



# Tanya Monro



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

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

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



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

- 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.

