



## Position Description

<b>College/Division:</b>	<b>College of Science</b>
<b>Faculty/School/Centre:</b>	<b>Research School of Astronomy and Astrophysics</b>
<b>Department/Unit:</b>	
<b>Position Title:</b>	<b>Stromlo Fellow</b>
<b>Classification:</b>	<b>Academic Level B</b>
<b>Position No:</b>	<b>41679</b>
<b>Responsible to:</b>	<b>Associate Director (Research)</b>
<b>Number of positions that report to this role:</b>	<b>0</b>
<b>Delegation(s) Assigned:</b>	

### **PURPOSE STATEMENT:**

The ANU College of Science (CoS) encompasses the disciplines of: Astronomy, Biology, Chemistry, Earth Sciences, Environment and Society, Mathematics, Physics, Science Communication and is also home to cross-disciplinary and specialist Institutes and Centres. Staff and students within the ANU College of Science conduct research and deliver a research-led education program that encompasses the entire breadth of the sciences, supported by extensive international networks and by world-class facilities. The Research School of Astronomy and Astrophysics is a leading centre of Astronomy and Astronomical Instrumentation research in Australia. Researchers have a tradition of excellence in addressing the world's leading astronomical questions.

The Stromlo Fellow is expected to lead an independent research program in an area of astronomy or astronomical instrumentation research, and contribute to other areas of academic activity including education and service (including outreach). The Stromlo Fellow may also be required to supervise or mentor less senior staff, and undertake leadership roles as applicable. The staff member will contribute cooperatively to the overall intellectual life of the School, College and University.

### **KEY ACCOUNTABILITY AREAS:**

#### **Position Dimension & Relationships:**

The Stromlo Fellow will be a member of Research School of the Research School of Astronomy and Astrophysics. They will be supervised by the Associate Director (Research). The Stromlo Fellow will be expected to work collegially, leading by example to develop and maintain effective, productive and beneficial workplace relationships within the academic and professional School and College staff, students and honorary appointees, as well as with industry stakeholders. This position will also have a mentoring role for students and will engage in collegial and productive collaborations with local, national and where possible, international colleagues.

#### **Role Statement:**

In their role as an Academic Level B the Stromlo Fellow is expected to:

- Lead and undertake high impact independent research in the areas of astronomy or instrumentation science with a view to publishing original and innovative results in international refereed journals, present research at academic seminars and at national and international conferences, and collaborate with other researchers at a national and/or international level.
- Make a contribution to the teaching activities of the School at the undergraduate or graduate levels.
- Supervise students working on individual or group projects at undergraduate, honours, graduate-coursework, and higher degree research levels.
- Lead, supervise and develop less senior academic and research support staff in your research area.
- Proactively contribute to all aspects of the operation of the School and College. This may include representation through committee memberships.

- Undertake outreach activities including to prospective students, research institutes, industry, government, the media and the general public.
- Maintain and actively promote high academic standards in all education, research and administration endeavours.
- Take responsibility for their own workplace health and safety and not wilfully place at risk the health and safety of another person in the workplace.
- A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.
- Other duties as required that are consistent with the classification of the position.

### Skill Base:

A Level B academic will make a significant contribution to the discipline at the school and national level. In research and/or scholarship and/or teaching they will make original contributions, which expand knowledge or practice in their discipline.

### SELECTION CRITERIA:

- A PhD in astronomy or a related area, with a strong track record of independent research in the field of astronomy as evidenced by cited publications in peer-reviewed journals and conferences, a record of developing and maintaining collaborations and by other measures such as awards, and invitations to present at prominent conferences etc.
- A track record of articulating and prosecuting innovative research in the field of astronomy, and a vision for the activities they will undertake at the ANU.
- A track record of successfully supervising student research.
- Demonstrated ability to lead and work as part of a team, significantly contributing to team management and a demonstrated ability to meet deadlines.
- Excellent oral and written English language skills and a demonstrated ability to communicate and interact effectively with a variety of staff and students in a cross-disciplinary academic environment and to foster respectful and productive working relationships with staff, students and colleagues at all levels.
- A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.

*The ANU conducts background checks on potential employees, and employment in this position is conditional on satisfactory results in accordance with the Background Checking Procedure which sets out the types of checks required by each type of position.*

<b>Supervisor/Delegate Name:</b>	<b>Professor Stuart Wyithe</b>	<b>Date:</b>	<b>14/08/2024</b>
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### References:

[General Staff Classification Descriptors](#)

[Academic Minimum Standards](#)



# Pre-Employment Work Environment Report

## Position Details

College/Div/Centre	College of Science	Dept/School/Section	Research School of Astronomy and Astrophysics
Position Title	Senior Fellow in Astronomical Instrument Science	Classification	Academic Level C
Position No.		Reference No.	

In accordance with the Work Health and Safety Act 2011 (Cth) the University has a primary duty of care, so far as reasonably practicable, to ensure the health and safety of all staff while they are at work in the University.

- This form must be completed by the supervisor of the advertised position and appended to the back of the Position Description.
- This form is used to advise potential applicants of work environment and health and safety hazards prior to application.
- Once an applicant has been selected for the position they must familiarise themselves with the University WHS Management System via Handbook guidance <https://services.anu.edu.au/human-resources/health-safety/whs-management-system-handbook>
- The hazards identified below are of generic nature in relation to the position. It is not correlated directly to training required for the specific staff to be engaged. Identification of individual WHS training needs must be in accordance with WHS Local Training Plan and through the WHS induction programs and Performance Development Review Process.
- 'Regular' hazards identified below must be listed as 'Essential' in the Selection Criteria - see 'Employment Medical Procedures' at [http://info.anu.edu.au/Policies/\\_DHR/Procedures/Employment\\_Medical\\_Procedures.asp](http://info.anu.edu.au/Policies/_DHR/Procedures/Employment_Medical_Procedures.asp)

## Potential Hazards

<ul style="list-style-type: none"> <li>• Please indicate whether the duties associated with appointment will result in exposure to any of the following potential hazards, either as a <b>regular</b> or <b>occasional</b> part of the duties.</li> </ul>					
TASK	regular	occasional	TASK	regular	occasional
key boarding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	laboratory work	<input type="checkbox"/>	<input type="checkbox"/>
lifting, manual handling	<input type="checkbox"/>	<input type="checkbox"/>	work at heights	<input type="checkbox"/>	<input type="checkbox"/>
repetitive manual tasks	<input type="checkbox"/>	<input type="checkbox"/>	work in confined spaces	<input type="checkbox"/>	<input type="checkbox"/>
Organizing events	<input type="checkbox"/>	<input type="checkbox"/>	noise / vibration	<input type="checkbox"/>	<input type="checkbox"/>
fieldwork & travel	<input type="checkbox"/>	<input type="checkbox"/>	electricity	<input type="checkbox"/>	<input type="checkbox"/>
driving a vehicle	<input type="checkbox"/>	<input type="checkbox"/>			
NON-IONIZING RADIATION			IONIZING RADIATION		
solar	<input type="checkbox"/>	<input type="checkbox"/>	gamma, x-rays	<input type="checkbox"/>	<input type="checkbox"/>
ultraviolet	<input type="checkbox"/>	<input type="checkbox"/>	beta particles	<input type="checkbox"/>	<input type="checkbox"/>
infra red	<input type="checkbox"/>	<input type="checkbox"/>	nuclear particles	<input type="checkbox"/>	<input type="checkbox"/>
laser	<input type="checkbox"/>	<input type="checkbox"/>			
radio frequency	<input type="checkbox"/>	<input type="checkbox"/>			
CHEMICALS			BIOLOGICAL MATERIALS		
hazardous substances	<input type="checkbox"/>	<input type="checkbox"/>	microbiological materials	<input type="checkbox"/>	<input type="checkbox"/>
allergens	<input type="checkbox"/>	<input type="checkbox"/>	potential biological allergens	<input type="checkbox"/>	<input type="checkbox"/>
cytotoxics	<input type="checkbox"/>	<input type="checkbox"/>	laboratory animals or insects	<input type="checkbox"/>	<input type="checkbox"/>
mutagens/teratogens/ carcinogens	<input type="checkbox"/>	<input type="checkbox"/>	clinical specimens, including blood	<input type="checkbox"/>	<input type="checkbox"/>
pesticides / herbicides	<input type="checkbox"/>	<input type="checkbox"/>	genetically-manipulated specimens	<input type="checkbox"/>	<input type="checkbox"/>
			immunisations	<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER POTENTIAL HAZARDS (please specify):</b>					
<b>Supervisor/Delegate Name:</b>		<b>Professor Stuart Wyithe</b>		<b>Date:</b>	<b>27/08/2024</b>