

THE UNIVERSITY OF MANCHESTER

PARTICULARS OF APPOINTMENT

FACULTY OF SCIENCE & ENGINEERING

PRESIDENTIAL ACADEMIC FELLOWSHIP IN ENGINEERING AND IN INDUSTRIAL BIOTECHNOLOGY

VACANCY REF: S&E-14359

Salary:	£40,792 to £50,132 per annum (according to relevant experience)
Hours:	Full Time / Part Time
Duration:	An initial four-year Fellowship leading to a permanent and appropriate academic contract (subject to satisfactory performance)
Location:	Sackville Street, Manchester

Enquiries about the vacancy, shortlisting and interviews:

Contact: Jen Clayton

Email: FSEPresidentialFellowships@manchester.ac.uk

Applications are invited for University of Manchester Presidential Fellowships aimed at outstanding scientists and engineers at an early stage in their academic careers. In this round of Presidential Fellowships we are placing specific focus on appointing in the areas of (i) Engineering (all areas of Engineering including Computer Science) and (ii) Industrial Biotechnology (including chemical biology and its interface with materials), but will consider applications in other research areas. Fellows should show a high level of creativity and ambition in their ideas and want to develop potentially transformative research. We provide a vibrant and inspiring environment to pursue outstanding research and teaching. Successful candidates will benefit from the innovation and collaboration upon which Manchester's success has been built. Fellowship holders will be mentored and given all appropriate assistance in winning external funding and awards. They will undertake a limited amount of teaching (up to 6 hours per week).

Presidential Fellowships will serve a four-year probationary period and, subject to satisfactory performance in the probationary period, will then transfer to an appropriate academic contract. Fellows receive up to £5,000 per annum for research support costs and access to key technology platforms. The award is open to internal candidates and those applying from outside the University.

For more details please visit www.manchester.ac.uk/brightest-minds

Overall Purpose of the Job:

The Presidential Fellowship scheme is designed to attract exceptional early career academics. Applications for external fellowships/grants will be expected by the end of the second year, and Fellows will be expected to win funding for their research and produce research outputs of international excellence.

Key Responsibilities, Accountabilities or Duties:

Fellows will be expected to :

- Plan, develop and conduct world-leading research
- Develop new concepts and ideas to extend intellectual understanding
- Win external funding for research
- Supervise postgraduate and postdoctoral researchers
- Extend, transform and apply knowledge acquired from scholarship to research and appropriate external activities
- Disseminate research findings widely via publications, conferences and other appropriate media and fora
- Participate and collaborate in external networks
- Develop positive and productive working relationships with other members of academic and professional services staff
- Plan and manage the effective use of research resources
- Conduct risk assessment and take responsibility for the health and safety of others
- Develop and realise pathways to impact for research
- Contribute to the teaching programmes in the School, as appropriate, typically up to six hours per week
- Embed the University's social responsibility objectives, which include equality, diversity and inclusion, within all activities.

PERSON SPECIFICATION

Essential Knowledge, Skills and Experience:

- A relevant PhD (or equivalent qualification) awarded prior to commencing the appointment
- Ability to develop a coherent world-leading research programme
- A sustained record of publication output
- Ability to plan and build a team and deliver outstanding results
- Ability to inspire and engage students
- Excellent communication and interpersonal skills
- Excellent time management and organisational skills
- Ability to work independently and as part of a team

- Ability to meet deadlines
- Ability to assess and organise resources
- Commitment to the value and goals of The University of Manchester, including Goal 3 – social responsibility
- An understanding and application of the principles of equal opportunity in relation to research, teaching and the wider University context.

Desirable Knowledge, Skills, Experience and Qualifications:

- An understanding of the potential for interdisciplinary collaborations to advance knowledge and discovery and a willingness to engage in developing such projects where appropriate