



Candidate Brief

Professor of Transport Management

Vacancy reference: 2971

Inside this pack:

1. [Job overview](#)
2. [About Cranfield University](#)
3. [About School of Management](#)
4. [Job details](#)
5. [Am I suited to this role?](#)

Section 1

Job Overview

Job title:	Professor of Transport Management
Vacancy reference:	2971
School/department:	School of Management / Logistics, Procurement & Supply Chain Management Group
Job type:	Full Time Permanent
Hours of work:	37 hours per week, normally worked Monday to Friday
Salary details:	Competitive Salary
Responsible to:	Professor Michael Bourlakis, Head of Logistics, Procurement, Supply Chain Management Group
Start date:	As soon as possible
Closing date for applications:	31 March 2019
Interview Date:	4 June 2019

Section 2

About Cranfield University

Cranfield is an exclusively postgraduate university that is a global leader for education and transformational research in technology and management.

Corporate Plan 2014 – 2019

Our Corporate Plan, which everyone can contribute towards, will allow us to meet the challenges ahead in a rapidly developing global higher education marketplace. Our ethos is very much defined by our people, our staff, our learners, our alumni and friends.

Strategic Priorities

We have four strategic priorities which are our primary focus over the next five years.

- To provide a premier learning experience that enhances the capabilities of individuals and their organisations.
- To be recognised for outstanding transformational research that meets the needs of business, government and wider society.
- To grow an efficient, effective, and sustainable enterprise.
- To be renowned for our impact and influence – regionally, nationally and internationally.

Plan 415i

Each priority above includes a core goal resulting in Plan 415i.

400	Towards 400 fully research active staff
10	Towards a UK top 10 postgraduate learning experience
5	5% operating surplus
i	Impact, influence, internationalisation

Section 3

About Cranfield School of Management

Cranfield School of Management (SOM) has long been recognised as one of the most established and most prestigious business schools in the UK, with over 50 years' experience of educating business leaders. SOM is a Financial Times' top 20 school in Europe and is triple accredited by EQUIS, AMBA and AACSB. It is known for its excellence in leadership development, its deep-rooted relationships with organisations of all kinds, and its focus on transforming learning and research into improved management practice.

Cranfield School of Management is a leading provider of innovative, practical management education focused on the outcomes for learners and organisations. We are a world leader in research and education on leadership and management, delivering outstanding scholarship and excellent teaching through our distinctive academics and their direct engagement with practice. We focus on knowledge that addresses real world problems in a dynamic interaction between academics and practitioners. We work with experienced managers, technology leaders and executives and challenge them to improve their practice.

We apply original thinking, rigorous research and our 'close to business' mindset to give real insight into issues facing learners and their organisations. We tailor our approach to the learner's needs, blending face-to-face lecturing and digital content with facilitative coaching-based and problem-based learning. We are part of a unique, exclusively postgraduate university specialising in Management and Technology, developing leaders of the future.

[Learn more about SOM.](#)

<https://www.cranfield.ac.uk/SOM>

Cranfield School of Management has a very strong tradition in the area of Logistics & Supply Chain Management. The Logistics, Procurement & Supply Chain Management Group is a world leading academic team (see websites below) and our MSc in Logistics & Supply Chain Management is one of the oldest Master programmes of its kind in the world (35 years anniversary in 2016). We also launched successfully a new MSc in Procurement and Supply Chain Management (September 2016). The Logistics, Procurement & Supply Chain Management Group is the largest Group in Cranfield School of Management in terms of staff members and it is also one of the largest groups of faculty in Europe specialising in the management of logistics, procurement and supply chain management. We have an excellent academic reputation in the logistics and supply chain management field and a recent ranking by SCM World by supply chain practitioners advocates our world-leading position (No 1 university outside North America and No 11 worldwide). The members of the Group are research active and their research interests include, inter alia, marketing logistics, inventory management, food and retail supply chains, risk and resilience, procurement, transportation, collaboration and relationships, agile supply chain, sustainability, manufacturing supply chain, reverse logistics, simulation and modelling. The members are actively publishing in top ranked logistics and supply chain management journals and are developing international thought leadership profiles in their particular fields. We are also very successful in research and consulting income generation and run many projects funded by leading research funding bodies and industry.

<https://www.cranfield.ac.uk/SOM/Research-Centres/Centre-for-Logistics-and-Supply-Chain-Management>

<https://www.cranfield.ac.uk/som/research-centres/centre-for-logistics-and-supply-chain-management/centre-for-strategic-procurement-and-supply-management>

Cranfield University has a strong specialization in "Transport Systems" which is one of the University core themes and it is based in the School of Aerospace, Transportation and Manufacturing. This

theme focuses on understanding the whole environment in which transport operates: the vehicles, infrastructure, businesses and logistics as well as the human aspects of operating, managing and using transport. The successful candidate will be expected to collaborate with colleagues in the “Transport Systems” and further details of this theme are provided below:

<https://www.cranfield.ac.uk/Themes/Transport-Systems>

Overall, with the growing importance of ‘transport management’ in the business world, there is a need for teaching on Cranfield’s graduate programmes (e.g. MSc in Logistics & Supply Chain Management, MSc in Procurement and Supply Chain Management, MBA, Exec MBA) where a few transport-related modules are offered. We also provide open and customised executive education in logistics, procurement and supply chain management to a variety of medium to large private and public sector clients and relevant transport-related sessions are incorporated. Our customised executive education ranks 5th in the UK and 15th in Europe (Financial Times) where Logistics, Procurement and Supply Chain Management are an important component.

Research is a major priority and there is a need to publish at the highest level and to contribute towards REF2021. Equally, the successful candidate will be expected to submit relevant research and consulting proposals and to be successful generating research and consulting income. The Logistics, Procurement & Supply Chain Management Group currently has currently four Professors, five Senior Lecturers, six Lecturers and more than twenty Visiting Faculty members.

School of Management structure showing our Groups

1	2	3	4	5	6
Logistics & Infrastructure	Marketing & Sales	Finance & Economics	Leadership & Change	SEDS	Work & Learning
<ul style="list-style-type: none"> Logistics, Procurement & Supply Chain Infrastructure systems 	<ul style="list-style-type: none"> Marketing Sales 	<ul style="list-style-type: none"> Finance & Accounting Economics 	<ul style="list-style-type: none"> Complex change Action & Implementation 	<ul style="list-style-type: none"> Strategy Entrepreneurship Digital Transformation Sustainability 	<ul style="list-style-type: none"> Changing World of Work Development & Learning*

Transport Management is an area we would like to grow by appointing a new member at Professoriate level with appropriate expertise. The appointment will be on permanent basis and this academic member will be expected to contribute to our core activities. We welcome applications from individuals across the transportation field and we are particularly interested for applicants with expertise in the following areas:

- Freight transport management (including multi-modal transport management) and its integration in the end-to-end supply chain
- E-commerce logistics / Last mile transport and end-to-end supply chain management
- Freight transport economics
- Freight transport modelling and analysis
- Freight transport policy
- International freight transport management and global supply chain challenges
- Transport management processes and related technological advancements in the end-to-end supply chain
- Resilience and risk management of freight transport
- Transport-related infrastructure in supply chains and other critical infrastructure networks
- Sustainable freight transport

The Professor will report directly to the Head of Logistics, Procurement, Supply Chain Management Group at Cranfield School of Management.

Section 4

Job Details

The Professor will be responsible for various activities to be worked out in detail with the Head of the Group and the PVC - School. S/he will be responsible for, inter alia, the initiation and organization of fully funded research in his / her own specialist field, the development and delivery of relevant teaching programmes and s/he also may have relevant administrative responsibilities.

Job Purpose

- To lead the development of research activities in Transport Management including the submission of research and consulting proposals.
- To conduct a full portfolio of research in the area of Transport Management and to make intellectual contributions, through regular publishing in leading journals.
- To provide teaching in the Transport Management field for relevant graduate and executive programmes and other educational activities
- To design and develop teaching material in the Transport Management field
- To undertake managerial and leadership responsibilities as appropriate
- To supervise doctoral students including membership of PhD and DBA review panels and acting as an internal examiner.

Key Deliverables

		% of time spent
1	To develop and present courses in accordance with academic and commercial best practice.	20
2	To conduct research and to gain and manage funded grants and contracts.	40
3	To publish jointly and independently in both journals of high academic and professional impact	20
4	To supervise Masters level projects and PhD/DBA students	10
5	To engage in management and citizenship duties within the Group and the School as appropriate and to work with other members of faculty	10

Please be advised that the percentages allocated for the key deliverables may be adapted to take into account the needs of the School and /or University.

Planning and organising

A key responsibility of this position is to support the core research and educational activities of the Logistics, Procurement and Supply Chain Management Group and to lead new initiatives in the Transport Management area.

Teaching responsibilities include contributions to, inter alia, the MSc in Logistics & Supply Chain Management and MSc in Procurement and Supply Chain Management. You will prepare new teaching material and coursework assignments and also set examinations. You would also be required to supervise MSc students' theses.

Throughout the year, you would be expected to lead and support the Group's research and executive education activities. The latter includes short courses and customised programmes that may be requested by different industrial clients, and may include consulting with them as well as teaching.

You would need to manage your workload carefully as both research and teaching can be unpredictable. The complexity of these tasks can vary from single day advisory roles to large scale engagement over a period of months or years and run in parallel with other commitments.

Communicating and influencing

In this role you will need to interact with Group's and School's administrators, Course Directors and other members of the faculty. The degree of interaction is very frequent. We are a close and friendly team, and work as a group of equals. Externally, you would also need to communicate with visiting speakers and external examiners. The Group also has a number of Visiting academics and teachers, some of whom are very senior figures from the world of logistics, procurement, supply chain management and transport and there will be opportunities to interact with them – and even to arrange visits yourself, if you would like to.

Research and executive education involves communicating with customer organisations. If a research proposal is being developed then there is a degree of communication with the University contracts office. Typically you will also be working with other members of faculty and external experts on research and teaching projects. The Group's strong reputation means that direct contact with senior industry figures is a regular occurrence.

Short course management involves interacting with the other School of Management Groups, short course administration, and other service providers on campus who contribute to the delivery of the course. You will need to influence all the various stakeholders in order to ensure that short courses are delivered on time and to a high quality.

Problem solving

As an MSc tutor, you may have to deal with students who are struggling with their work – you may also have to deal with any issues regarding content and delivery of some of the lectures. You may also encounter problems / difficulties in negotiating research contracts with clients and in liaising with the University contracts office.

Problems will typically be encountered in your own research work, your supervision of student theses and in contract work for industry such as the unavailability of data or tight deadlines. As a

member of academic staff, you will be expected to be proactive in resolving issues at all levels with the support of the Head of the Group and of the School.

Decision making

In general, academic staff within the Group have considerable autonomy, but with many opportunities for decisions to be taken with reference to others.

I) Decisions you will take without reference to others

- Writing and submitting papers to journals
- Developing and delivering teaching materials (mentoring and advice is provided, and in many cases existing materials may be available to you)
- Submit research reports to clients when you are project leader

II) Decisions you will refer to your manager/colleagues

- Development of new short courses or customised programmes (this is typically a team activity)
- Pricing and submitting research proposals and company course proposals
- Making changes to the content of MSc modules (should be done in discussion with the Course Director and may also involve consultation with the Industrial Advisory Board and the Director of Education)
- Changes in workload, lectures, meeting and reviews
- Research contract deliverables

Guiding framework

Formal guidance usually takes place during the annual performance and development review (PDR) with the Head of the Group, where objectives are set and strategies to achieve those objectives are discussed. This is also an opportunity to raise any issues relating to work environment and career objectives including opportunities for promotion. The University's policies and procedures are published and made available to all staff.

Feedback and guidance would be expected from peers / referees through the submission of research to journals and conference presentations.

Impact

As an academic staff member you may have responsibility for managing module/s /short course/s and will have to teach to a high standard. Where joint projects are run, a project leader will be assigned who may be any member of academic staff. Each member of academic staff is expected to play a proactive role in the generation of income for the Group.

The University operates a collegiate system where many decisions are taken in full consultation with the faculty members. Membership of bodies such as Senate, which influence the decision making process of the University, is encouraged and supported. Locally the Group holds regular meetings and research seminars which you are expected to attend. It also holds social events to which you are invited. There are also research events for the School which you may attend.

Facts and Figures

The number of part-time and full-time MSc students to be supervised will vary and will be based on workload. The Professor will be expected to supervise a few MSc students.

If you were to act as a principal investigator for a research proposal / contract, or leader for a customised programme, you would be responsible for ensuring that the cost of delivering the work did not exceed the revenues expected and that the Group fulfilled its commitments to the satisfaction of the client. Support is available to help you to do this.

Section 5

Am I suited to this role?

Criteria	Essential	Desirable
Education / Qualifications	PhD in Transport Management or relevant subject (Logistics, Supply Chain Management, Operations Management, Operations Research) or alternative degree (e.g. DBA)	PG Cert in academic practice
Experience	<p>A significant publications record in leading journals (CABS list and / or Financial Times lists)</p> <p>An established track record as a top-level teacher, ideally in both graduate and executive education</p> <p>Significant income generation (e.g. research project funding, consulting, executive education etc.)</p> <p>Significant & successful supervisory expertise at Doctoral level</p>	Industrial experience is highly desirable as the role will involve extensive work with senior managers.
Knowledge	A clear understanding of the Transport Management issues that companies face and ways in which they can be supported.	
Skills / Aptitudes	<p>Strong presentation / classroom skills</p> <p>Excellent communication skills</p> <p>High level of spoken and written English</p> <p>IT skills</p>	
Personal Qualities	<p>Team working and inter-personal skills</p> <p>Enthusiasm and energy</p> <p>Ability to offer pastoral care for students and delegates</p>	

As part of Cranfield's continuing commitment to developing excellence in learning and teaching, members of staff with teaching responsibilities are expected to obtain formal recognition of their professional expertise in teaching. It is normal expectation, during probationary period, that individuals will enroll for and successfully complete module 1 (Teaching, Learning and Student Support) of the PGCert in Academic Practice, which leads to Associate Fellow of the Higher Education Academy (HEA) unless an equivalent qualification is held already.

The module focuses on student learning, teaching methods and support of students, consists of 5 one day workshops, and assessment of two written submissions of approximately 3000 and 5000 words. Additional modules may be taken to gain Fellowship of the HEA, and the PGCert in Academic Practice if appropriate to the individuals continued development.