

# Strathclyde Global Talent Programme (Professor/Reader):

Staff Category	Academic	Grade:	Reader or Professor
Salary Range:	Reader (£60,905 - £64,605); 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, 28 February 2021
Reference No	342270		

## Job Advert

### Who we are

Be innovative and collaborative. Be a 'Strathclyder'.

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 seeking to appoint extraordinary Professors / Readers who complement our strategic themes.

For more information visit the Strathclyde Global Talent Programme Website:

[www.strath.ac.uk/workwithus/strathclydeglobaltalentprogramme](http://www.strath.ac.uk/workwithus/strathclydeglobaltalentprogramme) or email [globaltalent@strath.ac.uk](mailto:globaltalent@strath.ac.uk)

### Our department

Electronic and Electrical Engineering is top-rated in the UK and includes the Institute for Energy and Environment (incorporating the Wind Energy and Control group) which has internationally-recognised expertise across a broad range of power engineering disciplines.

We wish to recruit leading researchers in the fields of:

1. Advanced Communications Radio Access Networks including 5G Design, Software Defined Radio and FPGA based systems.
2. Optical Wireless (including LiFi), Visible Light and Free Space Optical communications.
3. Laser spectroscopy for combustion diagnostics and gaseous species measurements in extreme environments. Applications in medicine and environmental monitoring are also of interest.
4. Power electronic devices and converters, electrical machine design and operation, control systems and the realisation of practical, combined electrical and mechanical sub-components and systems.
5. Artificial Intelligence and data science for industrial applications, industrial informatics and intelligent systems for the energy, nuclear, and manufacturing sectors.

### The opportunity

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 progressing 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. For more information on diversity and inclusion at Strathclyde, please see [here](https://www.strath.ac.uk/workwithus/strathclydeglobaltalentprogramme/workforcediversityandinclusion).

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

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;

E9 A leadership approach and style which is consistent with the University's Values and which inspires others to deliver.

D1 Membership of relevant Chartered/professional bodies (including the Higher Education Academy);

D2 Sustained track record of guiding the development and delivery of large and varied educational programmes;

D3 Established links with industry, learned societies, government and/or relevant Chartered/professional bodies.

## Application Procedure

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

- A fully completed application form (including the names of three referees who will be contacted prior to interview, unless you confirm otherwise);
- A 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.

