



Senior Research Fellow – Public Transport Research Group

Department/Unit	Public Transport Research Group, Monash Institute of Transport Studies
Faculty/Division	Civil Engineering
Classification	Level C
Work location	Clayton campus
Date document created or updated	2018

Organisational context

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You'll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you'll need to publish your work. We're a university full of energetic and enthusiastic minds, driven to challenge what's expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at www.monash.edu

The **Faculty of Engineering** is one of the largest in Australia, renowned worldwide for the quality and calibre of our teaching, research and graduates. We offer a comprehensive range of undergraduate, graduate, postgraduate and higher degree by research programs in a wide range of engineering disciplines. Our research activities provide a platform for establishing a thriving educational enterprise and our staff are committed to creating a dynamic learning environment. The research activities range from fundamental studies to research with a strong applications orientation.

To learn more about the Faculty of Engineering, [please visit our website](#).

The Department aims to provide high quality **Civil Engineering** education, research and professional services globally for the mutual benefit of the students, the staff, the University, industry, the profession and the wider community. We offer several undergraduate degrees as well as postgraduate coursework degrees via Off-Campus Learning. The Department actively pursues innovative and significant multi-disciplinary research to address the challenges for engineering in the 21st century. For more information about us and the work we do, [please visit our website](#).

The Senior Research Fellow Public Transport Research Group position is to be located within the Public Transport Research Group (PTRG) in the Institute of Transport Studies at the Clayton Campus of Monash University Melbourne. In 2015 an independent European review named PTRG and the 3rd top research group in the field in the world. The position reports to Professor Graham Currie, the Chair of Public Transport and head of PTRG. The role is to support the research and training undertaken by PTRG which is an industry collaboration between Monash University and Public Transport Victoria. The research will be multi-disciplinary in nature ranging from market research, travel demand analysis, operations research, transport modelling and urban planning. More details available [here](#).

Position purpose

A Level C research-only academic is expected to make independent or original contributions to the research effort within their field of expertise and to the organisational unit or inter-disciplinary area of which they are a part. An academic at this level is expected to play a major role in research including the exercise of some leadership in research.

The role of the position is to support the Chair of Public Transport in research activities in the field of public transport planning and development research. The chair is the first professorship in Australia in the public transport field and is supported by Government and transport stakeholders to develop learning and research in the public transport industry. The Institute of Transport Studies is a designated Australian Key Centre in Transport Education and Research and has over a 40 year history of excellence in these fields. Current research and education activities at ITS are summarised at:

www.eng.monash.edu.au/civil/research/centres/its

Reporting Line: The position reports to Professor of Public Transport Monash University

Supervisory responsibilities: This position provides direct supervision of Research Fellows and Research Assistant staff within the Public Transport Research Group; (numbers vary over time according to demand). The role will act as Deputy Director of PTRG.

Financial delegation and/or budget responsibilities: Management of funds associated with research projects and educational activities of the Public Transport Research Group

Key responsibilities

Specific duties required of a Level C research-only academic may include:

1. The conduct of research and the production of conference and seminar papers and publications from that research
2. Supervision of research-support and administrative staff involved in the staff member's research
3. Supervision, where appropriate, of the research of less senior research-only Academic staff
4. Involvement, where appropriate, in the promotion of research links with outside bodies
5. Preparation of research proposal submissions to external funding bodies
6. Significant role in research projects including, where appropriate, leadership of research teams or management of projects
7. Responsibility for the oversight of financial management of grants received for their research projects
8. Involvement in professional activities including, subject to availability of funds, attendance at conferences and seminars in the field of expertise
9. Occasional contributions to the teaching program within the field of the staff member's research
10. Supervision of major honours or postgraduate research projects within the field of the staff member's area of research
11. Various research-related administrative functions
12. Attendance at meetings associated with research or the work of the organisational unit to which the research is connected and/or at departmental, school and/or faculty meetings and a major role in planning and committee work

Key selection criteria

Education/Qualifications

1. The appointee will have:
 - A doctoral qualification in Transport Engineering or a related discipline from a recognised university and subsequent qualifications and research experience in the area
 - an equivalent combination of relevant experience and/or education/training

Knowledge and Skills

2. Demonstrated and strong record of publications, conference papers, reports and/or professional and/or technical contributions in the relevant discipline area
3. Proven track record of obtaining significant external grants for research
4. Experience in successfully supervising, mentoring and coaching to support the development of research staff and in establishing and leading a successful research team and/or demonstrated evidence of leadership capability
5. Experience in supervising and working with major honours, postgraduate research projects and/or and the co-supervision of PhD students
6. The ability to work independently in a research environment and as part of an inter-disciplinary research team
7. High level organisational skills, including the ability to plan and manage the use of research funds, with demonstrated capacity to establish and achieve goals
8. Excellent written and oral communication skills including the ability to prepare and communicate the aims and outputs of research projects in a range of formats
9. A demonstrated capacity to work in a collegiate manner with other staff in the workplace
10. Advanced computer skills with experience using Microsoft Word, Excel and PowerPoint
11. Industry experience working with the public transport industry would be valued

Other job related information

- Travel to other campuses of the University may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted

Legal compliance

Ensure you are aware of and adhere to legislation and University policy relevant to the duties undertaken, including: Equal Employment Opportunity, supporting equity and fairness; Occupational Health and Safety, supporting a safe workplace; Conflict of Interest (including Conflict of Interest in Research); Paid Outside Work; Privacy; Research Conduct; and Staff/Student Relationships.