

Position Description

College/Division:	College of Science
Faculty/School/Centre:	CPAS
Department/Unit:	
Position Title:	ANU/CSIRO Postdoctoral Fellow (Responsible Innovation in Precision Health)
Classification:	Academic Level B
Position No:	
Responsible to:	Associate Prof. Sujatha Raman

PURPOSE STATEMENT:

The Australian National Centre for the Public Awareness of Science (CPAS) and the Research School of Social Sciences (RSSH) at the ANU have partnered with the Commonwealth Scientific and Industrial Research Organisation (CSIRO) in a collaboration focused on advancing the science and practice of responsible innovation in the broad domains of precision health and synthetic biology. The **ANU/CSIRO Postdoctoral Fellow (Responsible Innovation in Precision Health)** is expected to carry out independent and team-based impact-focused social science research on the role of responsible innovation in precision health. For this position, there is strong interest in exploring matters of equity and diversity in the development and delivery of health innovations that are responsive to Australia's unique demography and geography. It is anticipated this research will contribute new insights, practices, and approaches that both advance the science and practice of responsible innovation and also contribute to the development of socially responsible innovations in healthcare for Australians. We welcome inquiries from researchers with expertise in developing creative methods to engage with scientific practices in a wide range of contexts, e.g. culture, ethics, justice, sustainability, decolonization, public policy and regulation, data sovereignty and commercialization, and/or social impacts from new health and medical technologies. The Fellow will be participating in a unique collaborative research environment and working with two internationally leading research institutions, the ANU and CSIRO, to advance multidisciplinary social and natural scientific research.

CONTEXT FOR POSITION: CSIRO-ANU COLLABORATION ON RESPONSIBLE INNOVATION

The multi-million, multi-year CSIRO-ANU Responsible Innovation Collaboration is a significant partnership and program of joint research activities undertaken collaboratively with the CSIRO (www.csiro.au). CSIRO, Australia's national science agency, is focused on creating measurable economic, environmental and social benefits that better our world and Australia's place in it. This collaboration is recruiting two jointly-funded Postdoctoral Fellow positions to develop research capability in responsible innovation in the domains of precision health and of synthetic biology. It is expected that the Collaboration will contribute to the ANU's Strategic Plan highlighting the University's role in creating outcomes for longer-term societal benefit and transformation. On the ANU side, the Collaboration is led by Professor Catherine Waldby (Research School of Social Sciences/RSSH) and Professor Joan Leach (Australian National Centre for the Public Awareness of Science/CPAS). Within CSIRO, this Collaboration forms part of a broader investment in developing a national cohort of early career researchers supported by the [Responsible Innovation Future Science Platform](#) (FSP) led by Dr Justine Lacey. This position also provides a strong connection to CSIRO researchers working in the [Precision Health Future Science Platform](#) with the opportunity for co-location between ANU and CSIRO sites during the Fellowship. The successful ANU appointee will also be appointed as a Visiting Scientist at CSIRO to encourage effective cross-institutional collaboration and provide opportunity to conduct their research in both academic and applied impact-focused research settings. The appointee will also benefit from being part of an international network of scholars relating to these issues.

Additionally, the jointly-funded Postdoctoral Fellows will be embedded in high-quality research environments at the ANU and have access to experts in science and society at both CPAS and RSSH. CPAS was Australia's first science communication centre and is a world-leader in education, research and knowledge exchange on imaginative ways of engaging with science and its social, ethical and policy dimensions. CPAS is committed to making science accessible and opening up scientific issues for public scrutiny and debate. A/Prof Raman (CPAS Research Director; former Director of the UK Leverhulme Making Science Public Research Programme) has day-to-day responsibility for CPAS' research on responsible innovation. The 2016, 2017 and 2018 QS rankings recognised all RSSH disciplines as within the top 20 in the world, and as number 1 nationally in each case.

The Postdoctoral Fellow (Responsible Innovation in Precision Health) will be expected to devise frameworks/methods and conduct research that deepens understanding of diversity and equity issues in new and potentially disruptive health innovations. The Fellow will have the opportunity to co-develop the intellectual and research trajectory of the project in line with their own expertise, and the expertise of their supervisory team.

KEY ACCOUNTABILITY AREAS:**Position Dimension & Relationships:**

The Postdoctoral Fellow (Responsible Innovation in Precision Health) will report to A/Prof Raman (Research Director, CPAS), and work closely with CPAS Director Prof Joan Leach (Director, CPAS) and Dr Marcus Barber (Senior Research Scientist) at CSIRO. The Fellow will engage with a rapidly growing network of social, data, and life science researchers at CPAS, RSSS and CSIRO working on responsible innovation, as well as engaging with scientists working on precision medicine at ANU and in the Precision Health FSP at CSIRO. They will contribute to the development and practice of RI scholarship, as well as making specific contributions to RI in the Precision Health domain. The Fellow will also support the broader activities of the CSIRO-ANU Responsible Innovation Collaboration, including those related to engagement, training and workshops.

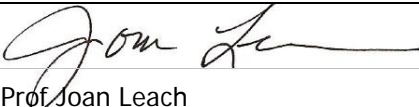
Role Statement:

Specific duties required of a **Level B Academic** may include:

- 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;
- supervision of research-support staff involved in the staff member's research;
- guidance in the research effort of junior members of research-only academic staff in his/her research area;
- involvement in professional activities including, subject to availability of funds, attendance at conferences and seminars in the field of expertise;
- administrative functions primarily connected with his/her area of research;
- occasional contributions in the teaching program within the field of the staff member's research;
- co-supervision, or where appropriate supervision, of major honours or postgraduate research projects within the field of the staff member's area of research;
- attendance at meetings associated with research or the work of the organisational unit to which the research is connected and/or departmental and/or faculty meetings and/or membership of a limited number of committees; and
- other duties as allocated by the supervisor or the Vice-Chancellor consistent with the classification of the position.

SELECTION CRITERIA:

1. A doctorate in a relevant discipline area (such as science communication, social studies of science and technology, anthropology, sociology, political studies, ethics, or similar discipline).
2. Evidence of publication in high-ranked journals in the area of social dimensions in technological innovation, equity and diversity issues, health and/or biomedicine, and/or similar areas.
3. Experience in designing and delivering impact-focused social science and/or socially-facing research with experience of working in cross-cultural settings desirable
4. Demonstrated ability to work in an interdisciplinary team of researchers, plus the motivation and discipline to work collaboratively and autonomously.
5. High-level written and oral communication skills with the ability to represent the research team effectively internally and externally.
6. Ability to work productively and creatively with diverse partners across multiple disciplines in both academia and government agencies as part of this large-scale, multi-institution research programme.
7. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context

Director Signature:		Date:	03/10/2019
Printed Name:	Prof. Joan Leach	Uni ID:	U1005432

References:

[Academic Minimum Standards](#)