



Position Description

College/Division:	ANU College of Science
Faculty/School/Centre:	Fenner School of Environment and Society
Department/Unit:	Fenner School of Environment and Society
Position Title:	Research Fellow / Lecturer
Classification:	Level B
Position No:	
Responsible to:	Professor
Number of positions that report to this role:	0
Delegation(s) Assigned:	NA

PURPOSE STATEMENT:

ANU College of Science

The ANU College of Science (CoS) comprises: the Research School of Astronomy and Astrophysics, the Research School of Biology, the Research School of Chemistry, the Research School of Earth Science, the Fenner School of Environment and Society, the Mathematical Sciences Institute, the Research School of Physics and Engineering, and the Centre for the Public Awareness of Science. Staff and students within the ANU College of Science conduct research and delivers a research-led education program that encompasses the entire breadth of the sciences, supported by extensive international networks and by world-class facilities. The College has a strong tradition of research excellence that has fostered distinguished Nobel Laureates and Kyoto Prize winners and that trains scientific leaders in disciplines in which the ANU is consistently ranked in the top twenty in the world.

Fenner School of Environment and Society

The Fenner School of Environment & Society (FSSES) is unique in Australia and is among very few places in the world where researchers from physical, biological and social sciences work together on solutions to the big environmental challenges facing society. The School has a particularly strong record researching long-term environment and sustainability issues and challenges, and has extensive national and international networks with governments, NGOs, research organisations and the private sector, offering significant longitudinal expertise, knowledge and influence. The School has a strong background in conservation biology, landscape ecology, and reintroduction biology, with an ambitious research, teaching and outreach agenda in this area.

The Research Fellow is expected to undertake work in all three areas of academic activity – research, education and service (including outreach). The allocation of time to each area will be discussed with the position supervisor annually and be reflective of the appointees research agenda, school and interdisciplinary teaching requirements and leadership opportunities within the School environment. The Research 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.

POSITION DIMENSION AND RELATIONSHIPS:

The Research Fellow will be a member of the Fenner School of Environment and Society, accountable to Prof Adrian Manning. The Research Fellow will be expected to work collegially, leading by example to develop and maintain effective, productive and beneficial workplace relationships within the all academic and professional School and College staff, students and honorary appointees, as well as with industry stakeholders. This position will assist in the management of the Fenner School genomics lab, with access to the shared Ecogenomics & Bioinformatics Lab, and also have a mentoring role for students and will engage in collegial and productive collaborations with local, national and where possible, international colleagues. The successful candidate will be expected to engage strongly with external collaborators and end-users, and with cognate research groups in the Research School of Biology and the partners in the Centre for Biodiversity Analysis. The successful candidate will also gain teaching experience by contributing to under-graduate education in the Fenner School of Environment and Society or Research School of Biology.

Role Statement:

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

1. Undertake independent research in the area of conservation genetics (including reintroduction genetics) with a view to publishing original and innovative results in 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.
2. Collaborate closely with, and actively support the research programs of senior ecologists in the school
3. Actively seek and external funding including the preparation and submission of research proposals to external funding bodies.
4. Contribute to the teaching activities of the School at the undergraduate and graduate levels. This includes, but is not limited to, the preparation and delivery of lectures and tutorials, the preparation of online material, marking and assessment, consultations with students, acting as subject coordinators and the initiation and development of course/subject material.
5. Supervise students working on individual or group projects at undergraduate, honours, graduate-coursework levels. Supervision of research students.
6. Assist in the management of the Fenner School genomics lab, and supervise students in lab work and research support staff in your research area.
7. Actively contribute to all aspects of the operation of the School. This may include representation through committee memberships.
8. Assist in outreach activities including to prospective students, research institutes, industry, government, the media and the general public.
9. Maintain high academic standards in all education, research and administration endeavours.
10. 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.
11. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.
12. Other duties as required that are consistent with the classification of the position.

Skill Base

A Level B academic will undertake independent teaching and research in their 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 their profession or discipline. The academic will normally undertake administration primarily relating to their 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.

SELECTION CRITERIA:

1. A PhD in conservation or population genetics or a related area, with a track record of independent research in the field of conservation genetics (including reintroduction genetics) as evidenced by publications in peer-reviewed journals and conferences, a record of developing and maintaining research and end-user collaborations and by other measures such as awards, and invitations to present at conferences.
2. Extensive experience in the application of next generation sequencing and microsatellite techniques for individual and population level genetic analyses, including relevant bioinformatics and analysis skills. Experience with epigenetics would be desirable.
3. Evidence of ability in, and commitment to, science communication in the field of conservation genetics (including reintroduction genetics) and a vision for the activities they will undertake at the ANU as part of the forward research, teaching and outreach agenda of the Fenner School in this area.
4. A demonstrated ability and commitment to apply for competitive external funding to support individual and collaborative research activities.
5. Evidence of an ability and willingness to teach.
6. An ability to supervise and graduate high quality PhD/Masters research students.
7. The demonstrated ability to work as part of a team, contributing to team management and a demonstrated ability to meet deadlines.
8. 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.
9. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.

Delegate Signature:		Date:	
Printed Name:		Position:	

References:

[Academic Minimum Standards](#)