

UNIVERSITY OF LINCOLN JOB DESCRIPTION

JOB TITLE	Lecturer in Social and Managerial Technology				
DEPARTMENT	Lincoln Institute for Agri-Food Technology-LIAT / Lincoln International Business School - LIBS				
LOCATION	Riseholme Hall, Riseholme Campus / David Chiddick Building, Brayford Campus				
JOB NUMBER	COS747	GRADE	Grade 7	DATE	April 2020
REPORTS TO	Director of LIAT / College Director of Research- LIBS				

CONTEXT

The University of Lincoln is seeking to appoint a Lecturer within **Lincoln Agri-Robotics (LAR)**, the world's first global centre of excellence in agricultural robotics, recently funded by UKRI's Research England. Lincoln Agri-Robotics (LAR) expands the successful interdisciplinary collaboration between two of the University's leading research groups: the Lincoln Institute of Agri-Food Technology (LIAT) and the Lincoln Centre for Autonomous Systems (L-CAS).

This ground-breaking centre will make an impactful difference by deploying robotics to address the global challenges facing crop-based agriculture, such as climate change, population growth, political pressures affecting migration, and the demographics of an ageing population.

This role is interdisciplinary, focusing on the Social and Managerial aspects of the development of new technology in the Agri-Business, specifically Agri-robotics. LAR are particularly interested in the social, economic, human resource and ethical aspects associated with the development and integration of agri-robotics within the crop-based agriculture sector.

The post holder will work collaboratively with colleagues from Lincoln International Business School (LIBS).

LIBS is based at the Brayford (city) campus and is engaged in the delivery of excellent research and research dissemination (notably in the fields of accounting, finance and economics, management, human resources and organisations, supply chain and operations and marketing), which benefits businesses and policy-makers; while at the same time deepening understanding and contributing to teaching. LIBS engages actively with a wide array of collaborative partners drawn from other universities, business, non-profit, government and non-government organisations locally, regionally and across the world.

Background expertise in the agri-food sector is preferable but not essential. We are interested in applicants with track records that might include or be related to expertise in;

- the social aspects of technology integration;
- the productivity impacts of new technologies;
- behavioural studies on barriers and challenges to technology adoption;
- operational research on system optimisation, etc.

JOB PURPOSE

In addition to relevant teaching activities, the Lecturer will develop their own research portfolio within the context of LAR, which includes acquiring external funding, publishing in the highest quality journals and conferences, and conducting, directing and supervising research in line with the targets set by the University.

The Lecturer will also contribute to relevant teaching activities. Working with the Lincoln Agri-Robotics directors, the post holder is expected to operate with a significant degree of autonomy within the team. Further responsibilities include:

To create and contribute to a research portfolio focussing on the Social and Managerial aspects of LAR's Agri-robotics work.

To work with colleagues on curriculum development and the advancement of relevant discipline areas within the university.

To deliver teaching over a range of modules within an established or emerging programme.

To undertake student tutoring and support.

To carry out a limited number of additional activities in support of the academic work of the department.

The post holder may be required to help supervise the work of more junior researchers and assist in the delivery of relevant modules of the MSc Robotics and Autonomous Systems, MSc Agri-Food Technology and/or related degree programmes within the University.

KEY RESPONSIBILITIES

The responsibilities of a Lecturer are wide ranging and may change over time according to the development needs of the department and the individual. In general a Lecturer can expect to undertake any of the following:

Teaching and Learning Support

- To engage in teaching on undergraduate and/or postgraduate level programmes as determined by the Head of Department. The range of teaching duties may change from time to time.
- Contribute to the design, content and delivery of specific areas of teaching and learning and to the quality of teaching delivered.
- Ensure that teaching content is appropriately informed by current research and advanced scholarly activity.
- Collaborate with colleagues in the continuous review and development of the Department's programmes.
- Take responsibility for the co-ordination of modules when appropriate to do so and after gaining sufficient relevant experience.
- Work in accordance with University policies and procedures to undertake assessment of students' work and give feedback.

Research and Scholarly Activity

- This is primarily a research focussed role.
- Make a contribution to the research profile of Lincoln Agri-Robotics, and pursue a personal research programme consistent with the Department's research priorities.
- Collaborate in research activities and initiatives with colleagues in and beyond the department if appropriate.
- Engage in subject professional and pedagogy research as required to support teaching activities.
- Ensure that outcomes of research and scholarly activity are appropriately disseminated in peer reviewed outlets.
- Have sufficient outputs to be returned in the REF at agreed minimum standards inclusive of complex circumstances, or at least demonstrate a clear and achievable plan to secure a return if an early career researcher.
- Apply for grant funding and manage, as appropriate, any grants which are secured.
- Supervise and manage research projects if required.

Liaison and Networking

- Establish contacts within the wider community; disseminate knowledge through public engagement activities which enhance the reputation of Lincoln Agri-Robotics and the wider university.
- Develop and maintain links with relevant professional bodies and academic groups.
- Participate in academic activities with industry and other external partners.
- Represent the Department or College on appropriate external bodies.
- Develop involvement in academic activities with industry and other external partners.
- Take part in relevant internal committees and working groups.
- Liaise with subject librarians, central timetabling and other services to ensure resources available are appropriately deployed.

Team Working

- Work as a member of a team, collaborating on curriculum development and contributing to departmental meetings.
- Begin to co-ordinate the work of others when appropriate through taking responsibility for module co-ordination.

Student Support

- Act as academic tutor to students as allocated by the Director of LIAT and other colleagues 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.
- Take part in the supervision of research degree students as appropriate.
- Supervise student projects and placements as appropriate.

Other

- Help drive innovation and collaboration throughout the food chain.
- Carry out specific departmental roles and functions as may reasonably be required – these being equitably distributed across the academic staff.
- Assist in student recruitment activities, including interviews, open days and external recruitment events.
- Engage in appropriate training programmes in the University.
- Actively follow and promote University policies.
- Participate in the staff appraisal scheme.

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

Scope and dimensions of the role

We welcome applications from all areas of Management but would be particularly interested in applicants with expertise in these areas: operations management, organisations, human resource management, social policy, economics, industrial / network marketing. A background and/or knowledge of agri-business, agri-technology, digital technology will be an advantage. The emphasis of the role is to explore social and managerial aspects of technology (specifically agri-robotics and the digital economy).

Key working relationships/networks

Internal	External
<ul style="list-style-type: none"> • Head of School (College of Science) • Director of Research - LIBS • Research students • Other academic staff within the College of Science/LIBS • Director of LIAT • Director of L-CAS • Director of LAR • College Senior Academic Managers • Other members of Lincoln Agri-Robotics and linked research delivery teams • Departmental academic, administrative and technical staff • Support Services Staff 	<ul style="list-style-type: none"> • Research collaborators • Sponsors and clients • Research funding bodies • Relevant academic and professional groups • Relevant national, regional and international networks, sponsors and clients • Agri-food industry • External examiners



UNIVERSITY OF LINCOLN PERSON SPECIFICATION

JOB TITLE	Lecturer/Senior Lecturer in Social and Managerial Technology	JOB NUMBER	COS747
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Selection Criteria	Essential (E) or Desirable (D)	Where Evidenced Application (A) Interview (I) Presentation (P) References (R)
Qualifications:		
Working to or having completed a PhD in relevant discipline or equivalent demonstrated research record (normally by publication but where appropriate through professional achievement)	E	A
HE teaching qualification (HE PGCE or HEA fellowship) OR a commitment to complete one	E	A
Experience:		
Teaching in Higher Education or relevant professional experience	D	A/I
Curriculum development	D	A/I
Development and innovation of teaching and learning methods	D	A/I
Interdisciplinary work relevant to the Department	D	A/I
Proven record of outputs that would be returnable in the REF	E	A/I
Research interest in Agri-Robotics	D	A/I
Research supervision	D	A/I
Working with industry partners to form long term mutually beneficial partnerships	D	A/1
Skills and Knowledge:		
Evidence of continuing professional development	D	A/I
Knowledge of Higher Education	D	A/I
Ability to develop excellent teaching and assessment skills across the range of taught levels offered	E	A/I
Ability to contribute to curriculum development	E	A/I
Ability to support students in their study through academic counselling	E	A/I
Ability to supervise research students	D	A/I
Excellent written and verbal communication skills	E	A/1
Ability to work on own initiative	E	A/I
Good organisational and time management skills	E	A/I
Competencies and Personal Attributes:		
Enthusiasm and commitment	E	I
Team working	E	I
Good interpersonal skills	E	I
Flexibility and adaptability	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	LS	HRBP	SP
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