

Position description

Position title:	Research Fellow, Optimisation
School/Directorate/VCO:	School of Science, Engineering and Information Technology
Campus:	Mt Helen Campus
Classification:	Within the Academic Level B range
Employment mode:	Fixed-term appointment
Probationary period:	The appointment is offered subject to the successful completion of a probationary period
Time fraction:	Part-time
Recruitment number:	849180
Further information from:	Associate Professor Adil Baghirov, Associate Professor, Optimisation Telephone: (03) 5327 6306 E-mail: a.bagirov@federation.edu.au
Position description approved by:	Professor Chris Hutchison, Deputy Vice-Chancellor (Research and Innovation)

This position description is agreed to by:

Employee name

Signature

Date

The University reserves the right to invite applications and to make no appointment.

Warning: uncontrolled when printed.

Authorised by: Director, Human Resources
Document owner: Manager, HR Shared Services

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Position summary

As part of the research team in the School of Science, Engineering and Information Technology (SEIT) the Research Fellow, Optimisation will support the delivery of funded research projects, as outlined in the project agreements. The Research Fellow will also contribute to other research activities related to mathematics research within the school.

Key responsibilities

1. Contribute to delivering the Australian Research Council (ARC) DP190100580 research project as outlined in the project agreement and plans.
2. As part of the research team undertake research and produce relevant reports and research outputs in areas of optimisation and operations research.
3. Develop literature reviews and maintain data and knowledge repositories to support research activities in the areas of optimisation and operations research.
4. Prepare research findings leading to the publication of peer-reviewed journal papers and the presentation of research findings in a variety of forums.
5. Preparation of research funding submissions to external funding bodies, as identified.
6. Contribute to the administrative functions of the School of Science, Engineering and Information Technology.
7. Reflect and embed the University's strategic purpose, priorities and goals when exercising the responsibilities of this position. For a more complete understanding and further information please access the Strategic Plan at: <https://federation.edu.au/about-us/our-university/strategic-plan>.
8. Undertake the responsibilities of the position adhering to:
 - The Staff and Child Safe Codes of Conduct and Conflict of Interest Policy and Procedure;
 - Equal Opportunity and anti-discrimination legislation and requirements;
 - the requirements for the inclusion of people with disabilities in work and study;
 - Occupational Health and Safety (OH&S) legislation and requirements; and
 - Public Records Office of Victoria (PROV) legislation.

Level of responsibility

The Research Fellow, Optimisation will work with the support and guidance of more senior academic staff and will be expected to undertake his or her research and administration with an increasing degree of autonomy.

Training and qualifications

The Research Fellow, Optimisation will have a doctorate degree in Mathematics or Operations Research.

Position/Organisational relationships

The Research Fellow, Optimisation will work under the direct supervision of Associate Professor Adil Baghirov and under the broad direction of the Dean/Deputy Dean, School of Science, Engineering and Information Technology (SEIT) and work as part of the School's team of academic and administrative staff.

Key selection criteria

Applicants must demonstrate they are able to undertake the inherent responsibilities of the position as contained in the position description and are able to meet the following Key Selection Criteria:

1. Demonstrated research doctorate in Mathematics or a related field in operations research.
2. Demonstrated extensive analytical experience and aptitude to undertake outstanding research in the area of optimisation or operations research.
3. Demonstrated evidence of research expertise and experience in preparing and publishing research material for various media including reports, journals and conference presentations.
4. Demonstrated experience in sourcing and writing applications for external research grants.
5. Demonstrated evidence of an ability to work collegially with other staff and student team members.
6. Demonstrated excellent interpersonal, oral and written communications skills and an ability to relate well to students and other University staff.
7. Demonstrated capacity to contribute to the supervision of honours and higher degree students.
8. Demonstrated alignment with the University's commitment to child safety.

Minimum Standards for Academic Levels (MSALs)

Research academic staff

Level B

A Level B academic will undertake independent teaching and research in his or her discipline or related area. In research and/or scholarship and/or teaching a Level B academic will make an independent contribution through professional practice and expertise, and coordinate and/or lead the activities of other staff, as appropriate to the discipline.

A Level B academic will normally contribute to teaching at undergraduate, honours and postgraduate level, engage in independent scholarship and/or research and/or professional activities appropriate to his or her profession or discipline. He or she will normally undertake administration primarily relating to his or her activities at the institution and may be required to perform the full academic responsibilities of and related administration for the coordination of an award program of the institution.

The standards are not exhaustive of all tasks in academic employment, which is by its nature multi-skilled and involves an overlap of duties between levels.

Federation University Australia
Union Collective Agreement
2015–2018
Academic and General Staff Employees