Strathclyde Global Talent Programme (Chancellor's Fellow): Computer & Information Sciences

Staff Category	Academic	Grade:	7 or 8*
Salary Range:	£38,592 - £61,823*	Contract Type:	Open Contract
FTE:	1 FTE (hours required to fulfil duties of post – Happy to Talk Flexible Working)	Closing Date	Sunday, 23 October 2022
Reference No	434447		

Job Advert

Who we are

Great minds. Innovative solutions.

We are the University of Strathclyde. Our vision is innovative and ground breaking, placing us amongst the world's leading international technological universities. We are vibrant, dynamic and passionate about solving the challenges facing society and industry through our cutting-edge, multi-disciplinary research, education and knowledge-exchange with global partners.

We are seeking to appoint exceptional early career academics who complement our strategic themes.

For more information visit the Strathclyde Global Talent Programme Website:
www.strath.ac.uk/workwithus/strathclydeglobaltalentprogramme or email globaltalent@strath.ac.uk

Trusted AI and Data Analytics
We'd love to hear from you if you work in Trusted AI and/or Data Analytics. We interpret this widely so any connection between Trusted AI and Data Analytics and your own research is great. This might be related to our research groups, or maybe a new connection as we are always interested in new research topics. Our current research groups are:

AI and Data Analytics: We collectively address challenges that allow humans to understand and trust what AI systems are and how we interact with them to co-create solutions. We study fundamental models and technologies to support this vision, and we also work closely with experts from a range of domain in health, finance and agriculture to deliver impact. If you have interest in (not limited to) explainable AI, trustworthy AI, AI robustness and bias, and human factors in AI and please do apply.

Strathclyde Information Science Research Group: We span the human-system information boundary, working across the areas of interactive information retrieval, information engagement, and information behaviour. We create information solutions such as retrieval systems, search interfaces, and conversational agents for domains such as health, professional search, and cultural heritage. Our goal is to help people make the most of the information available to them and much of our work is inspired by the desire to create a fairer society.

Cybersecurity Group: We build resilience for future societies in cybersecurity contexts. We take problem-driven approaches, working to understand people and organisations - their behaviours, experiences, and challenges online - in the face of current and future threats to identity, privacy, and security. We strive to design solutions that enable citizens and organisations to operate online safely and securely to achieve their desired goals, and to protect them from harms. We consciously take into account the needs of those who are disenfranchised. You can play a key part in our cybersecurity endeavours, bringing a focus that encompasses AI and data.

Mathematically Structured Programming: We use mathematics to understand the nature of computation, and then turn that understanding into the next generation of programming languages. We see the mathematical foundations of computation and programming as inextricably linked. We study one so as to develop the other. This reflects the symbiotic relationship between mathematics, programming, and the design of programming languages — any attempt to sever this connection will diminish each component. If you are interested in the application of category theory, type theory, functional programming and logic to AI and Data Science, please do apply.

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The University of Strathclyde is a charitable body, registered in Scotland, number SC015263

THE AWARDS 2019 | WINNER UK UNIVERSITY OF THE YEAR FOR A SECOND TIME

Times Higher Education University of the Year 2012 & 2019
Times Higher Education Widening Participation Initiative of the Year 2019
The University of Strathclyde is rated a QS 5-star institution

GOOD UNIVERSITY GUIDE 2020 SCOTTISH UNIVERSITY OF THE YEAR

Digital health: We design, develop, implement, and evaluate real-world digital health and care solutions. We're driven by user-centred design and work in partnership with key stakeholders to create smart, data driven and connected digital health and care technologies that have a positive impact on individuals, communities, and organisations at scale.

The opportunity

The University of Strathclyde is a socially progressive institution that strives to ensure equality of opportunity and celebrates the diversity of its student and staff community. Strathclyde is people-oriented and collaborative, offering a supportive and flexible working culture with a deep commitment to our equality, diversity and inclusion charters, initiatives, groups and networks. As a Department we have had exceptional recent successes across all of our activities so you will joining a vibrant, energetic, happy and forward looking department keen to do more. We are committed to equality and diversity and work hard to ensure equal participation and equality of opportunities for all. We strongly encourage applications from Black, Asian and minority ethnicity, women, LGBTQIA+, disabled candidates, candidates from lower socio-economic groups, and care-experienced backgrounds.

You'll be rewarded with:

- Growth of your research portfolio
- Reduced teaching load and limited administrative duties over the initial years of your Fellowship
- Support through our academic career development framework to gain feedback on your performance, meet your training needs and enhance your effectiveness – allowing you to be ready for promotion within 5-years of your appointment
- Mentoring, to help you establish a balance of research, teaching, knowledge exchange and citizenship responsibilities while enhancing your leadership qualities to support your long-term career.

* Your Fellowship will normally be at lecturer level (exceptionally, at senior lecturer (Grade 9) (£54,949 - £61,823) where you have a strong track record in research leadership) for 5 years, with the expectation that you'll meet our promotion criteria within that period and be transferred to senior lecturer (or, where you've been appointed as a senior lecturer, Reader) level.

Job Description

Initially, your focus will be on establishing an impressive strategically-aligned research portfolio, with appropriate attraction of external funding. Whilst a lower teaching load will initially be assigned to you, over the course of your Fellowship, additional teaching and citizenship will be assigned to you in line with the duties of a Lecturer (or Senior Lecturer, as appropriate).

Main Activities/Responsibilities:

1.	**Research Leadership and Dissemination**: Engage in individual and collaborative strategically-aligned research, establishing a distinctive programme of research and disseminating results through regular publications in high impact journals, books and conference proceedings. [Senior Lecturer level only]: grow research programmes of national/internationally excellence, securing funding and managing research groups, providing nurture, support and guidance to research staff and students and academic colleagues as appropriate
2.	**Funding**: Apply, as Principal- or Co-Investigator, to appropriate external bodies for research funding and manage grants awarded.
3.	**Knowledge exchange**: Develop knowledge exchange activities by, for example, establishing research and/or educational links with industry and influencing public policy and the professions.
4.	**Additional activities over 5-year period**: Undertake additional activities relating to research, teaching, knowledge exchange and administration such that the criteria for Senior Lecturer (or Reader, if an appointed as Senior Lecturer) are met by the end of the Fellowship.

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Person Specification

Educational and/or Professional Qualifications

(E=Essential, i.e. a candidate must meet all essential criteria to be considered for selection, D=Desirable)

E1 Good honours degree and PhD in relevant discipline/s.

E2 Strategically-aligned research interests, with a body of published research in high quality publications demonstrating standards of excellence.

E3 Track record of securing research funding and/or potential to lead successful research bids, including research fellowships (e.g. UKRI Future Leaders Fellowship, Leverhulme, Royal Society, ERC)

E4 A passion for delivering research-integrated teaching and a commitment to providing an excellent learning and teaching experience for Strathclyde students.

E5 Ability to work within an academic team environment and lead teams where required, in a manner consistent with the University's Values.

E6 Excellent interpersonal and communication skills, with the ability to listen, engage and persuade, and to present complex information in an accessible way to a range of audiences;

E7 [Senior Lecturer level only]: extensive experience of research leadership and of leading successful research funding applications.

D1 Relevant teaching experience at undergraduate and/or postgraduate levels;

D2 Track record in knowledge exchange related activities.

Application Procedure

To apply, [click here] to visit Strathclyde's vacancies portal and provide:

- A fully completed application form;
- A CV; and
- A 5-year Strathclyde research plan which outlines your vision, aligned to our strategic plan and highlights any existing or future opportunities for collaborative initiatives. (maximum 4 pages).

For more information, or to contact a Strathclyde colleague who would love to talk to you about this opportunity, please contact Professor Neil Ghani – neil.ghani@strath.ac.uk.

Academically Advanced

Socially Progressive

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Other Information

University Values
The University's Values capture what we're all about: who we are, what we believe in and what we stand for. Our Values have been derived from how we act and how we expect to be treated as part of Strathclyde.