and Environmental Science labs and a suite of dedicated research labs for the study of Molecular Biology, Microbiology, Cell Biology, Nutrition, Molecular Genetics, Tissue Culture and Bioinformatics take up the first floor.

The building has achieved a BREEAM ‘very good’ rating illustrating the University’s continual commitment to environmentally considerate and sustainable building design.

Car Parking
All users of University car parks are required to pay for their use. The University has a scalable charging system for annual permits and pay and display facilities for occasional users.

We recruit staff nationally and internationally as we seek out the best to help build Hope for the future. If you join us you will be doing so at an exciting and challenging time as we work to build a liberal arts inspired university of distinction in the UK.
Useful Links

www.hope.ac.uk/lifeathope/welcome
Celebrating National Recognition
www.hope.ac.uk/mathematicsandcomputerscience
www.hope.ac.uk/personnel
www.hope.ac.uk/jobs
www.hope.ac.uk/gateway/staff/staffdevelopment/newinternationalstaff
www.hope.ac.uk/media/liverpoolhope/contentassets/media,42616,en.pdf