

Narrative CV Example Impact Researcher

An example of an Impact Researcher's Narrative CV with the project role of Science Lead

PART 1

1a. Personal details			
Title (optional)	Dr.		
First Name	John		
Second Name	Murray		
Family Name	Smith		
Iwi Affiliation, Pacific identity and/or any other as applicable	N/A		
Present position	Principal Scientist		
Organisation/Employer	CRI		
Contact Address	Wellington, New Zealand		
		Post code	
Work telephone		Mobile	
Email	John.Smith@CRI.govt.nz		
Personal website (if applicable)	linkedin.com/NZAUS/JohnSmith222		
Research identifier (if applicable)	https://orcid.org/my-orcid?orcid=0000-0000-0000-0000 https://scholar.google.co.nz/citations0000000000000000		

Most recent/relevant significant qualifications, and/or recognition or merit-based roles, awards, and memberships	
1.	2016 and 2021 – Invited speaker, Personal, Indoor and Mobile Radio Communications Symposium, Institute of Electrical and Electronics Engineers (IEEE)
2.	2015 – Keynote speaker, Australian Communication Network Conference
3.	1999 – PhD, Electronics engineering, University of Auckland
4.	1984 – Bachelors, Electronics engineering, University of Canterbury

Most recent/relevant professional positions and/or community roles held	
1.	2019 – Principal Researcher, CRI
2.	2017 – Chair of two International Committee Working Groups on wireless communications
3.	2016-present – Independent consultant to industry on wireless technology research
4.	2010-2014 – Team Leader of Science, Industrial Research Limited (IRL)

Most recent/relevant professional positions and/or community roles held	
5.	2006-2010 – Quality Manager, IRL
6.	1994-2010 – Research Programmes Lead, IRL

Most recent/relevant areas of expertise (up to five)	
1.	Digital signal processing for wireless communication
2.	Wireless communication, design, and development
3.	Orthogonal frequency-division multiplexing (OFDM) a method of encoding digital data on multiple frequencies to carry data on several parallel data streams or channels

Most recent/relevant publications to the proposal (up to five)	
1.	J.M. Smith*, A.B. Bing, C.N Kasra, J. MacDonald, and L.M. Leong. 2021. An Adaptive Modulation and Effective Power Distribution Technique for V-BLAST 2X2 MIMO OFDM System, Journal of Telecommunications System & Management; vol 45 no. 2, pp. 67-78.
2.	M. Szabo, J.M. Smith*, and C.B. Christian. 2021. AI-Managed Reasoning Radio Digitizers, In Proceedings of Digest Indoor and Mobile Radio Communications Conference, 3-5 Nov 2020, DOI:100.100385/IEEE2056, pp. 189-193.
3.	J.M. Smith*, M. Dittmer, and C.B. Christian. 2018. Wireless communications and recording devices. In Proceedings of Digest, Wireless and Satellite Communications Conference, 26-27 October, Paris, pp. 201-204.
4.	L.B Kozlov, J.M. Smith*, and L.M White. 2018. Wireless Network Construction Technology Solutions for Data Processing. In Proceedings of Int. Conference on Application and Communication Technologies, 7-9 Oct 2018, Budapest, pp. 54-59.
	I.A. Singh, K.M. Mousavi, J.M. Smith*, and I.C. O'Neill. 2016 Energy-efficient resource-allocation scheme for OFDM systems with distributed antennas. IEEE Transactions on Vehicular Technology, vol 75, Issue 3, pp. 456-464

Total years of relevant experience	
Total years	30 years, including PhD

Your role as part of the project you are applying to (mandatory)
I would be the Science Lead with programme and commercialisation expertise for the project, responsible for delivery of a Research Aim and end-user and commercialization partners management.

Career break events
All activities below are relevant to the submitted proposal: <ul style="list-style-type: none"> • Apr-Jun 2019 – Visiting Researcher, Technical University of Darmstadt Germany, DOI:100.1000000/WirCom0000 was an outcome of this visit.

Career break events

- 1998 to 2010 – Programme manager of a large wireless communication collaborative programme including Industrial Research Limited, Victoria University of Wellington, Auckland University, and Canterbury University
- 2004 – Co-founder of the NZ wireless research communication network
- 2000 – Guest researcher, Carleton University, Ottawa, Canada, for more info contact Lis.V@carleton.ca.

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?

- 2022 – an organiser for the 2022 international wireless communication conference to be held in New Zealand.
- 1998-present – a member of the organizing committee of the IEEE New Zealand Wireless Workshop, a premier annual event that brings together industry professionals, engineers, researchers, academics, students, start-ups and policy makers to discuss technologies and issues of interest to the wireless community in New Zealand.
- 2011 – the NZ organiser and an attendee and the International Conference on Wireless and Mobile Communications.
- 2006-2013 – co-founder of a New Zealand industrial affiliate programme. Roles included being the editor and contributor of the annual newsletter.
- 2002-2012 – attended the New Zealand Institute of Physics (NZIP) annual conference and conducted workshops for teachers as part of their professional development.

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

- Published 18-20 peer reviewer journal articles and 40 internationally peer reviewed conference proceedings, the full list is available in my Google Scholar account provided above.
- Five US patents, 3 went into commercial use with 2 still in use today, one is used in mobile payment processing (patent ID: 000000A) and the other in wireless charging (Patent ID: 000000B)
- Supervisor of 10 PhD students
- External examiner for 15 PhD students and 25 Master's theses

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

- 2001- Senior IEEE membership where I have been recognised for my significant contributions to development of the following courses the Introduction of Wireless Ad-hoc Networks and the Advanced Protocols for Wireless Ad-hoc Networks

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

- I have trained and mentored about 25 new early career researchers and technicians to set them up for successful careers. Several mentees have gone on to be acknowledged experts in their fields.
- I have coached and mentored about 12 summer university students to link with suitable international connections to pursue further study or do a post-doc.
- I received a wide range of ad-hoc requests from other researchers both within my organisation and externally. These requests range from a one-off session to activities that need follow-up. Often such activity does not result in professional recognition, however, my knowledge and experience are often crucial to put the requestor on the right path to achieve their desired outcome, e.g., consultancy on design of a national wireless communication project in Thailand.
- From time to time, I provide advice on the latest wireless technologies to the Wireless Internet Service Providers Association of NZ which has 22 organisational members.

How have you contributed nationally or internationally to the development of research and technology impact?

- Project managed or lead around 30 technical services contracts for industry.
- Licensed 15 IP sets to various industry companies and also acted as a consultant to six of them.
- Developed a word leading modem and tried to commercialise it in New Zealand but the idea was sold to “Better Wireless LTD”, a British Pioneer Wireless company, and the modified versions of the modem are still being produced and sold today. You can contact Ali.M@BetterWireless.com with the contract number 10-3-2004XLS for more info.
- I have provided mentorship to three start-ups, one of which has gone on to be sold to a Korean technology company. Please contact Andrew.D@AA.com, Ben.K@BB.com, and Karen.H@CC.com for inquiry regarding my role in development of start-ups AA, BB and CC, respectively.

Personal statement

- I am passionate about commercial and economic development opportunities offered by new commercial wireless technology.
- I am excited by the proposed programme which provides an opportunity for NZ to be competitive worldwide.
- I am excited about the depth and quality of the proposed team and have confidence to deliver projects.