RESEARCH FELLOW

DEPARTMENT/UNIT: School of Earth, Atmosphere and Environment

FACULTY/DIVISION: Faculty of Science

CLASSIFICATION: Level B

DESIGNATED CAMPUS OR LOCATION: Clayton campus

ORGANISATIONAL CONTEXT

At Monash, work feels different. There’s a sense of belonging that comes from contributing to something groundbreaking – it is a place where great things happen. We have a clear purpose to deliver ground-breaking intensive research; a world-class education; a global ecosystem of enterprise – and we activate these to address some of the challenges of the age, Climate Change, Thriving Communities and Geopolitical Security.

We welcome and value difference and diversity. When you come to work, you can be yourself, be a change-maker and develop your career in exciting ways with curious, energetic, inspiring and committed people and teams driven to make an impact – just like you.

Together with our commitment to academic freedom, you will have access to quality research facilities, infrastructure, world class teaching spaces, and international collaboration opportunities.

We champion an inclusive workplace culture for our staff regardless of ethnicity or cultural background. We have also worked to improve gender equality for more than 30 years. Join the pursuit of our purpose to build a better future for ourselves and our communities – #ChangeIt with us.

This position is fully funded by the Australian Research Council Centre of Excellence for the Weather of the 21st Century. The incumbent will contribute to and benefit from being a part of a supportive and vibrant Centre community which offers unparalleled networking and professional development opportunities.

The Centre is a major seven-year initiative funded by the Australian Research Council. It is a consortium of 24 partners led by Monash University in partnership with The University of Melbourne, The University of New South Wales, The Australian National University, and the University of Tasmania.
The Centre’s team-based research is focused on how Australia’s weather is being reshaped by climate change. The Centre conducts blue-sky research with real-world applications for communities, industry and government. The research program is made up of six integrated Centre Projects: Weather System Dynamics; Climate Variability and Weather Systems; Weather Systems in a Warmer World; Weather Resources; High-Impact Weather; and Modelling Science.

This position will provide research capacity and leadership in weather dynamics to all of the Centre’s Projects as required.

POSITION PURPOSE

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.

The appointed Level B research-only academic will carry out world-leading, team-based research with the aim of characterising and developing dynamical understanding of the weather systems that impact the Australian region. The appointee will develop a research program, in collaboration with other Centre staff, that contributes to key Centre aims and spans the Centre research project Weather System Dynamics along with other Centre research projects as required. The incumbent will be supported in developing their expertise and research leadership, including opportunities for supervision of graduate research students and research staff.

Reporting Line: The position reports to an Academic within the
Supervisory Responsibilities: Not applicable
Financial Delegation: Not applicable
Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

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

1. 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
2. Supervision of research-support staff involved in the staff member’s research
3. Guidance in the research effort of junior members of research-only Academic staff in their research area
4. Contribution to the preparation or, where appropriate, individual preparation of research proposal submissions to external funding bodies
5. Involvement in professional activities including, subject to availability of funds, attendance at conferences and seminars in the field of expertise
6. Administrative functions primarily connected with their area of research
7. Occasional contributions to the teaching program within the field of the staff member’s research
8. Co-supervision or, where appropriate, supervision of major honours or postgraduate research projects within the field of the staff member’s area of research
9. 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/or
membership of a limited number of committees

10. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications
1. The appointee will have:
   - A doctoral qualification in meteorology, atmospheric science, a related discipline or
     equivalent qualifications or research experience.

Knowledge and Skills
2. A capacity to develop a strong, collaborative program of research focussed on the dynamics of
weather systems underpinned by a track record of achievement in research, including
publications.
3. The ability to work both independently and collaboratively as part of an interdisciplinary and
   cross-institutional research team
4. Experience in successfully supervising, mentoring and coaching to support the development of
   research staff and/or a demonstrated trajectory of leadership capability
5. Experience in supervising and working with major honours or postgraduate students within the
discipline
6. High level organisational skills, with demonstrated capacity to establish and achieve goals
7. Excellent written and oral communication skills

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

GOVERNANCE
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.