

Australia opens training centre for radiation innovation

November 6, 2025 | News

Backed by \$4.9 million in ARC funding and more than \$15 million in total support



One of Australia's newest Australian Research Council (ARC) Training Centres is preparing researchers to lead in nuclear science and radiation technology – supporting innovation, safety and national capability.

The ARC Training Centre for Radiation Innovation (RadInnovate) has officially launched, backed by \$4.9 million in ARC funding and more than \$15 million in total support. Led by the Australian National University (ANU), RadInnovate brings together researchers from ANU, the University of South Australia and the University of Adelaide, alongside 12 industry and government partners.

Radiation science plays a vital role in modern life – from cancer treatments and medical imaging to space materials and clean energy. To keep pace with global challenges, Australia needs more skilled researchers who understand both the science and the systems that support it.

RadInnovate is meeting that need by combining technical training with leadership, regulation and communication skills. Students will gain hands-on experience and mentorship from industry partners, preparing them to lead in complex, fast-moving fields.

The Centre's strength lies in its interdisciplinary team including physicists, engineers, medical radiation scientists, legal experts, bioethicists and communicators. It also works closely with First Nations communities, drawing on both scientific and cultural knowledge to shape sustainable outcomes and build public trust.

Image caption- (L-R) Tony Cook, Secretary of the Department of Education, Government of Australia, and Professor Ute Roessner, CEO of the Australian Research Council