

Strathclyde Global Talent Programme (Professor/Reader): Measurement Science & Enabling Technologies

Staff Category	Academic	Grade:	Reader or Professor
Salary Range:	Reader (£59,828 - £63,463); Professor (salary commensurate with experience and standing)	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	160904		

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 Professors / Readers 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

the place of useful learning

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

We would love to hear from you if you have an internationally recognised research portfolio in this area, are publishing in leading international journals, are actively pursuing funding whilst building impactful collaborative links with industrial and business partners and if you have a passion for leading on teaching and learning. 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:

- A generous remuneration package, with notable additional financial and non-financial benefits including pension and (where appropriate) a contribution towards relocation costs;
- Excellent start-up support;
- Initially reduced teaching and management duties; and
- Regular career review, with the opportunity to receive additional remuneration in recognition of outstanding contribution.

Job Description

The following notes requirements for a **Professorial** appointment. For **Reader** appointment, the criteria is adjusted to reflect your growing international reputation and experience. Please see [Reader Job Description here](#).

Main Activities/Responsibilities:

1.	Strategic leadership: Manage significant activities and resources and provide leadership, support and direction to academic/professional staff, whilst contributing, at a strategic level, to the work of the Department, Faculty and University
2.	Research Leadership: Provide research leadership within the Department, Faculty and University through identifying, developing and leading significant research directions and projects
3.	Research Dissemination: Lead an internationally acclaimed programme of research and disseminate results through regular and sustained publications in high impact journals, books and conference proceedings
4.	Funding: Secure substantial research grant funding and attract income through knowledge exchange activities
5.	Learning & teaching: Oversee the design and delivery of educational degree curricula and play a lead role in the development of educational strategy and in ensuring an excellent student experience
6.	Knowledge exchange: Lead the development of knowledge exchange activities with impact and promote public engagement.
7.	Thought leadership: Engage in, and where appropriate set the agenda in, national and international academic debates

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 an outstanding international reputation and record of achievement in research and publication in your field.

E3 Proven ability to attract substantial research funding over a sustained period.

E4 Ability to build an internationally leading research group and successfully manage and promote that group's research within an international arena.

E5 Track record of multi/inter-disciplinary research collaborations and developing external partnerships.

E6 Extensive experience of delivering high quality teaching to undergraduate and postgraduate students and supervision of research students.

E7 An established track record of project, budget and staff management with an ability to think strategically and contribute at a senior level to the Department, Faculty and University.

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- E8 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;
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- E9 A leadership approach and style which is consistent with the University's Values and which inspires others to deliver.
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- D1 Membership of relevant Chartered/professional bodies (including the Higher Education Academy);
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- D2 Sustained track record of leading the development and delivery of large and varied educational programmes;
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- D3 Established links with industry, learned societies, government and/or relevant Chartered/professional bodies.
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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.

