

# Lecturer/Senior Lecturer - Product Design

Department	Design, Manufacture and Engineering Management ( <a href="http://www.strath.ac.uk/dmem/">www.strath.ac.uk/dmem/</a> )		
Faculty	Faculty of Engineering ( <a href="http://www.strath.ac.uk/engineering/">www.strath.ac.uk/engineering/</a> )		
Staff Category	Academic	Reference No	89198
Reports To	Head of Department	Grade:	7/8/9*
Salary Range:	£34520 - £49149 – Lecturer £50618 - £56950 – Senior Lecturer	Contract Type:	Open Contract
FTE:	1	Closing Date	Sunday, 8 October 2017

## Job Advert

The Department of Design, Manufacture and Engineering Management (DMEM) provides a unique offering of combining end-to-end multidisciplinary expertise from creative design, through engineering design, manufacture and management of the entire system. DMEM also houses the UK's Advanced Forming Research Centre (AFRC), part of the UK's High Value Manufacturing Catapult.

We are part of 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.

Successful candidates will be educated to a minimum of PhD level. Candidates will have a proven ability to collaborate well with colleagues and with industry, understanding and meeting its needs and promoting innovation. Candidates with an academic background will have a track record of relevant publications in good academic journals; those who have spent much of their career in industry should show an ability deliver projects showing significant originality and an ability to disseminate findings in well-written, well-referenced publications. Applicants will be excellent educators and mentors and will show leadership in identifying key research questions and attracting funding support. Applicants will have sound engineering knowledge, good judgment in and experience of successfully leading a team/s, with experience of developing engineering solutions and clearly communicating research findings.

Appointments will be made at a level appropriate to a successful candidate's experience and career stage. In addition to the positions described here, the [Global Talent Programme](http://www.strathvacancies.co.uk/global-talent-programme/) makes clear the University's commitment to attracting world leading academics to Scotland. The University is also committed to developing the next generation of leaders, nurturing talented individuals through the early stages of their career and providing the opportunities for professional rewards and 'making a difference'. Furthermore, the University's commitment to the development of teaching and research with relevance to industry, commerce and public bodies and to drawing on expertise from those environments and embedding it within the academic community is shown through the establishment of the position of "Professor of Practice". Candidates for such positions are encouraged. Further information can be found at: <http://www.strathvacancies.co.uk/strategic-focus.html>.

## Job Description

### Brief Outline of Job:

Lecturer: To pursue and establish an independent and high quality research programme; to design and deliver a range of teaching materials and undertake student assessment activities; to engage in relevant professional and knowledge exchange activities; to collaborate with industry and policy makers on understanding the emerging issues for Product Design; and to carry out administrative tasks assigned by the Head of Department/School.

Senior Lecturer: To lead a research programme of national/international excellence; to lead the design, development and delivery of a range of teaching programmes and undertake student assessment activities; to lead professional and knowledge exchange activities; to collaborate with industry and policy makers on understanding the emerging issues for Product Design; and to carry out senior administrative tasks assigned by the Head of Department/School.

### Main Activities/Responsibilities:

1.	Engage in individual and collaborative research relating to Product Design, establishing a distinctive and independent programme of research and disseminating results through regular publications in high impact journals, books and conference proceedings.
2.	Secure funding opportunities from both UK and international sources for research relevant to the Faculty and Department research strategy in general and to the Product Design area in particular. Secure appropriate research grant funding and attract income through knowledge exchange activities, overseeing the successful delivery of projects awarded.
3.	Design and deliver a range of teaching materials at undergraduate and postgraduate levels, including contribution to curriculum review and enhancement, in a manner that supports a research-led approach to student learning.
4.	Undertake student assessment and examination activities, including the provision of appropriate feedback to students.
5.	Develop a portfolio of activity in Product Design in collaboration with non-academic stakeholders, including building and maintaining a network of stakeholder contacts. Promote knowledge transfer of research in Product Design that has the potential to provide impact.
6.	Carry out Department/School, Faculty and/or University administrative and management functions, for example through membership of committees and/or by acting as class/module/year co-ordinator.
7.	Promote the University's internationalization agenda and University's international reputation
8.	Mentor early career academic staff in research, teaching and KE, specifically within fields related to, and within Product Design (Senior Lecturer).
9.	Collaborate with members of the Centre, Department and across the University as appropriate to enhance the University's reputation in water related research. Participate in Faculty/University wide initiatives.
10.	Lead course development/revision and delivery for the department's contribution in the area of Product Design. (Senior Lecturer).
11.	For appointments at Senior Lectureship level, provide academic leadership with respect to points 1, 3, 4 and 6

## 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)

E.1 Good honours degree in Product or Industrial Design, or other relevant discipline, and a relevant PhD or equivalent experience.

E.2 A professional qualification and significant relevant professional experience (L) at a senior level (SL).

D.1 Membership of relevant Chartered/professional bodies.

### Experience

E.3 Significant experience and expertise in the Product Design

E.4 Experience of successful teaching, tutoring or demonstrating at undergraduate and/or postgraduate level commensurate with career stage.

E.5 Sustained (SL) experience and track record in teaching and research in Higher Education.

E.6 Sustained (SL) experience and ability of supervision of researchers and students in a University or industrial environment and management of research teams/projects/programmes.

D.2 Experience of applying Product or Industrial Design.

D.3 Experience in working with industry.

### Job Related Skills and Achievements

- E.7 A body (L)/sustained track record (SL) of published research in high quality publications in Product Design, demonstrating standards of excellence.
- E.8 An ability to secure (L)/track record of securing (SL) research funding through relevant successful research grant applications.
- E.9 Ability to generate original research questions in the field of Product Design, including ones that will lead to grant winning. The ability to develop a successful portfolio of research activity in Product Design
- E.10 Ability to teach Product Design subjects to a high standard reflective of the Department's commitment to teaching excellence
- E.11 Demonstrated contribution (SL) to strategic initiatives in research development and delivery, and teaching and training provision.

#### **Personal Attributes**

- E.12 Demonstrated ability to work well within a multi-disciplinary team.
- E.13 Flexibility in responding to the future needs of the Department, Faculty and University initiatives.
- E.14 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.
- E.15 Ability to operate as part of a team and as an individual to work effectively towards department goals.
- E.16 The ability to contribute to strategic departmental management

#### **Other Relevant Factors**

- E.17 Desire to collaborate with colleagues across the Centre/Department/Faculty/University thus strengthening and expanding our research portfolio.

## **Application Procedure**

Applicants are required to complete an application form including the name of three referees who will be contacted before interview without further permission, unless you indicate you would prefer otherwise. Applicants should also submit a Curriculum Vitae and a covering letter detailing the knowledge, skills and experience you think make you the right candidate for the job as well as a Research Plan outlining your research strategy for the next 5 years. Applicants should also complete the Equal Opportunities Monitoring Form.

## **Other Information**

Further information on the application process and working at Strathclyde can be found on our website (<http://www.strath.ac.uk/hr/workforus>).

Informal enquiries about the post can be directed to Professor Alex Duffy, Head of Department (alex.duffy@strath.ac.uk/ 0141 548 3005).

### **Conditions of Employment**

Conditions of employment relating to the Academic staff category can be found at: [Conditions of Employment](#).

### **Pre-employment health screening**

An offer of appointment will be subject to a medical assessment by Occupational Health. An individual who accepts an offer of employment must complete a confidential medical questionnaire and forward it to the Occupational Health Nurse within 5 days of receipt. If further information is required the individual may be contacted by the OHN or a Medical Advisor and a personal appointment with the individual may be arranged. An unconditional contract of employment will not be issued until Human Resources receives confirmation that applicant is fit to undertake the duties of the post.

### **Probation**

Where applicable, the successful applicant will be required to serve a 3 year probationary period.

### **Pension**

The successful applicant will be eligible to join the Universities' Superannuation Scheme. Further information regarding this scheme is available from [Payroll and Pensions](#).

### **Relocation**

Where applicable, the University offers a relocation package to support new employees who meet the eligibility criteria. The relocation package is offered as a contribution towards costs incurred, and is designed to be flexible, allowing staff to use the financial support available in the way that will be most helpful to them. Further details are outlined in the Relocation Policy.

### **Interviews**

Formal interviews for this post will be held on Monday, 23 October 2017.

### **Equality and Diversity**

We value diversity and welcome applications from all sections of the community.

The University currently holds a Bronze Athena SWAN award, recognising our commitment to advancing women's careers in science, technology, engineering, maths and medicine (STEMM) employment in academia.

