Teaching and Scholarship Lecturer
Department of Computer Science

Closing date: 11 April 2019
Interview date: 25 April 2019
Vacancy reference: 7415
INTRODUCTION

The Department of Computer Science is recruiting two new Lecturers (Teaching & Scholarship). These post-holders will provide assistance across the first two years of the undergraduate teaching programmes. As a new Lecturer you will build up teaching responsibility progressively across both core Computer Science topics and your own academic specialisms. All students undertake a major project, proposed and supervised by a Lecturer, normally on a one-one basis. The appointees will be responsible to the Deputy Head of Department for Teaching, however it is our practice for new appointees to be mentored in both teaching development by other senior colleagues. Post-holders will be expected to enrol for the York Postgraduate Certificate in Academic Practice programme, unless they have an equivalent qualification.
Main purpose of the role

- To lecture, lead seminars, tutorials and other forms of undergraduate teaching
- To develop and apply innovative and appropriate teaching techniques and material which create interest, understanding and enthusiasm amongst students
- To carry out on-going curriculum review, including teaching content and materials and contribute to the development of teaching and learning strategies
- To undertake effectively a range of administrative and managerial responsibilities

Key responsibilities (Role holders will normally be required to undertake the duties below)

Teaching and Promotion of Learning

- To support the teaching objectives of the department by delivering teaching through allocated lectures, tutorials and other forms of undergraduate teaching.
- To set and mark coursework and examinations, providing constructive feedback to students.
- To ensure the quality of the design of existing teaching content, continually monitoring, evaluating and revising them to ensure excellence and coherence, identifying areas where current provision is in need of revision or improvement
- To develop teaching and learning activities in the department and deliver teaching across a range of modules and to all levels, through lectures, tutorials, practicals and seminars
- To oversee, develop and promote innovative teaching and learning approaches and material, which create interest, understanding and enthusiasm amongst students
- To ensure that teaching design and delivery comply with the quality standards and regulations of the University and department

Administrative and support responsibilities

- To act as internal examiner for undergraduate students.
- To supervise directly students, students’ projects, field trips and academic activities. To provide expert advice on learning best practice and helping with learning problems. To identify the learning needs of students and define learning objectives
- To contribute to planning and teaching design across a range of modules and to the administration and management of teaching programmes
- Engagement with internal and external activities that contribute to the smooth and collegial operation of the University

Involvement in scholarship and development

- To investigate innovative teaching, learning and assessment methods and techniques in the sector generally, bringing new insights to the department
- To disseminate excellent teaching practices eg. through discipline or inter-disciplinary groups both within and beyond the University

Condition of appointment

This role is exempt from the Rehabilitation of Offenders Act. Consequently, all applicants will be asked to declare both unspent and spent convictions on their application form.

Appointment of the successful candidate will be conditional on a Disclosure and Barring Service check.
## PERSON SPECIFICATION

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<tr>
<th>Qualifications</th>
<th>Essential / Desirable</th>
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<tbody>
<tr>
<td>Postgraduate degree in Computer Science or equivalent experience</td>
<td>Essential</td>
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<tr>
<td>Appropriate academic professional and teaching qualification or a willingness to complete the Postgraduate Certificate in Academic Practice</td>
<td>Essential</td>
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### Knowledge

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<tr>
<td>Extensive knowledge in Computer Science to design &amp; develop teaching programmes and the provision of learning support across different levels of academic activity</td>
<td>Essential</td>
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<tr>
<td>Knowledge of a range of teaching techniques and methodologies</td>
<td>Essential</td>
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<td>Advanced and specialist IT knowledge</td>
<td>Essential</td>
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### Skills, abilities and competencies

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<th>Essential / Desirable</th>
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<tr>
<td>Highly developed communication skills to engage effectively with a wide ranging audience, both orally and in writing, using a range of media</td>
<td>Essential</td>
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<td>Ability to innovate in teaching and learning, e.g. through the development of teaching materials</td>
<td>Essential</td>
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<td>Ability to teach at any level within area of expertise, and across a range of subjects at a more introductory level, and demonstrate enthusiasm and commitment in the process of teaching</td>
<td>Essential</td>
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<td>Ability to present specialist material in a logical, coherent and interesting manner, both to students and to fellow specialists</td>
<td>Essential</td>
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<td>Ability to obtain new knowledge by theoretical and/or practical methods</td>
<td>Essential</td>
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<tr>
<td>Ability to disseminate scholarly work, for example presenting papers at conferences and workshops, development of appropriate websites and publishing articles or papers in academic journals</td>
<td>Essential</td>
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## PERSON SPECIFICATION

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<th>Experience</th>
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<td>Experience in teaching and learning in HE at undergraduate or postgraduate level or in an evidenced similar context</td>
<td>Essential</td>
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<td>Experience of using different delivery techniques to enthuse and engage students</td>
<td>Essential</td>
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<td>Evidence of successful planning and teaching design across a range of modules</td>
<td>Essential</td>
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<td>Evidence of lecturing, leading seminars, tutorials and other forms of undergraduate and postgraduate teaching</td>
<td>Essential</td>
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### Personal attributes

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<tr>
<td>Attention to detail and commitment to high quality</td>
<td>Essential</td>
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<td>Displays creativity, initiative and judgement in applying appropriate approaches to teaching, learning support and scholarly activities</td>
<td>Essential</td>
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<td>Collaborative ethos</td>
<td>Essential</td>
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<td>Positive attitude to colleagues and students</td>
<td>Essential</td>
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<td>Willingness to work proactively with colleagues in other work areas/institutions</td>
<td>Essential</td>
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<tr>
<td>Ability to disseminate scholarly work, for example presenting papers at conferences and workshops, development of appropriate websites and publishing articles or papers in academic journals</td>
<td>Essential</td>
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<tr>
<td>Commitment to personal development and updating of knowledge and skills</td>
<td>Essential</td>
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THE DEPARTMENT

The Department is housed in purpose-built accommodation within the Heslington Campus East. The Department has over 60 members of academic and teaching staff and 28 research associates and fellows employed on research grants and contracts. Several specialist teaching staff deliver modules to industry as part of our highly regarded CPD programme in safety critical systems.

We have a vibrant graduate school of approximately 160 research students, and around 550 undergraduate and 220 full-time and part-time taught postgraduate students. The professional support team comprises 24 administrative staff and 12 technical and computing staff.

For new Lecturers, teaching duties are likely to include teaching at undergraduate and postgraduate levels, pastoral supervision of students, and supervision of project students. Lecturing is likely to be as part of a small team, and a teaching mentor will be assigned to each post-holder to aid their integration and development. In addition, the post-holders will take part in the York Postgraduate Certificate in Academic Practice programme, unless they have an equivalent qualification.

The Department of Computer Science has a very strong international research record. The Research Excellence Framework (REF) 2014 results ranked York’s Computer Science 7th overall in the UK, 5th for impact and 6th for environment. 90% of our REF submission was rated as “world leading” or “internationally excellent”. This result confirms the longstanding global reach and real-world significance of our research and makes us one of the best departments in the country for nurturing excellent research and achieving economic, social and cultural impact from research. The Department has strong and long-standing links with industry and is highly regarded for its Continuing Professional Development (CPD) courses.
THE UNIVERSITY

Founded on principles of excellence, equality and opportunity for all, the University of York opened in 1963 with just 230 students. In 2019 it is the home of more than 18,000 students across more than 30 academic departments and research centres. Since opening over fifty years ago, we have become one of the world's leading universities and a member of the prestigious Russell Group.

We are consistently recognised as one of the leading Higher Education Institutes and one of just six post-war universities to have appeared in the world top 100. We were rated 22nd in the 2019 Times & Sunday Times league table. The University of York has won six Times Higher Education (THE) Awards and five Queen’s Anniversary Prizes.

The University is proud of its association with Athena SWAN, holding multiple awards in support of gender equality, representation and success for all, with gold awards for Chemistry and Biology and a University-wide bronze award.

Of 154 universities that took part in the Research Excellence Framework (REF) in 2014, The University of York ranked 14th overall and 10th for the impact of our research. The University is consistently in the top ten UK research universities and attracts over £60m a year of funding from research alone.

Our vision is to make the University of York a world leader in the creation of knowledge through fundamental and applied research, the sharing of knowledge by teaching students from varied backgrounds and the application of knowledge for the health, prosperity and well-being of people and society.
Attractive workplace

Centred around the picturesque village of Heslington on the edge of the city of York, our colleges are set in an attractive landscaped campus. York enjoys a safe, friendly atmosphere with facilities including bars, shops, theatres and concert halls all within easy walking distance.

The University has undergone an unprecedented period of expansion and renewal since 2000. We have invested in twenty new buildings on the original campus and have completed the first and second phases of a £750m campus expansion. Our investment in new colleges, teaching and learning spaces, laboratories, research facilities and a new sports village mean there has never been a better time to join us.

During this period of change we’ve worked hard to retain our friendly, informal and collegiate atmosphere, which is important to our core values of inclusivity and interdisciplinarity.

We have a thriving international community and are committed to providing staff moving to York with as much support as possible through our Relocation Package and Welcome Officers.

The University is committed to promoting a diverse and inclusive community - a place where we can all be ourselves and succeed on merit. We offer a range of family friendly, inclusive employment policies, flexible working arrangements, staff engagement forums, campus facilities and services to support staff from different backgrounds.

For further information please visit our employee benefit pages.
THE CITY AND THE REGION

The City of York

Internationally acclaimed for its rich heritage and historic architecture, York's bustling streets are filled with visitors from all over the world. Within its medieval walls you will find the iconic gothic Minster, Clifford's Tower and the Shambles - just a few of the many attractions.

But York isn’t just a great place to visit - it’s also a great place to live and work. While nourishing a vibrant cosmopolitan atmosphere, York still maintains the friendly sense of community unique to a small city.

Visit www.visityork.org for more information on the city of York

Shopping, culture and entertainment

York boasts specialist and unique boutiques but also all the high street stores on its busy shopping streets. Alongside them you will find cinemas, theatres, an opera house, art galleries, a vast range of restaurants, live music venues and clubs. York is particularly renowned for its multitude of pubs and bars, from the modern to the medieval.

Housing and schools

Whether you choose to live close to the city, in one of the surrounding villages or further afield, you will find a wide range of housing within comfortable distance of York and the University. For families, the area has a range of excellent schools both in the state and independent sector.

Great location

York is one of Britain's best-connected cities. Halfway between London and Edinburgh on the East Coast mainline, on intercity trains you can reach London King’s Cross in less than two hours and Edinburgh in two and a half hours. York is also well served by road links, and it is easily accessible from the A1, M1 and the M62.

For those travelling from overseas, Manchester Airport is two hours away and Heathrow Airport just three and a half. Flights from nearby Leeds Bradford Airport provide easy access to mainland Europe. By Eurostar from London St Pancras, Paris is just over six hours away.

Yorkshire

The Lonely Planet guide recently declared Yorkshire the third best region in the world to visit. There is something to cater to every taste, whether it be the rugged landscapes of the Moors or the Dales, the picturesque seaside towns of Scarborough and Robin Hoods Bay, the gothic architecture of Whitby or the vibrancy of cosmopolitan Leeds.
Apply online

- Go to https://jobs.york.ac.uk
- Find this job using reference 7415
- Complete the online application form

You will need to submit your completed application by midnight (local UK time) on 11 April 2019

What will I need?

You will need to upload:

- your CV
- a letter describing how you meet the requirements of the job

You will also need details of 4 referees.

Help and assistance

Direct any informal queries to Professor Neil Audsley (neilaudsley@york.ac.uk, +44 (0)1904 32 3140) or with the Deputy Head of Department - Teaching, Simon O’Keefe (simon.OKeefe@york.ac.uk, +44 (0)1904 325501)

If you have any questions about your application, contact the HR Services team:

recruitment@york.ac.uk
+44 (0)1904 324835