POSITION DESCRIPTION

POSITION DETAILS: Postdoctoral Research Fellow (level BRF)

Job reference: 001335

Employment type: Full time, 12 month fixed term contract

Classification: Academic level BRF

Salary range: $85,602 - $101,653 per annum

Your total remuneration will include the above salary plus employer superannuation contributions of up to 17% of salary, and annual leave loading. See more benefits of working for UniSA

Institute for Choice, University of South Australia Business School

LOCATION: Sydney, New South Wales

Please note: appointment is to the University. The appointee may be required to undertake duties at other locations.

FURTHER INFORMATION: Frances Nolan
Telephone: +61 8 8302 1674
Email: frances.nolan@unisa.edu.au

CLOSING DATE: This position will remain open until a suitable candidate is identified.

LODGEMENT DETAILS: Applications must be lodged online through Working at UniSA

If you experience any difficulty lodging your application visit FAQs. For further support contact the Recruitment Hub on (08) 8302 1700 or email recruitment@unisa.edu.au and you will receive a response within one working day.

BEFORE YOU START: Preview the application form before you start your application.

Ensure you have the following information for your online application:

- the name and contact details of at least two confidential work-related referees
- a cover letter detailing the reasons for your application and your suitability for the position
- your curriculum vitae
- any other supporting documentation (e.g. academic transcript)
POSITION DESCRIPTION
Postdoctoral Research Fellow
Institute for Choice
School of Marketing
University of South Australia Business School
Sydney Location
Level B
12 month fixed term contract

PURPOSE OF POSITION

The Postdoctoral Research Fellow will undertake research in the area of discrete choice modelling and experimental design. This position will involve programming specialised statistical modelling software, as well as the provision of internet and computer aided computer interview software.

This position will also contribute to the Institute’s more general research agenda to generate opportunities for collaboration with other researchers, both within the Business School and externally.

POSITION ENVIRONMENT

The UniSA Business School is one of four academic divisions within the University. It has approximately 9000 students and offers a wide range of undergraduate and postgraduate degrees by coursework and by research. Its programs are offered both in Australia, online and in a number of overseas locations. The UniSA Business School is known for excellence in research, and in teaching and learning, and has strong links with the business and community sectors. The UniSA Business School is one of only 8 Australian business schools accredited by EQUIS - the EFMD Quality Improvement System. First accredited in 2004, the UniSA Business School has held this prestigious international accreditation longer than any other Australian business school.

The UniSA Business School is a comprehensive Business School with a broad range of degrees and research centres. These include Accounting, Finance and Law, Economics, Management and Marketing, and programs that reflect our South Australia context, including Arts and Culture Management, Wine Business, and Tourism. The Australian Federal Government’s most recent Excellence in Research for Australia (ERA) assessment determined that the UniSA Business School’s research in the broad field of Commerce, Management, Tourism and Services, and in the specific fields of Applied Economics; Business and Management; and Marketing, is world-class.

The School of Marketing forms part of the UniSA Business School and is located at the City West campus on North Terrace. It is one of Australia’s largest Schools of Marketing. Over the last five years the School of Marketing has been the largest recipient of all external research funding in Marketing in Australia. The School embeds its cutting-edge research in its courses to prepare students for real-world marketing practice. The School’s research students enjoy strong engagement with an international community of thought-leaders and practitioners. The School offers both undergraduate and postgraduate programs, including the Graduate Certificate in Evidenced Based Marketing for corporate clients.

The School is home to two leading research institutes- the renowned Ehrenberg-Bass Institute for Marketing Science and the Institute for Choice. The Ehrenberg-Bass Institute receives sponsorship funding from a wide range of leading marketing companies in Australia, Europe, Asia and the United States to support its research into the empirical laws in marketing.
The Institute for Choice, a world-leading research facility located in Sydney is also part of the School of Marketing. The Institute focuses on understanding and modelling human decision-making and choice behaviour and partners with government, industry and other stakeholders to provide effective and innovative practical, theoretical and predictive research solutions to complex, real world problems.

REPORTING RELATIONSHIPS

This position reports to Professor John Rose, Co-Director of the Institute for Choice.

CORE RESPONSIBILITIES

1. Work in collaboration with Institute colleagues to develop frontier research themes in choice modelling, both within and beyond chosen substantive disciplinary boundaries (e.g. health, transport, marketing, and resource economics).
2. Conduct research in the area of discrete choice modelling, and in particular experimental design of stated choice surveys.
3. Program complex statistical models and algorithms into existing software using object oriented codes such as C++ or C#.
4. Publish work in highly regarded applied economics journals.
5. Develop outside research collaborations that contribute to Institute goals and themes.
6. Make a significant contribution to Institute reputation in and outside Australia through an active research and publication program. Among other activities, this may include attending conferences and workshops as budget permits, giving seminars at the Institute and other organizations, teaching executive and short courses.
7. Provide training and assistance to technical personnel (both academic and operations) in skills needed to execute their jobs.
8. Provide programming support as necessary to produce internet and computer aided computer interview software to assist in applied research.

The duties as specified above may be altered in accordance with the changing requirements of the position.
UNIVERSITY REQUIREMENTS
Staff must follow and apply the following:

Health Safety & Injury Management
• Implement relevant health and safety system requirements and injury management activities in their area of responsibility, taking into account University requirements and their own local business priorities and procedures.
• Ensure that risk controls and injury management programs are effective in their work environment.
• Take action where a need for improvement is identified.
• Follow reasonable instructions, work procedures and practices to maintain the health and safety of yourself and others.
• Report all identified workplace hazards and incidents.

Performance Development and Management
Participate in the University’s Performance Development and Management process.

SELECTION CRITERIA

Essential
1. A PhD in computer science or other relevant field.
2. Ability to work independently following broad objectives; to be flexible and exercise initiative.
3. Excellent programming skills, including programming in VB and PHP and object oriented code such as C++ or C#.
4. Excellent written and oral communication skills.
5. Ability to liaise effectively with the Institute and University staff.
6. Ability to work to deadlines and under pressure; excellent organisational and administration skills.
7. Proven ability to acquire new programming skills as required.
8. Ability to innovate and exercise sound judgement in relation to managing the computer and programming requirements of new and ongoing research projects.
9. A strong desire to undertake and initiate own research interests.
10. Excellent attention to detail.
11. Very strong mathematical skills and abilities.

Desirable
1. Ability to design discrete choice experiments.
2. Demonstrated ability to initiate and develop research proposals and submissions to obtain research funding from external bodies (through competitive research grants, tenders, contract research, consultancies and cooperative projects).
3. Good organisation skills and experience in managing projects with multiple priorities, in monitoring workflow and in managing resources to meet objectives and deadlines.
MINIMUM STANDARDS FOR ACADEMIC LEVELS (MSAL)

Introduction

Minimum standards for levels of academic are differentiated by level of complexity, degree of autonomy, leadership requirements of the position and level of achievement of the academic. The responsibilities of academic staff may vary according to the specific requirements of the institution to meet its objectives, to different discipline requirements and/or to individual staff development.

An academic appointed to a particular level may be assigned and may be expected to undertake, responsibilities and functions of any level up to and including the level to which the academic is appointed or promoted. In addition, an academic may undertake elements of the work of a higher level in order to gain experience and expertise consistent with the requirements of an institution’s promotion processes.

Level B

A Level B research academic will normally have experience in research or scholarly activities, which have resulted in publications in refereed journals or other demonstrated scholarly activities.

A Level B research academic will carry out independent and/or team research. A Level B research academic may supervise postgraduate research students or projects and be involved in research training.