



## Job Description

<b>Management Unit</b>	UCD Research
<b>Unit</b>	Innovation Research Unit
<b>Post Title</b>	UCD Research Fellow
<b>Project</b>	Innovation Academy
<b>Post Duration</b>	2 years
<b>Reports to</b>	Prof Petra Ahrweiler
<b>HR Reference No.</b>	004895
<b>HR Administrator</b>	Gosia Wojnicka

### Position Summary

The IRU provides an excellent interdisciplinary research environment for investigating the governance of complex systems in the international, national, regional and sectoral level.

Research is organised around various EU and domestic projects. IRU's emphasis is on applying new methods to innovation research such as agent-based simulation and social network analysis complementing quantitative and qualitative research in the social sciences. Research results shall support policymakers and business managers in facing the economic, social, and political challenges presented by developments in science, technology and innovation.

In the past two years, IRU has grown a high number of international and national research projects on innovation systems such as the FP7 EU project "Managing Emerging Technologies for Economic Impact" (MANETEI) and the PRTL15 project "Innovation Policy Simulation for the Smart Economy" (IPSE). To support and coordinate these new activities we seek to appoint a Lecturer / Senior Research Fellow who will support the Director of IRU to lead and drive the development and implementation of IRU's research projects.

The purpose of the role is to deliver a specific research project. The role allows the Research Fellow the professional development opportunity to demonstrate the capacity for independent and self-directed research and scholarship and the management of a research team. The role allows the Fellow to assemble a portfolio of independent achievement and render themselves competitive for tenured academic positions or senior scientific roles in industry.

In addition to the principal duties and responsibilities listed below, the successful applicant will also be required carry out the following:

1. To conduct high level research and produce high quality outputs for the IRU projects listed above (publications, reports, conference-presentations)
2. Support the development, implementation and stewardship of IRU research programmes that operate with partners and alliances.
3. To supervise and support an internationally competitive research team to deliver to the highest standards against agreed targets (e.g., postdocs, PhD's junior researchers and interns)
4. Responsible for the management and development of relationships with sponsors, partners and other key stakeholders
5. Manage IRU's work environment on a daily basis and drive the development and implementation of best practice work processes/environment

It is likely that additional duties and responsibilities will emerge and develop over time and in line with the natural development of the IRU

**Salary: €46,544 - €68,817 per annum**

Appointment on the above range will commensurate with qualifications and experience.

### **Principal Duties and Responsibilities**

- Manage and conduct a specific programme of research and scholarship as part of the research programme described above.
- Disseminate the outcomes of this research and scholarship including peer-reviewed academic publications of international standing.
- Take a leading role in the further development of the research programme and in seeking and pursuing appropriate external funding.
- Participate fully in the wider research and scholarly activities of the School, Institute and University.
- Where appointed to do so by the University, supervise graduate research students as co-supervisor
- Mentor and assist students and early stage researchers in your group, School and Institute.
- Take responsibility for, manage and conduct administrative and management tasks associated with your programme of research
- Engage in appropriate training and professional development opportunities as required by your School or Institute, or the University and where applicable your Principal Investigator.
- Engage in teaching and teaching support as assigned by your Head of School under the direction of a tenured member of the academic staff.

### **Selection Criteria**

Selection criteria outline the qualifications, skills, knowledge and/or experience that the successful candidate would need to demonstrate for successful discharge of the responsibilities of the post. Applications will be assessed on the basis of how well candidates satisfy these criteria.

#### Mandatory

1. Degree in Social Sciences / Economics and a relevant PhD in Innovation Research with significant post qualification research experience ideally including an international element and/or enterprise experience.
2. Experienced Researcher/Research Manager specialised in the field of computational Innovation Research and dedicated to IRU's mission (min 5 yrs experience at a senior level with typically 4 years Post Doctoral Experience)
3. They will need to be able to demonstrate a track record in the following areas:
  - Publications, as assessed by the norms of their discipline i.e. quality and impact of academic publisher, citations, ranking of journal publications etc.
  - Supervision of students, including, where appropriate contributing to undergraduate project supervision and Masters Dissertations on taught programmes.
  - Research leadership in a research group or laboratory **with a track record in managing, and developing research staff in a team environment**
  - Contribution to the writing of research proposals which are submitted to peer-reviewed funding processes.
  - Capability to exercise independence in research, as evidenced by, for example, senior authorship/sole authorship of publications and invited presentations at conferences and a track record of communication of research to a wide range of stake holders.
4. An expert in agent-based modelling (ABM) and social network analysis (SNA) who understands all the projects and the research tasks required
5. Leadership ability and track record in winning confidences of researchers, stakeholders and partners and skilled at dealing with Senior Executives, influencing at a senior management level as well as proven ability to gain commitment across diverse stakeholders
6. Demonstrated contribution to management of single research project (reporting, financial management, purchasing etc) and an ability to follow an agreed workplan and manage

- according to the IRU strategy
7. Experience of devising new methodologies to solve complex research problems
  8. Experience in programme/project management and a proven ability to coordinate overall delivery of project objectives including interdependencies across work packages
  9. Results focused with very high organisational skills and the ability to manage projects in a collaborative environment, set and reach goals and balance multiple priorities with a high level of professionalism when working under pressure

Desirable

1. Knowledge of institutional and business processes
2. Knowledge of national, international and university policies and initiatives relating to funded research
3. Attainment of independent funding through a competitive, peer-reviewed process.
4. Innovation and commercialisation outputs, e.g. development of patents, prototypes
5. Industry collaboration or experience.
6. Experience working with Government agencies, nationally or internationally

**Further Information for Candidates**

**Supplementary information**

The University:	<a href="http://www.ucd.ie/aboutucd.htm">http://www.ucd.ie/aboutucd.htm</a>
The College:	
Innovation Research Unit :	<a href="http://casl.ucd.ie/iru/">http://casl.ucd.ie/iru/</a>

**Relocation Expenses**

- Will not apply
- Will be applied in accordance with the UCD policy <http://www.ucd.ie/hr/policies/#d.en.31150>

**Informal Enquiries ONLY to:**

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