

Strathclyde Global Talent Programme (Chancellor's Fellow):

Measurement Science & Enabling Technologies

Staff Category	Academic	Grade:	7 or 8*
Salary Range:	£36,261 - £58,089*	Contract Type:	Open Ended Contract
FTE:	1 FTE (hours required to fulfil duties of post – Happy to Talk Flexible Working)	Closing Date	Sunday, 4 November 2018
Reference No	160799		

Job Advert

Who we are

Be bold. Be innovative. Be a 'Strathclyder'.

We are the University of Strathclyde. Our vision is bold 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 extraordinary early career academics who align with 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

Our strategic focus

Our work in measurement science & enabling technologies, arises from a wide range of research across Strathclyde's four faculties. Ranging from an internationally leading base of fundamental science to the provision of engineered end-to-end decision support solutions, this area of expertise supports the provision of solutions to significant challenges within energy, manufacturing, advanced materials, quantum technologies, pharmaceuticals and health & aerospace.

If your measurement science & enabling technologies research focuses on any of the following areas, we'd love to hear from you:

- Data analytics & modelling methodologies
- Imaging & image processing
- Light & other radiation sources for measurements & applications
- Measurements & sensing at the quantum limit
- Sensor & analysis technologies
- Systems for data-based decisions

The opportunity

We would love to hear from you if you have a PhD and postdoctoral research experience; an emerging publication history in high quality academic journals; and research interests which align with this area of strategic priority – particularly if you already hold an external fellowship that can be transferred to us.

In keeping with our commitment to equality and diversity, we encourage applications from all sections of the community, particularly those who can support our Athena SWAN activity, which inspires the advancement and representation of women in higher education.

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) (£51,630 - £58,089) 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 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).

Job Description

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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]: lead research programmes of national/internationally excellence, securing funding and managing research groups, providing leadership, 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.

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 visit the [Strathclyde's vacancies portal](#):

- A fully completed application form (including the names of three referees who will be contacted prior to interview, unless you confirm otherwise);
- A detailed CV; and
- A 5-year Strathclyde research plan which outlines your vision, illustrates your strategic fit with Strathclyde 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, visit our [Global Talent website](#).

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.

