



**UNIVERSITY OF LINCOLN
JOB DESCRIPTION**

JOB TITLE	Senior Lecturer in Biomedical Engineering				
ACADEMIC PROFILE	Teaching and Research				
DEPARTMENT	College of Science, School of Engineering				
LOCATION	University of Lincoln Campuses				
JOB NUMBER	COS973	GRADE	8	DATE	December 2022
REPORTS TO	Head of School				

CONTEXT

The University of Lincoln received HEFCE Strategic Development Funding to establish a new School of Engineering at its Brayford Campus in the centre of Lincoln in 2009. It enabled a ground-breaking initiative in collaborating with Siemens and other employers in the engineering sector that seeks to develop engineering education, transformative research, and knowledge exchange for the 21st century.

The School of Engineering comprises Mechanical Engineering, Electrical and Electronic Engineering, Mechatronics, and Biomedical Engineering and offers undergraduate, postgraduate and research degrees. It is research-focused and encompasses two strategic research clusters contributing to an extensive portfolio of externally funded projects (1) Industrial Digitalisation and System Intelligence; and (2) Sustainable Energy and Power Systems.

The School offers a dynamic, collaborative, inclusive and rewarding environment with excellent facilities and strong industry links.

JOB PURPOSE

A Senior Lecturer will make a significant contribution to research and teaching within the School and engage in knowledge exchange activities within the regional community and beyond. They will generate high-quality personal research outcomes and outputs and contribute to research-related teaching and learning through delivery and curriculum innovation in their subject area.

They will contribute to the development and management of the School at a reasonable level commensurate with rank and occasionally engage with College-wide activities.

Specific to this post upon appointment:

- To identify and develop research opportunities in Smart Health/Healthcare Wearables in line with the School's research strategy.
- To engage with industry-focused research projects and knowledge exchange activities in Smart Health/Healthcare Wearables.
- To work with colleagues on curriculum development and the advancement of Smart Health/Healthcare Wearables within the University.
- To teach a subject relevant to Smart Health/Healthcare Wearables within the School's programmes and support student mentoring/tutoring activities.

KEY RESPONSIBILITIES

Research

A Senior Lecturer (TR) contributes to enhancement and promotion of the research culture in the subject area and the strategic development of research activities in their School or College by:

- Conducting impactful research of internationally recognised quality.
- Publishing research outputs of internationally excellent quality.
- Developing an externally funded portfolio of research and knowledge exchange activities.
- Disseminating research results at international conferences and other events.
- Contributing to an inclusive research environment and the support and mentoring of early-career researchers.

Teaching and Learning Support

A Senior Lecturer (TR) also contributes to enhancement and promotion of the education culture in the subject area the strategic development of educational activities in their School or College by:

- Undertaking teaching at undergraduate and/or postgraduate levels and carrying out all related activities, achieving good sustained levels of student progression and feedback.
- Facilitating, developing, leading and supporting innovative teaching activities and practices.
- Supporting the design and development of new undergraduate or postgraduate programmes, and enriching the student experience through employability-fostering activities.
- Providing a high-quality education and supervision experience, resulting in high levels of student satisfaction.

Liaison and Networking

Work within an extended network or community suitable to their discipline, which can impact positively on the work of the University

Support the application of these networks to enacting the University mission and strategy

Promote the reputation of the University within the broader higher education community through publications, contributions to conferences and liaison within the relevant subject centre

Liaise with and contribute to internal networks, for example, by chairing and participating in institutional committees

Contribute to relevant external networks, professional, national or international bodies such as Higher Education Committees and high-level advisory groups

Monitor external funding opportunities and assist the School and College in securing external funding

Interact and collaborate with other internal Schools and Colleges, and external institutions and bodies on the establishment of joint projects to enhance the quality of research, teaching and learning

Team Working

Contribute to the development of the subject area within the School and support a range of courses or programmes and an area of research or significant academic endeavor.

Contribute to the development and running of the School by taking on appropriate coordinating or leadership roles commensurate with rank.

Supervise project and research students on undergraduate and postgraduate programmes.

Student Support

Act as academic tutor to students as allocated by the Head of School and act as first line contact for them for advice and support on academic matters, ensuring that students are directed to relevant support services when necessary.

Supporting students undertaking doctoral research in their subject and supervising them to completion.

Supervise student projects and placements as appropriate.

Leadership

Senior Lecturers are expected to lead by example in research and to support the research activities of individuals/research groups in the area in which they are appointed. Candidates will therefore have to evidence their leadership skills relevant to research, as well as their own personal high-quality research record. This record should cover their research outputs (including publications), research grants and research supervision. The post holder will be expected to maintain and develop their own research at a high level and to be a significant contributor to external research audits.

Citizenship

Contribute to the wider mission and reputation of the University with active involvement in activities contributing to general university life e.g. open days, student activities, alumni events, mentoring, personal tutoring and engagement with student support and delivery of outreach activities e.g. school visits, local community activities

Active participation in committees/groups contributing to university life e.g. health and safety, equality diversity and inclusivity, sustainability and working groups

Engage in appropriate training programmes in the University, actively follow and promote University policies and participation in the staff appraisal scheme and yearly Individual Research Plan (IRP)

Contribution to the university's future development and support the University's wider social, cultural and economic development of our region, our 'civic' mission with engagement and/or leadership of external partnerships contributing to the university's civic mission. Participation in external activities such as volunteering, school governor, cultural activities, community activities

In addition to the above, undertake such duties as may reasonably be requested and that are commensurate with the nature and grade of the post.

ADDITIONAL INFORMATION

Key working relationships/networks	
Internal	External
<ul style="list-style-type: none">• Pro Vice Chancellor & Head of College• Dean of Research• Head of School• Academics throughout the University• College Senior Academics• Research and other students• College / School academic, administrative and technical staff• Professional services staff• Other Colleges within the University	<ul style="list-style-type: none">• External agencies• Funding bodies e.g. Research Councils• Professional & Regulatory Bodies, Educational establishments and organisations e.g. other universities• Professors, Associate Professors, Senior Research Fellows and other researchers elsewhere• Overseas partner institutions• Accrediting bodies



**UNIVERSITY OF
LINCOLN PERSON
SPECIFICATION**

JOB TITLE	Senior Lecturer in Biomedical Engineering	JOB NUMBER	COS973
Selection Criteria	Essential (E) or Desirable (D)	Where Evidenced Application (A) Interview (I) Presentation (P) References (R)	
Qualifications:			
PhD or equivalent in Biomedical Engineering, or a related field	E	A	
Formal HE teaching qualification (HE PGCE or HEA fellowship) or commitment to obtain one	E	A	
Experience:			
Proven track record of internationally excellent outputs of REF-returnable quality	E	A/I	
Experience in developing funded research projects in the specialist area	E	I	
Experience in working within a research team	D	A/I	
Experience in teaching postgraduate students	D	I	
Experience in supervising research students (preferably to completion)	D	I	
Experience in administration and management of research and/or teaching programmes	D	A/I	
Skills and Knowledge:			
Evidence of a research profile in subject area	E	A	
Evidence of successful engagement (projects/funding) with key external agencies	D	A	
Recent, internationally excellent research outputs	E	A	
Ability to demonstrate leadership skills in relation to research initiatives	E	I	
Ability to apply research to teaching and learning and assess across the range of taught levels offered	D	I/R	
Excellent verbal and written communication skills	E	I/R	
Team worker with good interpersonal skills, able to motivate others	E	A/I	
Able to build effective working relationships with a wide range of staff and external agencies	E	I/R	
Competencies and Personal Attributes:			
Flexibility and adaptability	E	I/R	
Initiative and independence in thinking/approach	E	A	
Commitment to the subject area and the drive to improve	E	I	

Essential Requirements are those, without which, a candidate would not be able to do the job. **Desirable Requirements** are those which would be useful for the post holder to possess and will be considered when more than one applicant meets the essential requirements.

Author	DSCH	HRBP	AH
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