

An outstanding opportunity is available for a researcher in the field of Information Systems. The applicant will work on the standardization and reuse of business processes within the Business Process Management Research Group.

**Position Title:** PhD in Information Systems  
**Closes:** 14 February 2011  
**Organisational Area:** Information Systems, Faculty of Science and Technology  
**Campus:** 126 Margaret Street  
**Scholarship:** \$27,222 pa (tax exempt) + tuition fee waiver  
**Status:** Fixed-term 3 years  
**Start date:** March 2011  
**Position Contact and Title:** A/Prof. Jan Recker  
(07) 3138 9479 or j.recker@qut.edu.au

**Open to:** Australian and International Applicants.

## **BACKGROUND INFORMATION**

The position is within the Faculty of Science and Technology, specifically the Business Process Management (BPM) Group of the Information Systems (IS) Discipline. The position is funded by the ARC Linkage grant "Facilitating Business Process Standardization and Reuse".

### **Project background**

One of the most pressing management challenges of today's organisations lies in the reuse and standardisation of best practices across different sectors, products or units. This project aims to design and develop an innovative process model repository and appropriate governance structures to efficiently and effectively support the standardisation and reuse of best practices.

The project is co-founded by Suncorp. Suncorp is one of Australia's top 25 listed companies and Queensland's largest listed corporation, providing a range of banking and insurance products directly to customers through an extensive branch and agency network, call centre operations, on-line facilities, and through intermediaries and corporate partners.

The collaboration with Suncorp will offer the successful applicant an opportunity to work with real-life business process models, and the possibility to conduct case studies to validate the outcomes of their research.

### **The BPM research group**

QUT's BPM research group is one of the largest BPM research groups in the world with impressive academic achievements, significant third-party funded research projects and major industry linkages. The group is renowned for its work on maturity management, process improvement, process modeling, configuration and verification, the Workflow Patterns and YAWL Initiatives.

## **DUTY STATEMENT – PHD STUDENT**

### **Organisational Relationships**

The PhD student will be appointed within the Information Systems discipline of the Faculty of Science and Technology at QUT and will be located in Margaret Street. The appointee will conduct research within the ARC Linkage project and report to A/Prof. Jan Recker.

**Duties include:**

The role of this PhD student is to examine theoretically and empirically the use, appropriation, governance and impact of the process model repository to be built within this project, in contexts of process standardization and reuse. To that end, the PhD student will be required to examine managerial aspects of process modelling, the use of process modelling in actual organisational task settings, as well as important organisational decision-making structures.

**SELECTION CRITERIA – PHD STUDENT****Essential:**

1. First-class Honour's or second-class division A Honour's degree, or Master's degree (research or coursework) with a GPA of at least 6 out of 7 (or equivalent) from a recognised institution. Master's degrees by coursework must contain a significant research component of no less than 33% of the total degree. The degree should be in Information Systems, Business Administration, Computer Science or related area
2. Proven research mindset, and evidence of skills in theoretical and empirical research.
3. Possess strong analytical problem-solving capabilities.
4. Good oral communication skills to present technical content.
5. Proven fluency in English speaking and writing.
6. Demonstrated ability to work effectively as part of an interdisciplinary team.

**Desirable:**

1. Familiarity with the field of Business Process Management, especially
2. Knowledge of state-of-the-art methods and languages in the field of Business Process Management (e.g. BPMN, BPEL, YAWL, EPCs).
3. Proven expertise in one or more of the following topics: managerial aspects of process modeling, the use of process modeling in actual organizational task settings, organizational decision-making structures.

**APPLICATION PROCEDURE**

Applicants are required to submit their application to A/Prof. Jan Recker (j.recker@qut.edu.au) by 14 February 2010. The following supporting documents are required:

- Cover letter
- Letter stating how each criterion is met
- Curriculum Vitae including list of all publications
- Copies of most important research papers and/or thesis
- A letter of reference from an academic who has worked with the applicant.