Enable is seeking a candidate to work on a match funded collaborative project with Smart Sandyford to oversee the planning and implementation of the Smart Sandyford Programme. The Smart Sandyford Programme is a new initiative that seeks to develop Sandyford Business District as a ‘smart district’; engaging local commercial, public and residential communities; implementing appropriate IT-dependent strategic initiatives and actively encouraging entrepreneurial activity to support the vision of the Sandyford Business Improvement District (SBID): “To establish Sandyford Business District as: The world class destination to work and reside. A vibrant community of businesses and residents with a unique identity. A place where living, working, shopping and spending leisure time is attractive, easy and positive.”

### Role Description

<table>
<thead>
<tr>
<th>Post Title:</th>
<th>Enable Research Fellow (Smart Sandyford)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post Status:</td>
<td>Specific Purpose Contract, Full-time (circa 2 years)</td>
</tr>
<tr>
<td>Research Group / Department / School:</td>
<td>Enable Research Programme, School of Computer Science and Statistics, CONNECT Research Centre, Trinity College Dublin, the University of Dublin (TCD)</td>
</tr>
<tr>
<td>Location:</td>
<td>Trinity College Dublin, the University of Dublin College Green, Dublin 2, Ireland</td>
</tr>
<tr>
<td>Reports to:</td>
<td>Professor Siobhán Clarke</td>
</tr>
<tr>
<td>Salary:</td>
<td>Appointment will be made on the IUA Salary Scales at Level 2, in-line with Government Pay Policy €37,847 - €49,048</td>
</tr>
<tr>
<td>Closing Date:</td>
<td>12 noon on the 30th August 2019</td>
</tr>
</tbody>
</table>
The role will involve working with an ecosystem of industry partners, local communities, local government and academics, in order to research, develop and deploy smart city technology solutions in an urban business environment.

Sandyford Business District is home to approximately 1000 businesses made up of micro businesses, SMEs and Multi-National Corporations (e.g. Vodafone, AIB, Microsoft, Bizquip, Spirit Motors, MasterCard, Beacon Dental, and Urban Mode) drawing over 25,000 workers into the district each day. A further 5,000 people live as residents in the district. Like many urban centres, Sandyford experiences a number of key challenges in areas such as mobility, community engagement, public realm and the environment.

The successful candidate will be responsible for planning and implementation of the Smart Sandyford Programme including; defining a clear definition of needs, prioritisation of projects required, and implementation of selected projects and development of Smart District Strategy. The position will be based primarily at Sandyford Business Improvement District (Sandyford) with workspace available at Smart Dublin Offices (Dublin City Centre) and Dún Laoghaire–Rathdown County Council Offices (Dún Laoghaire).

**Partners**
The position is co-funded by ENABLE and Dun Laoghaire Rathdown County Council (supported by Smart Dublin and the Sandyford Business Improvement District).

**Enable**
ENABLE is a collaboration of 3 of Ireland top ICT Research Centres (CONNECT, Insight and Lero) to engage with industry to work on IoT challenges they face in Smart Cities and Communities context. Through a match funding mechanism ENABLE brings together industry and academics to collaborate on industry need driven research projects. (http://enable-research.ie/). It is funded by Science Foundation Ireland, and is co-funded by the European Regional Development Fund.

**Dún Laoghaire–Rathdown County Council**
Dún Laoghaire–Rathdown County Council (https://www.dlrcoco.ie/en) is the authority responsible for local government in the south-east of the Dublin region. Smart Dublin is an initiative of the four Dublin Local Authorities, including Dún Laoghaire–Rathdown County Council, which uses new technologies to improve services and enhance quality of life in Dublin. A key initiative of the overall ‘Smart Dublin’ collaborative platform has been the establishment of various ‘smart districts’ in partnership with Enable, including Smart Docklands (http://smartdocklands.ie/) and Smart DCU.

Smart Sandyford will be positioned as another key district of research, innovation and economic development activity within Dún Laoghaire–Rathdown and the overall Smart Dublin initiative. The Smart Sandyford Programme will be embedded in, and support by, Sandyford BID (https://www.sandyford.ie/), a local, Business Improvement District initiative.

**Principle Duties and Responsibilities**

- Collaborate with other and industry and academic partners;
- To conduct a specified programme of activity under the supervision and direction of Enable Principal Investigator and Smart Sandyford Project Leader;
- Contribute to Enable research output.
- Facilitate data collection from industry partners to further Enable research projects.
- To engage in appropriate training and professional development opportunities as required by your Principal Investigator, School or College in order to develop research skills and competencies;
- To engage in the dissemination of the results of the research in which you are engaged, as directed by and with the support of and under the supervision of the Principal Investigator;
- To engage in the wider research and scholarly activities of the research group, School or College;
- To carry out administrative work to support your programme of research such as:
  - Ensuring the overall efficient project management of the Smart Sandyford programme including; needs identification, planning, implementation and coordination of project activities.
  - Developing a strong network of relevant stakeholders and project partners including; researchers, industry partners, local communities and local authority staff.
  - Identifying, developing and delivering on project leads and funding opportunities.
- Mapping of programme initiatives to be shared with Enable and Smart Dublin. Monitoring, collection and timely reporting of all project outputs, milestones, and deliverables to the Enable Management team and associated co-funding partners.
- Engaging with the enterprise and research base in Enable (and its partners/network) to identify suitable technologies and solutions for Smart Sandyford.

- Attending relevant meetings, learning events and conferences.
- Other duties as assigned by the Enable Director or Dún Laoghaire–Rathdown Smart Dublin management team.

**Funding Information:**

Science Foundation Ireland (SFI)

**Person Specification/Qualifications**

- Candidates must have a PhD or equivalent experience in a relevant discipline.

**Skills and Competencies**

- Track record of research would be advantageous.
- The ideal candidate will have a background in Smart Cities technologies.
- Candidates must have three years’ relevant work experience.
- Ability to identify, develop and deliver new partnerships.
- Ability to identify, develop and deliver new funding opportunities with experience in grant/bid writing.
- Experience in managing projects in complex environments with multiple stakeholders and partners (tech, business, and academic or public sector context highly desirable).
- Excellent, interpersonal, communication and presentation skills – both written and verbal.
- Knowledge of citizen engagement principles and processes and experience in the design and facilitation of workshops.
- Excellent written and oral proficiency in English to write to an academic standard.
• Excellent time management skills, highly organized and able to prioritise workload and meet deadlines.
• Resourceful / conscientious and self-motivated individual with a ‘can do attitude’ – ability to see tasks through to completion.
• Enjoy working both with teams and independently.
• Excellent IT skills including experience with MS Excel, Word, Access, PowerPoint, outlook and Google Business Suite.

Desirable Knowledge and Experience

• An interest in Smart City challenges, research technology and its applications.
• Knowledge/desire to learn about latest Enable’s research and Smart City Technology Developments.
• Knowledge/desire to learn about Dublin’s Technology (specifically IoT) Ecosystem and research landscape.
• Strong desire to learn and make a difference on local and global scales.

Application Information

Applicants should submit a full Curriculum Vitae to include the names and contact details of 3 referees (including email addresses) together with a cover letter (1 x A4 page) to Emma Leahy, Enable Executive Director, email: emma.leahy@tcd.ie by 30th August 2019, that specifically address the following points in their application:

• Give examples of your involvement in managing complex customer relationships, and projects involving multiple stakeholders;
• Illustrate, through past example, the ability to work on your own initiative and resolve problems, deliver results and impact;
• Relevant knowledge or experience related to smart cities and urban development.
Please note: Candidates who do not address the application requirements above in their cover letter will not be considered at the short list stage.

Candidates should note that the interview process for this appointment may include the delivery of a presentation and may include a test of practical skills.

Further information for applicants

<table>
<thead>
<tr>
<th>URL Link to Area</th>
<th><a href="http://www.tcd.ie">www.tcd.ie</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>URL Link to Human Resources</td>
<td><a href="https://www.tcd.ie/hr/">https://www.tcd.ie/hr/</a></td>
</tr>
<tr>
<td>URL Link to Enable</td>
<td><a href="https://www.enable-research.ie/">https://www.enable-research.ie/</a></td>
</tr>
<tr>
<td>URL Link to Smart Dublin</td>
<td><a href="https://smartdublin.ie/">https://smartdublin.ie/</a></td>
</tr>
</tbody>
</table>

Trinity College Dublin, the University of Dublin

Trinity is Ireland’s premier university, with a proud tradition of excellence stretching back to its foundation in 1592. The oldest university in Ireland, and one of the oldest in Europe, today Trinity sits at the intersection of the past and the future, and is ideally positioned as a major university in the European Union. Our 47-acre campus is located in the heart of Dublin city centre and is home to historic buildings dating from the University’s establishment, as well as some of the most cutting-edge teaching and research facilities in Ireland. Students at Trinity benefit from a unique educational experience across a range of disciplines in our three faculties – Arts, Humanities, and Social Sciences; Engineering, Mathematics and Science; and Health Sciences. The pursuit of excellence through research and scholarship is at the heart of a Trinity education, and our researchers have an outstanding publication record and strong record of grant success.

Trinity has developed 18 broad-based multidisciplinary research themes that cut across disciplines and facilitate world-leading research and collaboration within the University and
with colleagues around the world. These internationally recognised themes include such diverse areas as Cancer, Immunology, Telecoms, Identities in Transformation, Nanoscience, Neuroscience, and Making Ireland. Researchers from across the University work together in innovative ways to develop new and exciting approaches to their research and explore the frontiers of knowledge in the 21st century. In creating these dedicated research themes, Trinity’s researchers are able to become a more powerful force on the global stage, successfully competing for large-scale grants and attracting top students and faculty to the University. Trinity is home to Ireland’s first purpose-built Nanoscience research institute, CRANN, which opened in January 2008. This state-of-the-art facility houses 150 scientists, technicians, and graduate students in specialised laboratories, fostering creative innovations that have seen Trinity’s researchers make significant breakthroughs.

The Trinity Long Room Hub for Arts and Humanities Research Institute is the University’s flagship institute for research in the Arts and Humanities, providing a world-class environment for cross-disciplinary collaborative projects. The Long Room Hub provides a central location through which the University’s internationally respected Arts and Humanities research can become more visible, demonstrating its relevance for contemporary and future societies. Researchers from across the University regularly participate in debates on topical issues facing the world today. As well as operating an International Visiting Research Fellowship programme, the Long Room Hub also hosts major EU-funded Digital Humanities projects.

One of the most instantly recognised parts of Trinity’s campus is the famous Old Library, home to the historic Book of Kells as well as other internationally significant holdings in manuscripts, maps, and early printed material. Trinity’s Library is the largest research library in Ireland and is an invaluable resource to Trinity’s students and research community. Built up over the four centuries of the University’s existence, the Library’s collections have benefitted from its status as a Legal Deposit library for the past 200 years, granting Trinity the right to claim a copy of every book published in Ireland and the UK. At present, the Library’s holdings span
approximately 4.25 million books, 22,000 printed periodical titles, and access to 60,000 e-journals and 250,000 e-books.

Trinity attracts top students from Ireland and abroad and prides itself on the consistently high standard of student admitted to the University every year. These students are drawn to Trinity for the excellence of our research-led teaching and for the quality and prestige a degree from this University confers. Trinity has also pioneered accessibility to education in Ireland, becoming the first university in the country to reserve 15% of its undergraduate places for students from non-traditional learning groups. Trinity is the top-ranked European university for student entrepreneurship and Europe’s only representative in the world’s top-50 universities.

Our alumni have gone on to shape the history of Ireland and of Western Europe in a wide range of fields. These include such notable figures as Jonathan Swift, Oscar Wilde, William Rowan Hamilton, Edmund Burke, William Stokes, Denis Burkitt, Louise Richardson, Lenny Abrahamson, and Anne Enright. Three of Trinity’s graduates have been awarded Nobel prizes: Ernest Walton for Physics in 1951; Samuel Beckett for Literature in 1968; and William Campbell for Physiology / Medicine in 2015. Trinity also counts the first female President of Ireland among its alumni in Mary Robinson, as well as other notable former Presidents Douglas Hyde and Mary McAleese. At Trinity we are justifiably proud of our tradition, and we strive to uphold this excellence as we face the demands of the 21st century.

**Ranking Facts**

Trinity is the top ranked university in Ireland. Using the QS methodology we are ranked 88th in the world and using the Times Higher Education World University Rankings methodology we are 117th in the world.
Overall

- Trinity is Ireland’s No.1 University in the QS World University Ranking, THE World University Ranking and the Academic Ranking of World Universities (Shanghai).
- Trinity is ranked 88th in the World, and 29th in Europe, in the 2017/2018 QS World University Ranking.
- Trinity is ranked in the Top 100 for Graduate Employability in the QS 2017 Rankings.
- Trinity is in the Top 50 most innovative universities in Europe according to Reuters.¹
- Between 2010 and 2015, Trinity was ranked the top university in Europe for entrepreneurship according to Pitchbook’s independent analysis.²

Internationalisation

- Trinity is ranked 52nd in the world in the THE World University Ranking for international outlook.

¹ [http://www.reuters.com/article/us-innovative-stories-europe-idUSKCN0Z00CT](http://www.reuters.com/article/us-innovative-stories-europe-idUSKCN0Z00CT)
Research Performance

- Of the 981 institutions included in the THE World University Rankings for 2017, Trinity is in the top 15% internationally for research performance.
- Trinity is ranked in the top 15% internationally by QS for citations.

In the QS World University Rankings:

- Trinity featured in the world's elite (Top 200) institutions in 25 of the 28 subjects in which it was evaluated by the QS World University Rankings by Subject in 2015. Of these, Trinity ranked in the top 100 in the world in 14 subjects and in the top 50 in the world in 6 subjects: English Language and Literature; Nursing; Politics and International Studies; History; Biological Sciences; and Modern Languages.
- In three out of the last four years, Trinity has been consistently ranked in the Top 50 worldwide for the following areas: English Language and Literature; Nursing; Modern Languages; and Politics and International Studies.
- In the QS Faculty rankings, Trinity has been consistently ranked in the Top 100 globally for Arts and Humanities over the last four years.
Research Themes

- Ageing
- Cancer
- Creative Arts Practice
- Creative Technologies
- Digital Engagement
- Digital Humanities
- Genes & Society
- Identities in Transformation
- Immunology, Inflammation & Infection
- International Development
- International Integration
- Making Ireland
- Manuscript, Book and Print Cultures
- Nanoscience
- Neuroscience
- Telecommunications
- Smart Sustainable Planet
- Next Generation Medical Devices
The Selection Process in Trinity

The Selection Committee (Interview Panel) may include members of the Academic and Administrative community together with External Assessor(s) who are expert in the area. Applications will be acknowledged by email. If you do not receive confirmation of receipt within 1 day of submitting your application online, please contact the named Recruitment Partner on the job specification immediately and prior to the closing date/time.

Given the degree of co-ordination and planning to have a Selection Committee available on the specified date, the University regrets that it may not be in a position to offer alternate selection dates. Where candidates are unavailable, reserves may be drawn from a shortlist. Outcomes of interviews are notified in writing to candidates and are issued no later than 5 working days following the selection day.

In some instances the Selection Committee may avail of telephone or video conferencing. The University’s selection methods may consist of any or all of the following: Interviews, Presentations, Psychometric Testing, References and Situational Exercises.

It is the policy of the University to conduct pre-employment medical screening/full pre-employment medicals. Information supplied by candidates in their application (Cover Letter and CV) will be used to shortlist for interview.

Applications from non-EEA citizens are welcomed. However, eligibility is determined by the Department of Jobs, Enterprise and Innovation and further information on the Highly Skills Eligible Occupations List is set out in Schedule 3 of the Regulations https://www.djei.ie/en/What-We-Do/Jobs-Workplace-and-Skills/Employment-Permits/Employment-Permit-Eligibility/Highly-Skilled-Eligible-Ocupations-List/ and the Ineligible Categories of Employment are set out in Schedule 4 of the Regulations https://www.djei.ie/en/What-We-Do/Jobs-Workplace-and-Skills/Employment-Permits/Employment-Permit-Eligibility/Ineligible-Categories-of-Employment/. Non-EEA candidates should note that the onus is on them to secure a visa to travel to Ireland prior to
interview. Non-EEA candidates should also be aware that even if successful at interview, an appointment to the post is contingent on the securing of an employment permit.

Equal Opportunities Policy

Trinity is an equal opportunities employer and is committed to employment policies, procedures and practices which do not discriminate on grounds such as gender, civil status, family status, age, disability, race, religious belief, sexual orientation or membership of the travelling community. On that basis we encourage and welcome talented people from all backgrounds to join our staff community. Trinity’s Diversity Statement can be viewed in full at https://www.tcd.ie/diversity-inclusion/diversity-statement.

Pension

This is a pensionable position and the provisions of the Public Service Superannuation (Miscellaneous Provisions) Act 2004 will apply in relation to retirement age for pension purposes. Details of the relevant Pension Scheme will be provided to the successful applicant.

Applicants should note that they will be required to complete a Pre-Employment Declaration to confirm whether or not they have previously availed of an Irish Public Service Scheme of incentivised early retirement or enhanced redundancy payment. Applicants will also be required to declare any entitlements to a Public Service pension benefit (in payment or preserved) from any other Irish Public Service employment.

Applicants formerly employed by the Irish Public Service that may previously have availed of an Irish Public Service Scheme of Incentivised early retirement or enhanced redundancy payment should ensure that they are not precluded from re-engagement in the Irish Public Service under the terms of such Schemes. Such queries should be directed to an applicant’s former Irish Public Service Employer in the first instance.
Application Procedure

Applicants should submit a full Curriculum Vitae to include the names and contact details of 3 referees (including email addresses) together with a cover letter (1 x A4 page) that specifically addresses the application procedure set out above, to:-

Name: Emma Leahy
Email: emma.leahy@tcd.ie