



# RESEARCH FELLOW (STATISTICIAN)

**DEPARTMENT/UNIT**

Turning Point and Monash Addiction Research Centre (MARC),  
Eastern Health Clinical School, Turning Point

**FACULTY/DIVISION**

Medicine Nursing and Health Sciences

**CLASSIFICATION**

Level B

**DESIGNATED CAMPUS OR LOCATION**

Turning Point, 110 Church Street, Richmond

## ORGANISATIONAL CONTEXT

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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](http://www.monash.edu).

The **Faculty of Medicine, Nursing and Health Sciences**, is the largest faculty at Monash University, and offers the most comprehensive suite of professional health training in Victoria. We consistently rank in the top 40 universities worldwide for clinical, pre-clinical and health sciences.

We want to improve the human condition. That is our vision - it has no expiration date. Through academic health centres, other translational models and by educating the healthcare workforce of the future, our staff, students and alumni directly improve quality of life.

Setting the global health care agenda, the Faculty aspires to lead in all areas of research activity and influence local, national and international policy to improve health and social outcomes and health inequalities. We've made a major impact in the world of medical research and become globally recognised for our quality education of over 41,000 doctors, nurses, and allied health professionals.

We are ambitious and aim to maintain our position as a leading international medical research university. We're recognised for the breadth and depth of our research, for our commitment to translational research, for the quality and scale of our research capability, and as a thriving biotechnology hub.

To learn more about the Faculty, please visit [www.monash.edu/medicine](http://www.monash.edu/medicine).

**Eastern Health Clinical School (EHCS)** is one of three clinical schools in the Monash University Faculty of Medicine, Nursing and Health Sciences. EHCS represents the University's presence in the rapidly-growing area of urban and outer eastern Melbourne. Our five Directorates are:

- **Medical Student Programs:** The Office of Medical Student Programs in the EHCS is located at Box Hill Hospital, with activity at all Eastern Health clinical sites. Currently the Office of Medical Student Programs

oversees the delivery of medical student teaching at all Eastern Health sites for students from Monash University and Deakin University

- **Eastern Clinical Research Unit (ECRU):** ECRU is part of Monash University EHCS and is the mechanism by which Eastern Health undertakes its clinical trials. ECRU conducts clinical trials across a range of disciplines
- **Research and Higher Education:** This directorate oversees research activity by clinicians and trainees not covered by ECRU, including non-trial clinical research. It brings together the health service and the academic community and ensures that clinicians and trainees are exposed to and are able to participate in research. The directorate also oversees Higher Degree Research Students and the EHCS laboratory- based translational research programs. These programs are focused on prostate cancer, renal medicine, vascular medicine and gastroenterology, with capacity to expand into other areas
- **Turning Point:** Turning Point is a national addiction treatment centre, dedicated to providing high quality, evidence-based treatment to people adversely affected by alcohol, drugs and gambling, integrated with world-leading research and education. Turning Point is part of Eastern Health and formally affiliated with Monash University, EHCS
- **Monash Addiction Research Centre (MARC):** This cross-faculty initiative, with a physical presence on the Peninsula Campus, Turning Point and other university sites, brings together addiction research from across the University, and is administered within EHCS

For more information about us and the work we do, please visit [www.monash.edu/medicine/ehcs](http://www.monash.edu/medicine/ehcs).

## POSITION PURPOSE

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Turning Point conducts extensive research investigating alcohol and drug-related harm in the community, as well as developing the most effective policy and treatment responses. Since being established in 1994, Turning Point has led research and its translation into policy and practice at a local, national and international level. To best respond to emerging issues, Turning Point employs staff from a range of professional backgrounds and collaborates with organisations across the research, health, education and community services sectors.

The Monash Addiction Research Centre (MARC) brings together world-leading expertise from across Monash University and the sector to provide solutions to the challenges of addiction. Based at the Monash Peninsula campus in Frankston, MARC draws on the multidisciplinary strengths and capabilities of researchers across the University to develop and test novel, scalable prevention and treatment approaches. Our expertise leverages experts in basic and social science, clinical and epidemiological research, to develop new knowledge to shape government policy and evidence-based approaches.

The Research Fellow position will contribute to the design and analysis of research studies in the area of addiction and mental health, and to pursue evaluations and development of relevant statistical methodology. The addiction and mental health research component of the position involves engagement in a variety of research projects including clinical trials. Contributions will include writing statistical analysis plans, conducting analysis, and providing input to development of study protocols, grant applications, and research papers.

A Level B research-only academic is expected to carry out independent and/or team research within the field in which they are appointed and to carry out activities to develop their research expertise relevant to the particular field of research.

**Reporting Line:** The position reports to the Head of Research, Turning Point and Deputy Director at Monash Addiction Research Centre (MARC)

**Supervisory Responsibilities:** Not applicable

**Financial Delegation:** Not applicable

**Budgetary Responsibilities:** Not applicable

## KEY RESPONSIBILITIES

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

1. Data manipulation and analysis for clinical trials, longitudinal studies (causal inference, methods for handling missing data etc.) and power calculations
2. 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
3. Supervision of research-support staff involved in the staff member's research
4. Guidance in the research effort of junior members of research-only Academic staff in their research area
5. Contribution to the preparation or, where appropriate, individual preparation of research proposal submissions to external funding bodies
6. Involvement in professional activities including, subject to availability of funds, attendance at conferences and seminars in the field of expertise
7. Administrative functions primarily connected with their area of research
8. Occasional contributions to the teaching program within the field of the staff member's research
9. Co-supervision or, where appropriate, supervision of major honours or postgraduate research projects within the field of the staff member's area of research
10. Attendance and participation at meetings or committees associated with research or the organisational unit, e.g., departmental, school, faculty meetings
11. Provide timely and high-quality statistical support to researchers and students
12. Other duties as directed from time to time

## KEY SELECTION CRITERIA

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### Education/Qualifications

1. The appointee will have:
  - A doctoral qualification in the relevant discipline area (including Biostatistics or statistics, psychology, public health, epidemiology) or equivalent qualifications or research experience.

### Knowledge and Skills

2. Advanced skills and familiarity in working with statistical software packages such as SPSS, Stata, R, SAS etc.
3. Knowledge of and experience with a range of advanced statistical modelling techniques e.g., causal inference, methods for handling missing data, structural equation modelling, path analysis, regression modelling approaches, linear mixed-effects modelling etc.) as well as meta-analysis, and power calculations
4. Demonstrated statistical analysis and manuscript and research proposal preparation skills; including a solid track record of refereed research publications
5. Experience in successfully supervising, mentoring and coaching to support the development of research staff and/or a demonstrated trajectory of leadership capability
6. Experience in supervising and working with major honours or postgraduate students within the discipline
7. The ability to work both independently in a research environment and as part of an inter-disciplinary research team
8. Guiding team members in the use of statistical techniques
9. High level organisational skills, with demonstrated capacity to establish and achieve goals

10. Excellent written and oral communication skills

11. A demonstrated capacity to work in a collegiate manner with other staff in the workplace

## **OTHER JOB RELATED INFORMATION**

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- 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

## **GOVERNANCE**

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Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.