JOB TITLE: RESEARCH ASSOCIATE IN CLUSTER ANALYSIS
REPORTS TO: DIRECTOR OF RESEARCH AND EXECUTIVE DIRECTOR OF THE ENTREPRENEURSHIP CENTRE

The role

The purpose of this role is to support and maintain the University’s national and international reputation for excellence in teaching and research. Contribution to excellence in research will be as a member of the research team carrying out research under the direction of a principle investigator to include data collection, analysis and interpretation. The role holder will identify the key stakeholders in known UK entrepreneurial hotspots and will also track investors and serial entrepreneurs. The role holder will compare company performances to identified key stakeholders (investors, directors, serial entrepreneurs) and identify patterns of behaviours and outcomes. The role holder will also carry out a network analysis on the UK SME investments focusing on the dynamics between the key stakeholders. The role holder will use data clustering algorithms, identifying key success metrics within these companies to view patterns of the entrepreneurial landscape within the UK.

MAIN RESPONSIBILITIES

Research

• Conduct research to identify key success metrics following SME investments.
• Use large datasets to identify and align key stakeholders to company performance metrics.
• Create a network analysis of the UK entrepreneurial landscape.
• Develop research objectives and proposals for own or joint research.
• Conduct individual and collaborative research projects.
• Write up research work for presentation and publication.
• Continually update knowledge and understanding in field or specialism.
• Translate knowledge of advances in the subject areas into research activity.
• Manage own research and administrative activities.
• Assist in the preparation of proposals and applications to external bodies e.g. for funding or contractual purposes.

Teaching and learning support

• May assist in the supervision of student projects.
• May assist in the development of student research skills.
• May plan and deliver seminars relating to research area.

Liaising and networking

• Liaise with colleagues and students.
• Build internal and external contacts and participate in networks for the exchange of information and to form relationships for future collaboration.
Planning and organising

- Plan the use of research resources and workshops as appropriate.
- Plan research activity within the research framework.
- Plan and manage own research activity in collaboration with others.
- Contribute to planning of joint research projects led by principle investigator.

The person

The ideal candidate should have the following qualities, skills and attributes. You are asked to provide a covering letter demonstrating how your own experience meets these requirements.

- A PhD with a strong numerical background.
- Experience in data analysis and handling of big data.
- Research experience with sufficient knowledge in the field of entrepreneurship.
- Strong skills in Excel and experience in a scripting language would be a distinct advantage.
- A strong understanding of research methods used to study early-stage investment activity.
- Further develop and refine research methods for the research project.
- Conduct literature searches and reviews.
- Preparation of proposals and applications to external funding bodies.
- Communicate technical research to both a specialist and broad audience.
- Driven and committed, demonstrating initiative and self-motivation.
- Project management skills to drive the research project.
- Good time management and planning skills with a commitment to delivery.
- Ability to communicate research to a technical and non-technical audience.

Benefits

Successful candidates who have not been awarded their PhD by the appointment date will be under-appointed as a Research Assistant (Grade 5) employed on a salary of £28,452 per annum. Upon award of the PhD the individual will be appointed as a Research Associate (Grade 7), which will be in the range £29,301 - £38,183 per annum. There will be a six-month probationary period.

This is a fixed term appointment for 12 months in the first instance. Holiday entitlement is 33 days per annum plus eight days of public holidays.

The full incremental salary range for the position is advertised in order to demonstrate the progression for the Grade. In the majority of cases appointments will be made at the Grade minimum; only in very specific exceptional circumstances can a higher salary be offered.

The University of Cambridge comprises more than 150 departments, faculties, schools and other institutions, plus a central administration and 31 independent and autonomous colleges. It is one of the world’s oldest and most successful Universities, with an outstanding reputation for academic achievement and research.

With excellent benefits, extensive learning opportunities and a stimulating and attractive environment, the University of Cambridge is a great place to work. Our employees are eligible for a wide range of competitive benefits and services. We give them access to numerous discounts on shopping, health care, financial services and public transport.
Pension scheme details, including information about the legal requirement for the University to automatically enrol its eligible jobholders into a qualifying workplace pension scheme from 1 March 2013, is available at www.pensions.admin.cam.ac.uk.

We have two nurseries and a holiday play scheme to help support those with childcare responsibilities and we offer various types of family-friendly leave to aid employees’ work-life balance. In addition we operate a number of initiatives to promote career development, health and well-being.

Further details can be found at www.admin.cam.ac.uk/offices/hr/staff/benefits. There is also a range of information about living and working in Cambridge at www.jobs.cam.ac.uk.

Application arrangements

To submit an application for this vacancy, please search for this position on the University’s Job Opportunities website at www.jobs.cam.ac.uk and click on the "Apply online" button at the bottom of the relevant job description. This will route you to the University’s Web Recruitment System, where you will need to register an account (if you have not already) and log in before completing the online application form.

The closing date for applications is 14 August 2017.

Applicants are required to provide details of two referees. These will not be contacted unless the applicant is shortlisted.

Equality of opportunity at the University

The University of Cambridge is committed to a proactive approach to equality, which supports and encourages all under-represented groups, promotes an inclusive culture and values diversity. Entry into employment with the University is determined by personal merit and by the application of criteria required for the post. No applicant for an appointment or member of staff will be treated less favourably than another on the grounds of sex (including gender reassignment), marital or parental status, race, ethnic or national origin, colour, disability (including HIV status), sexual orientation, religion, age or socio-economic factors.

The University has various diversity networks which help it to progress equality; these include the Women’s Staff Network, the Disabled Staff Network, the Black and Minority Ethnic Staff Network and the Lesbian, Gay, Bisexual and Transgender Staff Network. In addition, the University was ranked in the top 100 employers for lesbian, gay and bisexual (LGB) staff in Stonewall’s Workplace Equality Index 2011.

Information if you have a disability

The University welcomes applications from individuals with disabilities and is committed to ensuring fair treatment throughout the recruitment process. Adjustments will be made, wherever reasonable to do so, to enable applicants to compete to the best of their ability and, if successful, to assist them during their employment.

We encourage applicants to declare their disabilities in order that any special arrangements, particularly for the selection process, can be accommodated. Applicants or employees can declare a disability at any time.
Applicants wishing to discuss any special arrangements connected with their disability can, at any point in the recruitment process, contact, a member of Cambridge Judge Business School’s HR team who are responsible for recruitment to this position, on (01223) 339637 or by email on hr@jbs.cam.ac.uk. Alternatively, applicants can contact the HR Business Manager responsible for the department they are applying to via hrenquiries@admin.cam.ac.uk.