

ACT

- ANU marine palaeontologist Dr Sarah Kachovich who studies tiny ocean fossils to predict future changes to the earth and its oceans.
- ANU hydroclimatologist Dr Chiara Holgate who investigates how floods and droughts begin.

NEW SOUTH WALES

- Museum Educator Sally Hurst transforms complex scientific information into fun and engaging stories to inspire the next generations (Australian Museum)
- Carbon Data Scientist Dr Melanie Zeppel helps farmers measure the carbon in their soil to make their farms more drought resilient (Carbon Link)
- Technologist Neelima Kadiyala develops new technology to help customers in banking (Challenger Limited)
- Radio astronomer Dr Vanessa Moss using AI to automate telescopes so we can better explore our place in the Universe (CSIRO)
- Defence scientist Priscilla Thwaites leads a team that builds underwater drones to protect Australia's national security (Defence Science and Technology Group)
- Cancer epigeneticist Dr Amanda Khoury - who maps the 3D structure of DNA to see how it changes when people get cancer (Garvan Institute of Medical Research)
- Marine scientist Professor Kirsten Benkendorff securing the future of our seafood industries by managing marine environments (Southern Cross University)
- Physicist Dr Karen Livesey who uses tiny magnets to help treat cancer (University of Newcastle)
- Pharmacist Anna Barwick whose startup company is bringing telehealth pharmacy services to rural communities (University of New England)
- Psychologist Dr Caitlin Cowan who studies how the bugs in our gut influence our brains and behaviour (University of Sydney and UNSW)
- Behavioural ecologist Caitlyn Foster who studies bees to find clever new ways to improve pollination for crops (University of Sydney)
- Christina Maher, a biomedical engineer using AI to map the brain's highways and predict disease (University of Sydney)
- Ecologist Dr Eliza Middleton studying insect behaviour as an early warning sign for damage to our ecosystems (University of Sydney)
- Geoscientist Dr Nicky Wright reconstructs Earth's surface through deep time to explore past changes in climate (University of Sydney)
- Synthetic biologist Dr Taylor Szyszka engineers plant proteins to improve crop yields (University of Sydney)
- Anatomist Dr Theresa Larkin who is teaching the next generation of medical students about the human body (University of Wollongong)
- Cognitive neuroscientist Professor Emily Cross is collaborating with robots to understand how the brain learns complex new skills (Western Sydney University)

- Science commercialisation expert Natalie Chapman whose company gemaker helps scientists turn their breakthroughs into new deep tech startup companies.

SOUTH AUSTRALIA

- Space weather expert Dr Kate Brand who predicts solar flares that can disrupt satellites that power our mobile phones (Bureau of Meteorology)
- Kuarareg Torres Strait Islander wildlife conservation biologist Tiahni Adamson - who combats climate change in her company's work to develop emissions-slashing seaweed for use in livestock feed and in partnerships with First Nations communities (CH4 Global)
- Alywarr woman Sophie Gilbey - an ecohydrologist working to understand how animals, plants and people can share water in our fragile environments (CSIRO)
- Sleep scientist Dr Grace Vincent who is helping shift workers, emergency responders and new parents to battle chronic sleep deprivation (CQUniversity)
- Biomedical engineer Dr Dhani Dharmapranjani who uses maths to model the heart to help prevent heart attacks (Flinders University)
- Dr Kelsi Dodds - a neurophysiologist who studies how our organs, like the uterus and gut, talk to our brain (Flinders University)
- Ecologist Dr Alice Jones who uses science to help our coastal wetlands store carbon to combat climate change (University of Adelaide)
- Engineer Dr Jessica Bohorquez who uses technology to maintain water pipes to make sure we all have clean water (Inside Infrastructure & University of Adelaide)
- Statistician Dr Melissa Humphries who creates tools that help people understand data so they can make better decisions (University of Adelaide)
- Dr Rachelle Kernan - a geoscientist finding solutions to fight climate change so we can reach net-zero (University of Adelaide)
- Laser Physicist Dr Sarah Scholten who makes laser-based clocks to improve the next generation of GPS satellites (University of Adelaide)
- Biochemist Dr Tara Pukala who is trying to uncover the molecular machinery in our cells that controls health and disease (University of Adelaide)
- Dr Tatiana Soares da Costa who uses science to develop new weed killers to safeguard future food production in a growing world (University of Adelaide)
- Geoscientist Associate Professor Caroline Tiddy who is developing new ways to find the metals needed to build clean energy technology. (University of South Australia)

QUEENSLAND

- Commercialisation Expert Associate Professor Cori Stewart who helps manufacturers use digital technology to transform their business (Advanced Robotics for Manufacturing Hub)
- Sleep Researcher Dr Grace Vincent helping shift workers and emergency responders fight chronic sleep deprivation (CQUniversity)

- Composite Materials Engineer Dr Tatheer Zahra who makes high performance materials to protect buildings and bridges from earthquakes (Queensland University of Technology)
- Ngemba, Wayilwan and Wiradjuri computer scientist Susan Beetson is building culture hubs on Country to help Aboriginal communities digitally translate Indigenous knowledges (University of Queensland)
- Dr Sophie Andrews is a neuroscientist working to boost brain health and protect against dementia (University of the Sunshine Coast)

TASMANIA

- Dr Indrani Mukherjee who uses the chemical information stored in rocks to understand Earth's ancient ocean chemistry (University of Tasmania)
- Computer Scientist Mars Buttfield-Addison who is monitoring space debris using machine learning (University of Tasmania)
- Dr Samantha Sawyer who helps food companies become resilient to climate change by making more sustainable foods (University of Tasmania)

VICTORIA

- Dr Susi Seibt who shoots X-rays at tiny nanomaterials to look at their chemistry and physics to make clever new products. (ANSTO)
- Conservation scientist Dr Lily van Eeden who uses the science of psychology to motivate people to protect our environment. (Arthur Rylah Institute for Environmental Research)
- Engineer Stef Cola who leads a team of software engineers to create computer programs used by businesses all over the world (Clear Dynamics)
- Marine scientist Dr Prue Francis - a scientist developing new technologies to restore our underwater seaweed forests (Deakin University)
- Dr Ana Baburamani who works on next-generation science and technology to safeguard Australia's defence forces. (Defence Science & Technology Group)
- Microbiologist Dr Jaclyn Pearson who is discovering new ways of fighting life-threatening superbugs (Hudson Institute of Medical Research)
- Engineer Patricia Kerin who helps leaders to improve their company's safety by challenging the status quo (Institution of Chemical Engineers)
- Roboticist Dr Elahe Abdi who builds robots to help people doing demanding or dangerous jobs. (Monash University)
- Penguin expert Paula Wasiak who investigates the secret lives of penguins to protect them and our environment (Phillip Island Nature Parks)
- Astrophysicist Dr Sara Webb who uses AI to explore the universe and beyond (Swinburne University of Technology)
- Clinical biostatistician Dr Anurika De Silva who uses maths to help doctors decide which treatments work best for patients (University of Melbourne)

- Optometrist Dr Flora Hui who is finding new ways to diagnose eye diseases earlier and prevent blindness (University of Melbourne & Centre for Eye Research)
- Mathematical epidemiologist Dr Camelia Walker who uses maths models to curb the spread of infectious diseases (University of Melbourne)
- Medical educator Dr Sathana Dushyanthen who is using new technologies to bring education to life for Australia's doctors and nurses. (University of Melbourne)

WESTERN AUSTRALIA

- Radio astronomer Dr Laura Driessen - a scientist searching for stars using Australia's biggest radio telescope (CSIRO)
- Dr Dona Jayakody - a scientist helping people to fight dementia using hearing aids (Ear Science Institute Australia)
- Data scientist Megan Born - who uses data to transform businesses and communities to be more climate-resilient (Energetics)
- The Public Relations Manager for Sharks Dr Charlotte Birkmanis - a scientist finding new ways humans can coexist with wildlife like sharks (Hydrobiology)
- Astrophysicist Dr Adelle Goodwin - a scientist who studies what happens when stars are destroyed by supermassive black holes to better understand our Universe (International Centre for Radio Astronomy Research).