



Research Centre	CNGL
Post title	Post-Doctoral Researchers / Research Fellows Computational Linguistics
Level on Framework	Level 1 / Level 2
Post duration	Up to 2 Year Contract

As part of this role the successful candidate shall be required to participate in the DCU **Research Career Framework**. This framework is designed to provide significant professional development opportunities to Researchers and offer the best opportunities in terms of a wider career path.

Background & Role

At the Centre for Next Generation Localisation (CNGL), Dublin, Ireland, we have a number of exciting career opportunities available and are seeking to recruit Postdoctoral Researchers and Research Fellows with a background in Computational Linguistics, including, but not limited to, Machine Translation, Text Analytics, Parsing, Information Retrieval and Natural Language Processing.

These positions provides an excellent opportunity for strong post-doctoral researchers, including those at a senior level, to further develop their career and to join a highly-regarded, dynamic , well-funded and continually growing research centre in the area of language technology research.

We are interested in hearing from a wide range of applicants from a variety of backgrounds, focused around MT and related technologies (e.g. Machine Learning, Computational Linguistics, Text Analytics, Artificial Intelligence, Parsing, Information Retrieval and Natural Language Processing). Applicants will be considered for a number of available positions, including those offered as part of currently funded and upcoming European FP7 projects.

The CNGL is a €40M Academia-Industry partnership that involves researchers at Dublin City University (DCU), Trinity College Dublin (TCD), University College Dublin (UCD), University of Limerick (UL), as well as ten industrial partners, including Microsoft, Symantec, IBM, SDL and Welocalize. CNGL comprises over 150 researchers across the various institutions developing novel technologies addressing key challenges in the global digital content and services supply chain. In addition to central funding CNGL is involved in a number of European FP7 projects and commercial projects in the area of language technology. CNGL provides a world class collaborative research infrastructure, including excellent computing facilities, administrative, management and fully integrated and dedicated on-site commercialisation support.

The successful candidates will become part of the existing research team based at DCU, joining one of the world's largest academic MT research groups comprising over 20 researchers, and together with CNGL's PIs will lead/co-lead research teams and contribute to the supervision of postdocs and PhD students. The team's location at DCU, just minutes from Dublin city centre, offers a conducive environment to research, collaboration and innovation with a wealth of amenities on campus, including restaurants, the state-of-the-art University Sports Complex and swimming pool and the Helix, one of Ireland's most impressive arts venues with three separate auditoria.

Principle Duties and Responsibilities

Reporting to the Principal Investigator the **Postdoctoral Researcher** will:

- Conduct a specified programme of research under the supervision and direction of the Principal Investigator (which may include work plans as specified within European FP7 projects) and/or Senior Research staff
- Assist in identifying and developing future research and funding initiatives
- Engage in the dissemination of the results of the research in which he/she is engaged with the support of and under the supervision of the Principal Investigator
- Supervise and assist undergraduate and postgraduate students working in this area with their research
- Liaise with both internal and external stakeholders including industry and academic partners/collaborators
- Engage in appropriate training and development opportunities as required by the Principal Investigator, the School or Research Centre, or the University.
- Engage in teaching and teaching support as assigned by the Head of School of Computing under the direction of the Principal Investigator
- Carry out administrative work associated with the programme of research as and where necessary.

Reporting to the Principal Investigator the **Research Fellow** will:

- Conduct a specified programme of research under the supervision and direction of the Principal Investigator
- Support the Principal Investigator and research group in the design and development of the research programme
- Substantially contribute to the identification of external funding sources and assist in the writing of grant proposals
- Mentor, assist and supervise postgraduate research students and junior research staff as required
- Assist the Principal Investigator in the management / co-ordination of key aspects of the research programme (e.g. financial management, reporting, equipment management etc.)
- Engage in the dissemination of the results of the research in which he/she is engaged to the wider research community with the support and under the supervision of the Principal Investigator
- Engage in appropriate training and development opportunities as required by the Principal Investigator, the School or Research Centre, or the University.

- Engage in teaching and teaching support as assigned by the Head of School under the direction of the Principal Investigator
- Engage with internal and external stakeholders including academic and industry partners/collaborators as appropriate
- Carry out administrative work associated with the programme as necessary

Minimum Criteria

Applicants for the position of Postdoctoral Researcher must have a PhD in a relevant discipline, i.e. Natural Language Processing/Computational Linguistics (e.g. Machine Translation, Text Analytics, Parsing, Information Retrieval etc.).

Applicants for a Research Fellow position shall normally have a minimum of 4 years postdoctoral research experience or equivalent of Level 1 of the Research Career Framework.

Salary Scale: €37,750 - €46,255 (Postdoctoral Researcher)

€42,394 - €56,442 (Research Fellow)

Subject to experience and qualifications

Closing Date: 30th November 2011

Candidates for position of Postdoctoral Researcher will be assessed on the following competencies:

Discipline knowledge and Research skills – Demonstrates knowledge of a research discipline and the ability to conduct a specific programme of research within that discipline.

Understanding the Research Environment – Demonstrates an awareness of the research environment (for example funding bodies) and the ability to contribute to grant applications

Communicating Research – Demonstrates the ability to communicate their research with their peers and the wider research community (for example presenting at conferences and publishing research in relevant journals) and the potential to teach and tutor students

Managing & Leadership skills - Demonstrates the potential to manage a research project including the supervision of undergraduate students.

For Research Fellows (Level 2) a greater contribution will be required in relation to managing and administering research projects, publications and their impact and an international and national contribution to their field of research.

Application Procedure

Informal enquiries to:

Prof. Josef Van Genabith, Director CNGL, DCU E-mail: josef@computing.ie

Phone: 353 (0)1 7006700 Web: <http://www.cngl.ie>

Dr. Páraic Sheridan, Associate Director CNGL, DCU E-mail: psheridan@computing.dcu.ie

Phone: 353 (0)1 7006707 **Web:** <http://www.cngl.ie>

Application forms are available at:

www.dcu.ie/vacancies/APPLICATION_FORM_8pg.doc and from the Human Resources

Department, Dublin City University, Dublin 9. Tel: +353 (0)1 700 5149; Fax: +353 (0)1 700 5500;

Email: hr.applications@dcu.ie

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