



# Tanya Monro



**STEM field(s):** Science (Physics)

**Born:** 1973, Sydney (Gadigal land of the Eora Nation)

**Intersectionality:** low socio-economic, culturally/linguistically diverse



- The daughter of an Italian immigrant, raised in Bankstown, Tanya had intended to be a musician.
- Achieved a PhD in physics from the University of Sydney.
- A research position at the University of Southampton (UK).
- Involved in Research and Innovation at the University of Adelaide: Founding director of the Institute for Photonics and Advanced Sensing.
- Appointed Australia's first female Chief Defence Scientist in 2019.
- Has published in books, and numerous refereed journal articles and conference papers.
- Has a passion for bringing together different areas of science.
- Awards: SA Australian of the Year; SA Scientist of the Year; the Pawsey Medal from the Australian Academy of Science.
- Is a science fiction fan. Played cello in the Burnside Symphony Orchestra in Adelaide. Has made her own clothes and designed some of her shoes.

‘What’s interesting is the idea of creating knowledge between the existing discipline ‘silos’ – and creating new tools and technologies out of that knowledge.’