Shaun Frost is a medical scientist and team leader at our National science agency, the CSIRO.

A main focus of his research involves using advanced imaging techniques to detect and monitor diseases, including hypertension, Alzheimer's disease and stroke.

He has been involved in developing new imaging devices, including a revolutionary portable eye imaging device to test for ocular disease in remote locations. The device was commercialised and even made it to the International Space Station for research on astronaut eye health.

Shaun has published research identifying early changes in the eye in Alzheimer's disease, including blood vessels in the retina and also changes in the way the pupil responds to light. These changes have the potential to lead to a simple screening test to detect the disease early and give treatments a better chance to succeed.

He now leads the *Artificial Intelligence in Digital Health* Team in CSIRO, researching AI in various applications including eye disorders like diabetic retinopathy, neurodegenerative disorders, systemic disorders such as hypertension, and also cancer detection, x-ray fracture detection and wound management.