



## Candidate Information

<b>Position:</b>	Resilience Planner - KTP Associate - VuCity
<b>School/Department:</b>	KTP and Business Networks
<b>Reference:</b>	19/107304
<b>Closing Date:</b>	Thursday 28 March 2019
<b>Salary:</b>	£24,000 to £34,000 per annum. One of the key KTP benefits for graduates is access to a £8,500 training and travel budget over the 24 month project.
<b>Anticipated Interview Date:</b>	Thursday 11 April 2019
<b>Duration:</b>	24 months

### **JOB PURPOSE:**

Development of a 3D interactive model which can instantaneously evaluate planning development proposals, identify problems and offer solutions in order to facilitate fast, effective, high-quality decision making by planners and other public sector authorities.

### **MAJOR DUTIES:**

1. VuCity is an accurate, interactive 3D digital model which can be applied to any city, enabling users to visualise every building, road, tree and public space. The aim is to save time and money in planning development and aid better decision making.

The overall project aim is to develop a 3D interactive model which can instantaneously evaluate planning development proposals, identify problems and offer solutions in order to facilitate fast, effective, high-quality decision making by planners and other public sector authorities. We wish to recruit a Graduate with a background in Planning to work in VuCity (Belfast) in collaboration with Queen's to work on the development of this sustainable planning tool.

Under the guidance of the company and academic supervisors the Associate will deliver the following key project stages:

1. Development of the project framework/specification for the Vu.City model. Creation of a directory of core legislation policy, policy guidance etc.
2. Developing the planning database, identifying the key variables/sub variables and designing the dashboard.
3. Building the prototype model in a live/real world context.
4. Evaluation of the prototype model.
5. Refine and test the operational model.
6. Increasing market and adding functionality to the model.

### **Planning and Organising:**

1. Manage and coordinate the items of work as laid out in the project plan (individual work plan will be provided by Supervisors).
2. Plan day-to-day activity within the framework of the agreed work plan.
3. Contribute to the planning and management of the project, approximately 3-6 months in advance.
4. Ensure that all training and development activity is scheduled to ensure that progress on the work plan objectives is not interrupted or delayed.

### **Resource Management Responsibilities:**

1. Plan and manage day-to-day resources to ensure the project runs to time and on budget.
2. Coordinate and obtain approval for planned expenditure/allocation of resources with the Management Committee and Steering Group.
3. Carry out supervision of placement students or other staff members as required.
4. Monitor travel and development budgets and produce a Personal Development Plan which will ensure best use of financial resources.

5. Attend training modules (mandatory and additional job-specific training). This may be local, national and international.
6. Perform any other additional duties as agreed by the Local Management Committee and Steering Groups to contribute to the development of the company, the university and the Associate.

**Internal and External Relationships:**

1. Present regular progress reports to members of the Steering and Management Groups and to external audiences.
2. Liaise with company staff on a daily basis. Contribute to training of staff in the company and university as required.
3. Build relationships with both company and university staff to ensure effective working practices are established.
4. Attend and contribute to any appropriate meetings, both in the company and the university as required.
5. Establish contacts with additional groups and organisations (other KTP Associates, other university departments, other industrial contacts, and Innovate UK) as required to develop knowledge and understanding and form relationships for future collaboration.
6. Act as an Ambassador for the Knowledge Transfer Partnership Scheme.

**ESSENTIAL CRITERIA:**

1. Hold at least a 2.1 Honours Degree (or equivalent) in a professionally accredited Planning programme.
2. At least 6 months' relevant work experience in a planning related discipline.
3. Demonstrable experience of relevant planning systems.
4. Demonstrable experience of transport planning and transport assessment.
5. Experience of land use data collection and planning history reporting.
6. Experience of identifying planning constraints as part of projects.
7. Experience of legislative and policy analysis, and public consultation experience.
8. Experience of digital modelling, GIS systems and digital mapping.
9. Excellent oral, written and presentation skills.
10. High level of IT skills.
11. Ability to think logically, create solutions and make informed decisions.
12. A high level of numeracy and the ability to interpret data.
13. Demonstrate ability to conduct research to an exceptional standard.
14. Demonstrable project management experience, to include project finances, authoring project reports.
15. Ability to work effectively as a member of a group.
16. Well organised, attention to detail and ability to meet tight deadlines.
17. Negotiation skills and customer service.
18. An interest in staying with the Company. (Associates are normally invited to apply for permanent positions).
19. Ability to take part in Associate management courses (requiring two one-week periods in England).
20. Willing/able to travel throughout the UK and Ireland and abroad, as necessary.

**DESIRABLE CRITERIA:**

1. Hold a higher degree in a relevant discipline.
2. Experience of working with councils on planning strategy development.
3. Experience of working with councils and/or private clients on infrastructure projects.
4. Demonstrable experience of Northern Ireland planning system.
5. Demonstrable experience of Republic of Ireland planning system and/or other European planning systems.
6. 12 months' relevant project management experience.
7. Experience of options assessment and feasibility studies.
8. Ability to deliver training and follow-up support to operatives.
9. Experience of digital presentations, online presentations, web conferencing and WebEx software.
10. Ability to influence people effectively.
11. Tenacious and committed to achieving goals.
12. Multi-disciplinary work experience.

**ADDITIONAL INFORMATION:**

Knowledge Transfer Partnerships is a UK programme that enables businesses to work with universities to gain access to specialist knowledge and expertise and apply it within their organisation. Each Partnership recruits a Graduate to work in the company, implementing and embedding the latest research techniques. Guidance is provided by the academic and company supervisors to ensure that the objectives of the project are met. Although the scheme is aimed at recent graduates, any suitably qualified individual may apply.

Each KTP is a fully salaried job that lasts between twelve and thirty six months, providing the graduate with an opportunity to fast track a career in industry. Each KTP Associate has a training and development budget and a travel budget. This funding provides opportunities for job-specific training, attending and presenting at conferences, visiting trade shows, customers and suppliers etc. Two, one week residential management training modules are also provided as part of the package.

This partnership received financial support from the Knowledge Transfer Partnerships (KTP) programme . KTP aims to help businesses to improve their competitiveness and productivity through the better use of knowledge, technology and skills that reside within the UK knowledge base. This successful Knowledge Transfer Partnership project, funded by UK Research and Innovation through Innovate UK, is part of the government's Industrial Strategy.

As members of University staff, KTP Associates can join the University pension scheme, gain access to University resources such as the Library and sports facilities.

More details are available at [www.ktpjobsni.com](http://www.ktpjobsni.com).