Narrative CV Example Early Career Researcher

An example of an Early Career Researcher's Narrative CV with the project role of Key Individual

PART 1

Personal details				
Title (optional)	Dr			
First Name	Anna			
Family Name	Moss			
Present position	Lecturer			
Organisation/Employer	University of Canterbury			
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Research identifier (if applicable)	https://orcid.org/my-orcid?orcid=0000-0000-0000-0000 https://www.researchgate.net/profile/007AnaM			

Most recent/relevant significant qualifications, and/or recognition or merit-based roles, awards, and memberships	
1.	2017, PhD, Solid States Physics, Victoria University of Wellington
2.	2012, MSc, Physics, Photonics, Otago University
3.	2010, BSc, Theoretical physics, Otago University

Most recent/relevant professional positions and/or community roles held	
1.	2021 –, Lecturer, University of Canterbury
2.	2018-2021, Research Scientist, GNS
3.	2017-2018, Postdoctoral Researcher, Victoria University of Wellington

Most recent/relevant areas of expertise (up to five)	
1.	Optics and photonics, Nanostructures and Negative-index metamaterial
2.	Material characterization, Spectroscopy, XRD, and more
3.	Multiphysics modelling, COMSOL
4.	Thermodynamics, Temperature and Latent Heat
5.	Precision Measurement, Measurement Uncertainty

Most recent/relevant publications to the proposal (up to five)	
1.	Moss, A., et al. Characterization of conductive materials for negative index applications. Appl. Phys. A 000, 000 (2021).

Most recent/relevant publications to the proposal (up to five)	
2.	Moss, A., et al. Nano-Structured Gratings for Improved optical properties, Optik, B, 000 (2019)
3.	Moss, A, et al. “Miniaturized heat bath modelling,” in The New Zealand Institute of Physics (NZIP), 2019, Christchurch, New Zealand
4.	Moss, A, et al. “Enhance light absorption in solar cells by parameter optimization,” IEEE Photonics Journal, 000A, (2018)
5.	Moss, A, et al. “Thin film deposition for plasmonic applications,” Proc. of META17, the 8th International Conference on Metamaterials, Photonic Crystals and Plasmonics (July, 2017), Incheon, South Korea

Total years of relevant experience	
Total years	9 years including full time research as part of a degree

Your role as part of the project you are applying to (mandatory)

- I am a key Individual on the project team.
- I believe my contribution as a key individual will be crucial to the success of the project as I expect to guide and mentor at least two PhD and/or master’s students to deliver the proposed output.

Career break events

I had to re-think my work-life priorities when planning to take maternity leave. My small team was in a vulnerable state as there were rumours that two team members were planning to resign. I decided to take a shorter maternity leave of four months to help out and when I returned to work, I worked part-time (3 days a week) over one and a half months to relieve the pressure on the team. It was a tough time, but I learned a lot about myself including how resilient I am.

PART 2

When completing sections in Part 2, we recommended you use bullet points and short descriptions.

How have you contributed to broader societal engagement and/or knowledge exchange?

- 2018-ongoing; I frequently run science demonstrations for school students and sat on panels, either visiting schools (at least 15) or running lab tours for events such as the International Day of Women in Science, Pūhoro STEM Academy, Chiasma, Innovative Young Minds, and end of year school science fairs.
- 2018; I supervised a group of five high school students on a 2-day programme, where I introduced a science problem and guided their investigation. Funded by the Royal Society, the event was a good opportunity to promote scientific thinking in students.
- 2015-2017; As a lab demonstrator, I interacted with different types of students in 3 different labs, provided guidance and assessed their projects.
- 2013; I coached a student on her master’s thesis based on the successful delivery of my own masters’ degree. The opportunity was proposed by my supervisor.

How have you contributed to the generation, revitalisation, preservation, and dissemination of knowledge?

- I have found it important to be a role model for young students in STEM, so I present scientific talks and have represented my institutions in several roadshows, open days, and other appropriate occasions.
- 2019-2020; I participated in 3 international working groups and task groups in my area of research, and my contribution involved attending meetings, discussing science, input into future strategies and writing reports.
- 2012-ongoing; I have published about 20 peer reviewed journal articles, conference proceedings (2 pages or more), and a book chapter. The full list is available in my ORCID iD.
- 2011-ongoing; I presented my research at several local and international conferences in the form of posters or talks. This has often resulted in further networking and collaboration. One example was at the Precision Measurement Conference (BITM), in 2019 in China, where I had the opportunity to present my work to a group of international colleagues. I have expertise in both theoretical and experimental physics, which is rare, hence I was able to explore the thermodynamic interactions in a more comprehensive manner. This work attracted the attention of my French and Irish colleagues and resulted in an exchange of knowledge. As part of my interactions with researchers there, I was successful in securing a seat in an international working group on thermodynamic measurements.
- I have not directly submitted any contestable applications, however my PhD research contributed to a Marsden project my supervisor had active at the time. Although, I received my scholarship directly from the university, lab equipment and consumables were partly procured by the Marsden Fund, and I had a general understanding of what the project wanted to achieve.

How have you contributed to the development of individuals, collectives, iwi/hapū?

- 2019; I was responsible for employing a technician in my lab and designed a career development plan for them to get familiar with everyday work, set goals and milestones and most importantly, helped them in understanding our way of working. This was a successful experience, and I am still in touch with the technician.
- 2019; I led a summer science project when I was a scientist and employed a Māori undergrad student (with Mātauranga knowledge and fluent in te reo) to ensure the Mātauranga aspect of the project was properly included and integrated comprehensively. This was very well received. You can find a copy of the report and a list of media coverage on https://www.gns.cri.nz/news/reportA123L.

How have you contributed to the wider research or professional community?

- 2019; I co-organized and chaired one of the keynote speakers' sessions at The Institute of Electrical and Electronics Engineers flagship international conference in New Zealand, for more info check the conference web page in the, https://ABCD2019.ieee-ims.org/pages/call-papers
- 2018-ongoing; I organize numerous events at science demonstrations a few times per year, you can find the media coverage to two of them here on

https://www.curious.ac.nz/sciencevisit and https://www.royalsociety.org.nz/powering-potential/2018teams.

- 2013-ongoing; I have peer reviewed 20 or so journal articles relevant to my area of expertise.

Personal statement

- I have a passion to progress in my career and promote STEM subjects to underrepresented groups, especially women. As a result, I have been mindful of encouraging female students in my visits and demonstrations and work with female summer students if possible.
- I am interested in leadership in science and have mentored younger students towards their academic and career goals. This has improved my lecturing as I engage and teach students.
- In my role as a lecturer, I have actively engaged with other academics in my area to grow my network and connections. This is how I have the opportunity to apply as part in this project and found this research team technically competent and supportive.
- I am excited to use my multi-disciplinary knowledge to progress a ground-breaking project.
- I admire the science lead and am excited to work with them. I look forward to learning a lot about how they like to work and get the best from other members of the project team.