



## Position Description

<b>College/Division:</b>	College of Arts and Social Sciences
<b>Faculty/School/Centre:</b>	Research School of Social Sciences
<b>Department/Unit:</b>	School of Demography
<b>Position Title:</b>	Research Fellow (Fixed-term, two-year appointment, 1.0 FTE)
<b>Classification:</b>	<b>Academic Level B</b>
<b>Position No:</b>	
<b>Responsible to:</b>	Professor James Raymer

### PURPOSE STATEMENT:

A **Level B Academic (Research Intensive)** is expected to carry out independent and/or team research within the field in which he/she is appointed and to carry out activities to develop his/her research expertise relevant to the particular field of research.

### KEY ACCOUNTABILITY AREAS:

This appointment is supported by an Australian Research Council Discovery Project grant on 'Overcoming the Problems of Inconsistent Migration Data in the Asia Pacific.' The appointee will have specialist skills in statistical modelling, programming, conducting quantitative data analysis and preparing reports, and will work with the investigators to meet the research objectives of the project.

### Position Dimension & Relationships:

The position will be located in the School of Demography. The Research Fellow will report directly to Professor James Raymer in the School of Demography. Specialist skills are required to conduct high quality research support related to the grant project. The Research Fellow will hold specialist skills in statistical modelling, programming, conducting quantitative data analysis and preparing reports.

### Role Statement:

Specific duties required of a **Level B Academic** may include:

- management and maintenance of the various cross-sequential datasets required for the project;
- development of advanced statistical models to estimate spatial patterns of migration flows in the context of inadequate and missing data;
- the conduct of research either as a member of a team or independently, and the production of conference and seminar papers and publications from that research;
- supervision of research-support staff involved in the staff member's research;
- guidance in the research effort of junior members of research-only academic staff in his/her research area;
- involvement in professional activities including, subject to availability of funds, attendance at conferences and seminars in the field of expertise;
- administrative functions primarily connected with his/her area of research;
- occasional contributions in the teaching program within the field of the staff member's research;
- co-supervision, or where appropriate supervision, of major honours or postgraduate research projects within the field of the staff member's area of research;
- attendance at meetings associated with research or the work of the organisational unit to which the research is connected and/or departmental and/or faculty meetings and/or membership of a limited number of committees; and
- other duties as allocated by the supervisor or the Vice-Chancellor consistent with the classification of the position.

### Skill Base

A **Level B Academic** will normally have completed a relevant doctoral qualification or have equivalent qualifications

or research experience.

In addition he/she may be expected to have had post-doctoral research experience that has resulted in publications, conference papers, reports or professional or technical contributions that give evidence of research ability.

**SELECTION CRITERIA:**

1. PhD degree in Statistics or related discipline with a strong social science or demographic component (e.g., social statistics, economics), with a track record of independent record as evidenced by publications in peer-reviewed journals.
2. Proven research experience in working with large data sets and statistical programming (preferably in R).
3. Proven ability to use quantitative research methodologies in demography (or other applied social sciences) and including the capacity to analyse data using appropriate statistics.
4. Proficient in the use of R, Microsoft Excel, Stata, S-Plus or other equivalent statistical software.
5. Ability to work collaboratively in a team as well as independently, with excellent written and oral communication skills in English.
6. Ability to manage long term projects that involve data collection, programming, and analysis.
7. Word processing, internet and bibliographic search skills, spreadsheets (e.g. Excel) and bibliographic software (e.g. Endnote).
8. Willingness to travel to meetings and conferences in the Australia and abroad.
9. An ability and commitment to lead the design of bids for competitive external funding to support individual and collaborative research activities.
10. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.

**Supervisor Signature:****Date:**

23 March 2018

Printed Name:

James Raymer

**Uni ID:**

U5243136

**References:**[Academic Minimum Standards](#)