



## Teaching Fellow / Senior Teaching Fellow in Cyber Security

**Reference:** R220488

**Salary:** depending on experience

Grade 8 £35,333 to £42,155

Grade 9 £43,414 to £51,805

Grade 10 £53,353 to £61,823, per annum.

**Contract Type:** Continuing

**Basis:** Full Time

# Job description

## Job Purpose:

We have an opportunity(s) in the Operations and Information Management (OIM) Department for a Teaching Fellow / Senior Teaching Fellow in Cyber Security. Appointments will be made based on the experience and academic profile of the candidate.

The Cyber Security Innovation (CSI) [csiresearch.co.uk](https://csiresearch.co.uk) Centre at Aston brings together stakeholders from industry, government and leading cybersecurity research institutions. CSI members include globally recognized academics undertaking projects that address real-world cyber security challenges through innovative solutions. The scope of the international Cyber Security & Innovation Centre is to strategically manage operations and build effective relationships across academia, industry and policy makers.

As part of our growth strategy, we are seeking inspirational and highly motivated individuals to contribute to the development of the Department's teaching, PhD/DBA supervision, and enterprise activities. We welcome discussions with prospective candidates whose interests include, but are not limited to: information systems, emergent technologies, cyber security, VFAs and crypto currencies, artificial intelligence and machine learning, IT consultancy, e-business and virtual organisations.

Candidates should have experience of teaching technology management, digital transformation, technology consulting, cybersecurity, privacy and data security management; AI and machine learning as well as blockchain experience are desirable. We are keen to discuss new ideas to strengthen our teaching portfolio, research profile and business support provision.

You will have a good first degree as well as a PhD, or equivalent, in a relevant academic discipline. It would be desirable to be able to demonstrate an emerging record of innovative teaching and links to industry and or society. We are especially looking for people with practical IT/IS skills (e.g. database and IS/IT systems development) and a 'hands-on and can-do' attitude.

In addition, applicants should have experience of supervising UG and PG dissertation projects. Ability to supervise DBA/PhD students is also desirable.

Applicants should clearly state which level they applying.

## Main Duties/Responsibilities:

### Teaching and Learning

- ▶ To teach students at different levels as appropriate including foundation, undergraduate and postgraduate students, and to carry out the associated examining processes. Senior Teaching Fellows will demonstrate a track record of quality and innovation in learning and teaching.
- ▶ To provide effective leadership of teaching teams e.g. through programme management, curriculum design, implementation and innovations leading to improvements in student learning and the student experience.
- ▶ To provide academic support, pastoral care and advice, guidance and feedback to students in accordance with the School's requirements and procedures.

- ▶ To contribute to the development of School teaching and learning strategies, including taking on roles representing the School e.g. on Learning and Teaching Committee, Senate etc.
- ▶ To identify opportunities for the strategic development of new courses or areas of activity.
- ▶ To advise others on strategic issues such as student recruitment, marketing, staff appointments and student and other performance matters.
- ▶ To lead on supporting and promoting standards, quality assurance, audit and other external assessments within the University. Carrying out evaluation and development of in terms of content, delivery and assessment as well as reviewing delivered modules, setting and receiving student feedback questionnaires.
- ▶ To formally and informally mentor junior colleagues in teaching, providing developmental feedback e.g. through peer observation

## **Research**

- ▶ To lead a pedagogical and/or academic research programme consistent with the priorities and strategy of the School, making original contributions to scholarship in the discipline.
- ▶ To publish the outcomes of research in professional journals, textbooks and at professional conferences and seminars etc.
- ▶ To disseminate the findings of pedagogical research to colleagues within the School, the University and the wider community to benefit and promote good practice.
- ▶ To have evidence of securing competitive external research funding for subject and/or pedagogical research relevant to the subject discipline as principal investigator/project leader on an individual or collaborative basis.
- ▶ To collaborate in initiatives with colleagues in and beyond the School as appropriate.
- ▶ To supervise students at Masters and Doctoral levels (where qualified to do so) to completion and foster an environment which encourages research among students at postgraduate level.

## **External Engagement**

- ▶ To represent the interests of the subject and School via activities to raise the regional, national and international profile, particularly with the professions, schools and businesses.
- ▶ To develop student placement schemes with companies and research institutions both in the UK and overseas.
- ▶ To contribute to businesses, the public sector and communities e.g. through innovation, knowledge transfer, cultural enrichment, advising government bodies, contributing to and influencing government (UK and overseas) policy-making and standards.
- ▶ To forge relationships and enhance the University's reputation with professional/scholarly bodies and other bodies representing relevant professional interests.

## **Citizenship**

- ▶ To carry out specific School roles and functions as may be reasonably required (e.g. Module Co-ordinator, Programme Co-ordinator, Personal Tutor, Admissions Tutor), these being equitably distributed across the academic staff.
- ▶ To provide pastoral care and support to students.
- ▶ To act as coach and mentor to junior colleagues across the school.
- ▶ To take part in and, if required, manage staff seminars, cross-departmental activities and events e.g. Open Days, Sixth Form Conferences etc.
- ▶ To take part in and, on occasion, act as Chair of one or more of the School committees, these responsibilities being equitably distributed across the academic staff.
- ▶ To display and promote Aston values through own actions and behaviour.
- ▶ To undertake such other duties as may be reasonably requested and that are commensurate with the nature and grade of the post.

## **Additional responsibilities**

- ▶ Engage in continuous personal and professional development in line with the demands of the role, including undertaking relevant training and development activities to develop themselves and support the development of others.
- ▶ Ensure and promote the personal health, safety and wellbeing of staff and students.
- ▶ Carry out duties in a way which promotes fairness in all matters and which engenders trust.
- ▶ Promote equality of opportunity and support diversity and inclusion as well as working to support the University's environmental sustainability agenda and practices.

# Person specification

	Essential	Method of assessment
<b>Education and qualifications</b>	<p>A good first degree in a relevant subject.</p> <p>A recognised teaching qualification at an appropriate level e.g. PGCPP (or equivalent) as well as a Post Graduate qualification in a relevant subject</p> <p>Membership of Advance HE (formally known as the Higher Education Academy or HEA)</p> <p><b>Grade 9 and 10</b></p> <p>At Senior Fellow, or commitment to attain senior level within 24 months of joining.</p>	Application form
<b>Experience</b>	<p>Experience of teaching and assessment on relevant undergraduate and postgraduate programmes and of professional examining.</p> <p>Experience of course management at module or programme level.</p> <p>Experience of leading and embedding teaching and learning initiatives across School/University.</p> <p>Experience of initiating an independent line of pedagogic research and in applying for and securing external research funding.</p> <p>A track record of publications in e.g. authored textbooks, review articles, conference presentations at national and international level.</p> <p>Experience of mentoring, coaching colleagues in teaching and learning.</p> <p>Track record of quality and innovation in teaching and learning and evidence of ongoing CPD.</p>	Application form and interview
<b>Aptitude and skills</b>	<p>Ability to lead the development of the teaching strategy within the subject area and beyond.</p>	Application form and interview

	Essential	Method of assessment
	<p>Highly developed communication and presentation skills</p> <p>Ability to develop internal and external networks that will raise the profile of the subject/University.</p> <p>Ability to develop and maintain a pedagogic research programme and to publish in high quality journals.</p> <p>Ability to harness IT as a teaching and research tool.</p> <p>Ability to provide tutorial and counselling advice to undergraduate and postgraduate students.</p> <p><b>Grade 10</b></p> <p>Ability to take on leadership role at Academic Department/School/University level.</p>	

	Desirable	Method of assessment
<b>Education and qualifications</b>	<p>A higher degree in a relevant subject and/or equivalent professional experience.</p> <p><b>Grade 10</b></p> <p>Membership of Advance HE (formally known as HEA) at Principal level.</p>	Application form
<b>Experience</b>	<p>Proven hands-on teaching record in most of the following disciplines:</p> <ul style="list-style-type: none"> <li>• Cybersecurity objectives, security architecture, application and network security,</li> <li>• privacy and data security management,</li> <li>• cybersecurity management frameworks ( eg NIST, ISO27K, CAF, others)</li> <li>• digital transformation,</li> <li>• technology consulting,</li> <li>• AI and Machine Learning</li> </ul> <p>as well as blockchain experience are desirable.</p>	Application form and interview

	Desirable	Method of assessment
<b>Aptitude and Skills</b>	<p>Able to engage with business.</p> <p>An innovative 'hands-on' and 'can-do' mindset.</p>	Interview and presentation



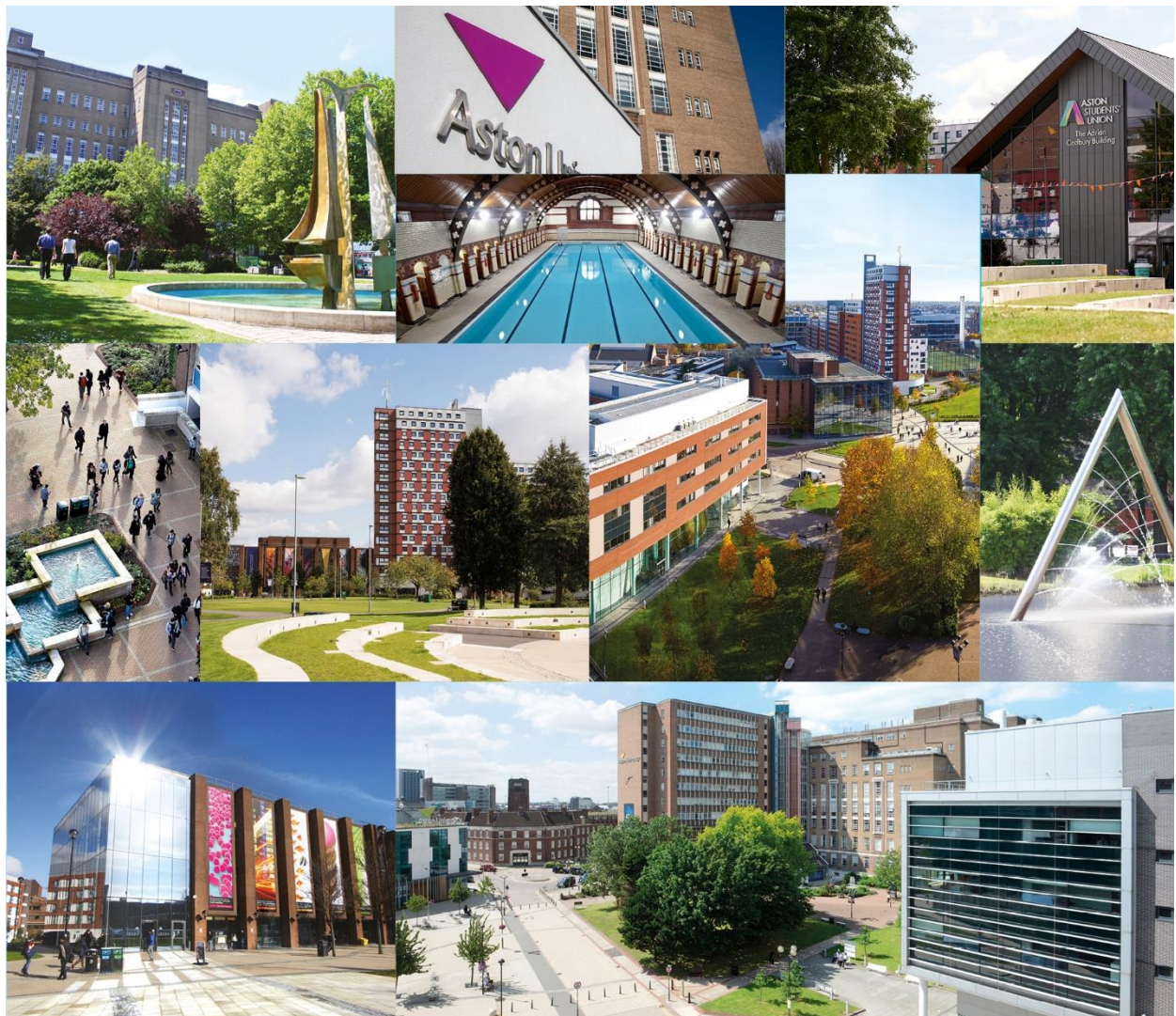
# How to apply

You can apply for this role online via our website <https://www2.aston.ac.uk/staff-public/hr/jobs>.

Applications should be submitted by 23:59pm on the advertised closing date.  
All applicants must complete an application form, along with your CV.

Any CV sent direct to the Recruitment Team and Recruiting Manager will not be accepted.

If you require a manual application form then please contact the Recruitment Team via [jobs@aston.ac.uk](mailto:jobs@aston.ac.uk).





# Contact information

## Enquiries about the vacancy:

Name: Professor Vladlena Benson  
Job Title: Director of Cyber Security Innovation Centre  
Email: [b.t.clegg@aston.ac.uk](mailto:b.t.clegg@aston.ac.uk)

## Enquiries about the application process, shortlisting or interviews:

Recruitment Team via [jobs@aston.ac.uk](mailto:jobs@aston.ac.uk) or 0121 204 4500.

# Additional information

Visit our website <https://www2.aston.ac.uk/staff-public/hr> for full details of our salary scales and benefits Aston University staff enjoy

**Salary scales:** <https://www2.aston.ac.uk/staff-public/hr/payroll-and-pensions/salary-scales/index>

**Benefits:** <https://www2.aston.ac.uk/staff-public/hr/Benefits-and-Rewards/index>

**Working in Birmingham:** <https://www2.aston.ac.uk/birmingham>

**Employment of Ex-Offenders:** Under the Rehabilitation of Offenders Act 1974, a person with a criminal record is not required to disclose any spent convictions unless the positions they applying for is listed an exception under the act.

## Eligibility to work in the UK:

### New immigration system from 1 January 2021

A new immigration system has been introduced for people arriving in the UK from EEA countries with effect from 1 January 2021. In addition to those who have always required a visa, EU citizens who were not resident in the UK before 31 December 2021 will need to get a visa in advance.

You can find more information [here](#)

Candidates should check their eligibility to enter or remain in the UK in advance of making any job application via the [UKVI website](#). Before applying you should ensure that you meet the requirements, including meeting the English Language requirements. If you do not meet the eligibility criteria, any application for a work visa would be unsuccessful.

If you require a visa to work in the UK the most common types of visa are:

- Skilled Worker Visa <https://www.gov.uk/skilled-worker-visa>
- Global Talent Visa

If you are a leader or potential leader in one of the following fields you may be eligible to

apply for a Global Talent Visa:

- Academia or Research
- Arts and Culture
- Digital Technology

Please click the following link for further information and to check your eligibility for this visa.  
<https://www.gov.uk/global-talent>

**Equal Opportunities:** Aston University promotes equality and diversity in all aspects of its work. We aim to ensure, through our admissions policies for students, and our staff recruitment and selection processes that we encourage applications from all groups represented in the wider community at a local, national and international level.

The University will endeavour not to discriminate unfairly or illegally, directly or indirectly, against student or potential students, staff or potential staff. This commitment applies to all functions of the University and to any stage of an individual's career.

An Equal Opportunities Monitoring Form is included within the application form. Data you provide on the Equal Opportunities Monitoring Form will be included in a general database, for statistical monitoring purposes, enabling the University to monitor the effectiveness of its Policy, Codes of Practice and Guidelines on Equal Opportunities in Employment. Individuals will not be identified by name.

**Data Protection:** Your personal data will be processed in compliance with the Data Protection Act 2018 and the General Data Protection Regulation ((EU) 2016/679) ("GDPR"). The University's Data Protection Policy and Privacy Notices, including the Job Applicant Privacy Notice can be found at <https://www2.aston.ac.uk/data-protection>. Your application will only be used to inform the selection process, unless you are successful, in which case it will form the basis of your personal record with the University which will be stored in manual and/or electronic files. Information in statistical form on present and former employees is given to appropriate outside bodies.

Full details of our terms and conditions of service and associated policies and procedures are available online at <https://www2.aston.ac.uk/staff-public/hr/policies>

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**Where change  
gets real.**