



College/Division:	ANU College of Science
Faculty/School/Centre:	CEAT Innovation Institute
Position Title:	Senior Fellow in the Practice of Agri-Technology
Classification:	Level C – Salary package \$150K to \$167K (including 17% superannuation)
Responsible to:	Director , CEAT

PURPOSE STATEMENT:

ANU College of Science

The ANU College of Science (CoS) comprises the: Research School of Astronomy and Astrophysics; Research School of Biology; Research School of Chemistry; Research School of Earth Science; Fenner School of Environment and Society; Mathematical Sciences Institute; Research School of Physics and Engineering; Centre for Entrepreneurial Agri-Technology (CEAT) Innovation Institute; and, 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.

Centre for Entrepreneurial Agri-Technology (CEAT)

The CEAT Innovation Institute is focused on building an innovation ecosystem where research and technology is targeted to agricultural challenges, independent of traditional discipline boundaries. CEAT builds partnerships with industry, researchers and government to grow an ecosystem where agri-technology solutions thrive.

As part of its Research Translation Initiative, CEAT: supports the success and impact of industry-driven, interdisciplinary projects; provides incentives and support to connect researchers in the ANU/CSIRO Precinct with the agriculture industry; forms relationships with existing networks and research institutes to share knowledge and identify innovations applicable to Australia; and, engages in the policy reform debate to help build a common understanding of the causes and consequences of transformational change in agriculture.

CEAT's Research Translation Initiative is developing a proactive culture and an integrated system to facilitate the process of research translation, so that the university's research outcomes are more effectively translated into agricultural practice, policy or impact. This requires: growing an ecosystem where agri-tech solutions are co-created, tested, translated (some to commercialisation) and adopted; building partnerships with industry, researchers and government and the formation of Innovation Project Teams; forming relationships with networks and institutes to share knowledge and identify innovations; and, engaging in policy debate on the drivers and consequences of transformational change in agriculture.

As part of its Innovation Training Initiative, CEAT focuses on developing new skills and pathways for future innovators influencers and leaders. It does this through providing opportunities for students/early career researchers to interact with industry, and by initiatives that develop entrepreneurial skills. CEAT is supporting the development of new educational offerings, including the establishment of a Masters degree in Agricultural Innovation.

Key to the CEAT mission is the development of industry-relevant research and teaching programs in areas of relevance to the agri-technology domain and wider agri-food sector.

The Senior Fellow in the Practice of Agri-Technology is expected to undertake work in all three areas of academic activity (research, education and service, including outreach), each informed by the Senior Fellow's industry knowledge, experience and networks. The allocation of time to each area will be discussed with the position supervisor regularly and be reflective of an appointee's independent research agenda and interdisciplinary teaching requirements and leadership opportunities within the Institute environment. The Senior 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 Institute, College and University.

This position provides practice-led expertise in an area of interest to the building of an industry-aligned innovation ecosystem at the ANU. The Senior Fellow will make a proactive contribution to CEAT's research, engagement and knowledge transmission activities, including leading: the framing, design and delivery of research programs, courses and masterclasses; the publication of traditional academic and non-traditional, industry-aligned research outputs; the supervision of students and early career researchers; the development of practice-orientated work programs and initiatives; and, engagement with stakeholders, towards securing financial, human and/or intellectual support for the research through both internal and external mechanisms.

The purpose of this appointment is to:

1. Contribute practice-led expertise to drive CEAT's support for interdisciplinary, outward-focused and collaborative research programs;
2. Provide, in a collaborative manner, practice-led expertise into traditional and non-traditional academic outputs developed by CEAT;
3. Make a proactive contribution to the development of partnerships and collaborations across industry, government, NGOs, philanthropists, research/education institutions, media and civil society;
4. Provide practice-led expertise in the development and delivery of educational offerings and CEAT aligned innovative knowledge transmission activities;
5. Contribute to the strategic priorities of CEAT and those of College of Science and ANU.

POSITION DIMENSION AND RELATIONSHIPS:

The Senior Fellow will be a member of CEAT Innovation Institute, accountable to the Director of CEAT. The Senior Fellow will be expected to work collegially, leading by example to develop and maintain effective, productive and beneficial workplace relationships with all academic and professional staff, students and honorary appointees, as well as with industry stakeholders. This position may also have a mentoring role for students and will engage in collegial and productive collaborations with local, national and where possible, international colleagues.

In this specific position, the appointee will also be a point of contact for external engagement and work in partnership with both professional and academic staff to achieve the strategic priorities of the Institute, College and University.

Role Statement:

In their role as an Academic Level C the Senior Fellow is expected to:

1. Develop an agenda of high impact, independent research in the area of Agri-Technology food systems and agricultural innovation, including the generation of collaborative project teams and funding bid submissions - ultimately leading to both traditional academic and non-traditional research outputs and impact. Actively seek and secure external funding including the preparation and submission of research proposals to external funding bodies.
2. Develop a teaching and education agenda in support of the Institute and its partner Research Schools, for delivery at the undergraduate and/or graduate levels. Lead, supervise and develop less senior academic and research support staff in your research area.
3. Proactively contribute to all aspects of the operation of the Institute and College. This may include representation through committee memberships.
4. Lead outreach activities including to prospective students, research institutes, industry, government, the media and the general public.
5. Maintain and actively promote high academic standards in all education, research and administration endeavours.
6. Take responsibility for their own workplace health and safety and not willfully place at risk the health and safety of another person in the workplace.
7. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.
8. Other duties as required that are consistent with the classification of the position.

SELECTION CRITERIA:

1. A PhD that is relevant to agri-technology and agricultural innovation OR an equivalent, demonstrated sustained intellectual leadership in an area of relevance to agri-technology, food systems and agricultural innovation, in non-academic environments.
2. A track record of articulating and prosecuting innovative research in the fields of agri-technology, food systems and agricultural innovation, and a vision for the activities to be undertaken at the ANU.
3. A demonstrable and active network of potential industry or government partners with decision-making authority, including a track record in delivery of agri-innovation through such a network.
4. A record of winning bids for competitive external funding to support individual and collaborative research activities.
5. A demonstrated record of developing partnerships to support individual and collaborative research or practice-based activities, and the ability to identify similar opportunities for others to pursue.
6. Demonstrated practice-based ability to mentor and develop colleagues to achieve goals in alignment with the Institute's strategic priorities, particularly in relation to building a diverse and inclusive community life.

7. Demonstrated ability to lead and work as part of a team, significantly 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:	Owen Atkin	Position:	Director

References:

[Academic Minimum Standards](#)