



Royal Society of New South Wales 2025

Awards Winners 2025

The Awards for 2025 were announced at the 1337th Ordinary General Meeting of the Society, held on Wednesday, 3 December 2025.

Four Career Excellence Awards

2025 RSNSW James Cook Medal

Professor Michelle Haber AM FAA FAHMS (Children's Cancer Institute and UNSW)

2025 RSNSW Edgeworth David Medal

Scientia Professor Xiaojing Hao FTSE FAA (UNSW)

2025 RSNSW Ida Browne Early Career Medal

(No applicants in 2025.)

2025 RSNSW Aboriginal and/or Torres Strait Islander Scholars Medal

Professor Bradley Moggridge FTSE (UTS)

Four Discipline Awards

2025 RSNSW Liversidge Award and Lectureship in the Chemical Sciences

Professor Chuan Zhao (UNSW)

2025 RSNSW Award in the Life Sciences

Professor Richard Kingsford AO FRSN FRZS (UNSW)

2025 RSNSW Warren Award in Engineering, Technology, Architecture and Design

Professor Simon Ringer (University of Sydney)

2025 RSNSW Award in the Creative and Performing Arts

Scientia Professor Dennis Del Favero FAHA (UNSW)

Three 2025 RSNSW Bicentennial Early Career Research Citations

Dr Jiayan Liao (UTS), *Dr Brandon Munn* (University of Sydney), *Dr Adrian Y. S. Lee* (Westmead Institute of Medical Research, University of Sydney)

Four 2025 RSNSW Bicentennial Postgraduate Scholarships

Isabelle Nicolas (Macquarie University), *Eilish McMaster* (Sydney University),
Christopher Whyte (University of Sydney), *Amir Tourani* (Western Sydney
University)

Four Career Excellence Awards

2025 RSNSW James Cook Medal

The James Cook Medal is awarded for the most meritorious lifetime contributions to knowledge and society in Australia or its territories made by an individual and conducted mainly in NSW. The James Cook Medal was established by the Council in 1943 following a donation made by Henry Ferdinand Halloran to celebrate his 50 years as a member of the Society and it has been awarded periodically since 1947. In 2023, the Council determined to award it annually.

Professor Michelle Haber AM FAA FAHMS (Children's Cancer Institute and UNSW)

Few individuals have had such a sustained, transformative impact on science, medicine and community outcomes — and fewer still have an equal record of advancing knowledge, building institutions, and translating discoveries into lifesaving practice — as Professor Michelle Haber. Across more than four decades, she has shaped the field of childhood cancer research both nationally and internationally. She has contributed seminal discoveries in cancer biology, pioneered new diagnostics and therapies, and created enduring national frameworks that ensure children with cancer in Australia now benefit from world-leading personalised medicine programs.

2025 RSNSW Edgeworth David Medal

The Edgeworth David Medal is awarded for the most meritorious contributions to knowledge and society in Australia or its territories, conducted mainly in NSW by an individual who is from 5–15 years post-PhD or equivalent on 1 January of the year of the award. The Edgeworth David Medal was established by Council in 1943 in honour of Sir T. W. Edgeworth David FRS, who compiled the first comprehensive record of the geology of Australia, and following a donation made by Henry Ferdinand Halloran to celebrate his 50 years as a member of the Society. It has been periodically awarded since 1948. In 2023, the Council determined to award it annually.

Scientia Professor Xiaojing Hao FTSE FAA (UNSW)

Professor Xiaojing Hao is at the international forefront of developing cost-effective thin-film semiconductor materials to harvest sunlight for future photovoltaic technology, products and applications. She has made vital contributions to photovoltaic science and engineering by providing unique solutions for improved performance of several types of emerging thin-film photovoltaic devices, and developing efficient, cheap and environmentally friendly thin-film materials. Her work represents a significant and lasting contribution to the advancement of knowledge in this field, strengthening Australia's international standing in photovoltaics and marking her as a scientist of distinction.

2025 RSNSW Ida Browne Early Career Medal

The Ida Browne Early Career Award recognises the most meritorious contributions to knowledge and society in Australia or its territories by an individual from 0–5 years post-PhD or equivalent on 1 January of the year of the award and conducted mainly in NSW. The Ida Browne Medal was established by the Council in 2023 in honour of Ida Browne DSc, a palaeontologist and the first woman President of the Royal Society of NSW, who served from 1953–1954.

(No applicants in 2025.)

2025 RSNSW Aboriginal and/or Torres Strait Islander Scholars Medal

The Aboriginal and/or Torres Strait Islander Scholars Medal is awarded for the most meritorious contributions to knowledge and society made by scholars identifying as Australian Aboriginal or Torres Strait Islander and conducted mainly in NSW. The Aboriginal and/or Torres Strait Islander Scholars Medal was established by the Council in 2023 to reflect the full scope of the Society's values.

Professor Bradley Moggridge FTSE (UTS)

Professor Bradley Moggridge is a Kamilaroi man and the Associate Dean (Indigenous Leadership and Engagement) in the UTS Faculty of Science. He is a global leader in water research and climate change, focused on the integration of Traditional Aboriginal knowledge and Western science to provide a holistic approach to the management and repair of Country. Professor Moggridge's 25 years' experience spans water and environmental science, cultural science, regulation, Indigenous engagement, water policy and hydrogeology. His strong research publication record informs his extensive and highly sought-after engagement advising on high-profile expert panels, with professional societies, on advisory groups, RAP committees and boards.

Four Discipline Awards

2025 RSNSW Liversidge Award and Lectureship in the Chemical Sciences

Awarded for distinguished research in any area of the Chemical Sciences, conducted mainly in New South Wales. Recipients may be resident in Australia or elsewhere. The Liversidge Lectureship was established in 1931 by the Royal Society of NSW in conjunction with the Royal Australian Chemical Institute (RACI), in honour of Archibald Liversidge MA LL D FRS, Professor of Chemistry at The University of Sydney and one of the Society's Council members who sponsored its Act of Incorporation in 1881. In 2023, Council designated it the Royal Society of NSW Liversidge Award and Lectureship.

Prof Chuan Zhao (UNSW)

Prof Chuan Zhao has become the leading electrochemist in Australia. His recent award of a \$3M ARC Laureate Fellowship testifies to his standing in Australian science. His field of research, the production of green chemicals and sources of energy by electrochemistry, is actively contributing to the nation's fight against climate change. He has been the world record holder for the efficiency of hydrogen production by electrolysis of water. Prof Zhao's

work has been recognised by numerous awards and fellowships, including FRSN, FRACI, FRSC, FTSE, FIAAM, the HG Smith Memorial Award (2024) and RH Stokes Medal (2023) of the RACI.

2025 RSNSW Award in the Life Sciences

Awarded for distinguished research in any area of the Life Sciences, excluding veterinary and medical sciences, conducted mainly in New South Wales. Recipients may be resident in Australia or elsewhere. Council established the Royal Society of NSW Life Sciences Award in 2023 to reflect the full scope of the Society's founding values.

Professor Richard Kingsford AO FRSN FRZS (UNSW)

Professor Richard Kingsford is widely regarded as one of Australia's most prominent and respected experts on waterbird, wetland and river ecology, with the majority of his 30+ year career having been focused on restoring and protecting the wetland ecosystems of NSW. Over the past decade he has extended his influence to terrestrial ecology, leading the Wild Deserts Partnership Project in far western NSW, reintroducing locally extinct mammal species and controlling feral predators. His long-term contribution to environmental science in NSW has been nothing short of transformational.

2025 RSNSW Warren Award in Engineering, Technology, Architecture and Design

Awarded for distinguished research in any area of Engineering, Technology, Architecture and Design, conducted mainly in New South Wales. Recipients may be resident in Australia or elsewhere. The Warren Award honours William Henry Warren, Foundation Professor of Engineering at The University of Sydney, establishing the first faculty of engineering in New South Wales in 1884. He was founding President of the Institution of Engineers, Australia, and twice President of the royal Society of NSW.

Professor Simon Ringer (University of Sydney)

Professor Simon Ringer is a globally recognised materials engineer whose research has redefined how solute atoms govern microstructure and properties in metals and semiconductors. His breakthroughs have resolved long-standing property conflicts and translated into industrial technologies in steel, aluminium, and advanced alloys worldwide. His innovations in electron microscopy and atom probe tomography have delivered unprecedented atomic-scale insights, advancing both fundamental science and applied engineering. His leadership has transformed NSW's research landscape through both new centres and institutes, and establishing new national research facilities, expanding our capacity to make, measure and model for knowledge creation, industrial impact, and Australia's technological competitiveness.

2025 RSNSW Award in the Creative and Performing Arts

Awarded for distinguished research in any area of the Creative Arts and/or Performance, conducted mainly in New South Wales. Recipients may be resident in Australia or elsewhere. Council established the Royal Society of NSW Creative and Performing Arts Award in 2023 to reflect the full scope of the Society's founding values.

Scientia Professor Dennis Del Favero FAHA (UNSW)

Scientia Professor Dennis Del Favero FAHA is a distinguished scholar in the field of Visual Arts, whose research has resulted in frontier advances in intelligent visualisation systems. His research has involved developing and integrating artistic, conceptual, and technological advances in contemporary art using immersive aesthetics and AI. These have been developed through basic research projects with outcomes translated into applied research for field-leading industrial applications for major museums, media, performing arts, mining and emergency organisations. His work has been nationally and internationally praised for its exceptional artistic quality, as well cultural and social utility.

Three 2025 RSNSW Bicentennial Early Career Research Citations

The RSNSW Bicentennial Early Career Research and Service Citations are awarded each year to recognise outstanding contributions to research and service to the academic and wider community. Applicants must, on 1 January of the year of nomination, be no more than 5 years after the award of their PhD or equivalent by a university or other research institution in NSW or the ACT.

For 2025, three RSNSW Early Career Citations have been awarded:

- Dr **Jiayan Liao** (UTS)
- Dr **Brandon Munn** (University of Sydney)
- Dr **Adrian Y. S. Lee** (Westmead Institute of Medical Research, University of Sydney)

Dr Jiayan Liao is an award-winning nanophotonics researcher and NHMRC ELI Fellow whose work is transforming molecular diagnostics. With 90+ publications, over \$2M in funding, and industry-translated discoveries, she also contributes actively to the academic and broader community. She mentors over 10 HDR students and ECRs, serves on editorial boards, and promotes diversity in STEM through outreach and public engagement. International collaborations and industry partnerships are advancing her research in imaging, cancer diagnostics, and pandemic preparedness. Recipient of the NSW Premier's Prize (2024) and the NHMRC Research Excellence Award (2023), she exemplifies excellence, service, and leadership in science.

In a groundbreaking study recently published in *Cell*, **Dr Munn** and others uncovered a universal principle of brain organisation that unifies competing theories of neural coding. We found brain activity follows a multiscale hierarchy that is conserved across five phylogenetically diverse species from zebrafish to nonhuman primates. This structure allows the brain to balance efficiency and resilience and flexibly reconfigure during behaviour. Using physics-inspired analyses and network modelling, we show that this organisation enhances information flow. By revealing a fundamental law of brain function, this discovery provides a powerful new foundation for understanding cognition, neurological disease, and the design of future artificial-intelligence technologies.

Dr Lee is a clinician-scientist specialising in autoimmunity and Sjögren's disease (SjD). As an emerging leader in the field (SciVal FWCI 1.53), he established the first SjD biobank and registry in New South Wales and is completing his PhD in this area. Lee is a strong advo-

cate for SjD patients, engaging with them internationally and working with patient-driven organisations. He has published over 100 peer-reviewed papers, mentored young researchers, and spoken at conferences. Through his work, Lee aims to understand SjD's immunological mechanisms and promote research to improve patient outcomes. His dedication has significantly advanced SjD research and awareness.

Four 2025 RSNSW Bicentennial Postgraduate Scholarships

The RSNSW Bicentennial Postgraduate Scholarships are awarded each year to recognise outstanding achievements by young researchers in any academic field. Applicants must have completed an undergraduate degree within NSW or the ACT and must on 1 January of the year of nomination be enrolled as research students in the first or second year of their first higher degree at a university or other research institution in NSW or the ACT.

For 2025, four RSNSW Scholarships have been awarded:

- **Isabelle Nicolas** — BA (Sydney), JD (Sydney), MRes (Macq), currently a PhD candidate at Macquarie University
- **Eilish McMaster** — BAdvSci (UQ), currently a PhD candidate at the University of Sydney
- **Christopher Whyte** — BSc (Macq), MPhil (Sydney), MPhil (Cantab), currently a PhD candidate at the University of Sydney
- **Amir Tourani** — BSc (Sari Agricultural Sciences and Natural Resources University, Iran), MSc (Shahed University, Iran), currently a PhD candidate at Western Sydney University

Isabelle received the award based on the letters from nominators attesting to her contributions and capability, and her publication: Nicolas I (2024) Striking the balance: anti-money laundering goals and legal privilege in Australia. *Current Issues in Criminal Justice* 37(2): 208–227. <https://doi.org/10.1080/10345329.2024.2420146>

Eilish received the award based on the letters from nominators attesting to her contributions and capability, and her publication: McMaster ES, Dimon RJ, Baker AG, Harre C, Mallee J, Maric A, Richards P, Wiseman M, Ho SYW & Rossetto M (2025) Combining spatial, genetic, and environmental risk data to define and prioritize in situ conservation units. *Ecology and Evolution* 15(5): e71251.

Christopher received the award based on the letters from nominators attesting to his contributions and capability, and his publication: Whyte CJ, Müller EJ, Aru J, Larkum M, John Y, Munn BR & Shine JM (2025) A burst-dependent thalamocortical substrate for perceptual awareness. *PLOS Computational Biology* 21(4): e1012951. Link: <https://journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi>

Amir received the award based on the letters from nominators attesting to her contributions and capability, and her publication: Tourani AH, Katlav A, Cook JM & Riegler M (2024) Mating receptivity mediated by endosymbiont interactions in a haplodiploid thrips species. *Proceedings of the Royal Society B* 2024 Oct 30; 291:20241564. <https://doi.org/10.1098/rspb.2024.1564>



Events in 2025

Meetings were held by the Society in five places: Sydney; Newcastle by the Hunter Branch; Mittagong by the Southern Highlands Branch; western NSW by the Western NSW Branch; Armidale by the New England North West Branch.

1329th OGM and Open Lecture

Distinguished Professor Ian Paulsen FRSN FAA FASM, Director, ARC Centre of Excellence in Synthetic Biology Macquarie University, “Inspired by Nature, Designed by Science,” 5 February, Metcalfe Theatre, State Library of NSW

Annual Meeting of the Four Societies 2025 (Australian Institute of Energy, Engineers Australia, Royal Society of NSW, Australian Nuclear Association)

Dr Robert Barr AM FIEAust CPEng, Director Electric Power Consulting, “Integrating nuclear generation into the Australian electricity grid,” 19 February, Engineers Australia Sydney Offices, 44 Market Street, Sydney

Southern Highlands Branch Meeting 2025-1

Susannah Fullerton OAM FRSN, Author, Literary Lecturer, and Tour Leader, “Dr Johnson’s Dictionary,” 20 February, RSL Mittagong, Carrington Room

Ideas@theHouse: February 2025

Dr Sarah Britton, Director, One Health Unit Interim Australian Centre for Disease Control Department of Health and Aged Care, “Where Worlds Collide: Exploring the wild/domestic animal-human interface in One Health,” 20 February, Government House, Sydney, <https://youtu.be/6GYERoCLadk>

RSNSW Student Award and Early Career Citation Presentations

Mr David Sweeney, University of Sydney; Mr Muyang Li, University of Sydney; Mr Joel Sved, University of Sydney; Ms Linqing Tian, UNSW Sydney; Dr Fei Deng, UNSW Sydney; Dr Jennifer Matthews, University of Technology Sydney; Dr Cynthia Turnbull, Australian National University, 5 March, University of Technology Sydney, UTS Central (Building 2) Foyer, Ultimo

RSNSW 2025 Annual Dinner and Presentation of Awards

Professor Georgina Long AO FAHMS FAA, 2024 Australian of the Year, recognised for her ground-breaking research on targeted therapies for melanoma., 7 March, Strangers’ Room, Parliament House, Sydney,

Southern Highlands Branch Meeting 2025-2

Dr Craig Barker, Head, Public Engagement Chau Chak Wing Museum University of Sydney, “The Curator and the Cats: The Curious Story of Professor James Stewart and the Archaeology of Ancient Cyprus in Australia,” 20 March, RSL Mittagong, Carrington Room

Hunter Branch Meeting 2025-1

Dr Hannah Schunker, ARC Future Fellow School of Information and Physical Sciences, University of Newcastle, “Our Magnetic Sun,” 20 March, NEX, Newcastle Exhibition and Convention Centre, 309 King Street, Newcastle West, <https://youtu.be/8StOJlxxh-M>

Frontiers of Science Forum 2025

Associate Professor Benjamin Pope, Macquarie University; Emeritus Professor Liz Harry, University of Technology Sydney; Associate Professor Helen Georgiou, University of Wollongong; Dr Vipul Agarwal, UNSW Sydney, “Exploring major discoveries and theories in physics, mathematics, biology, and chemistry,” (A joint presentation of the Australian Institute of Physics, the Teachers’ Guild of NSW, the Royal Australian Chemical Institute, and the Royal Society of NSW.), 28 March, Concord Golf Club, 190 Majors Bay Road, Concord

1330th OGM and Open Lecture

Professor Hugh Durrant-Whyte FRS FEng FAA FIEEE HonFIEAust, NSW Chief Scientist and Engineer, “Engineering the Future,” 2 April, Michael Crouch Room, Mitchell Building, State Library of NSW, https://youtu.be/unJX_esfwel

Lunchtime series: Provocations and Inspirations (April 2025)

Professor Chris Turney FRSN FRSA FRMetS, Pro Vice-Chancellor (Research) University of Technology Sydney, “Extreme Earth: Antarctica’s climate warning for the future and what we can all do about it,” 15 April, Union University and Schools Club, 25 Bent Street, <https://youtu.be/B9TiuOam-zs>

Western NSW Branch Meeting 2025-1

Distinguished Professor Chris Blanchard, Professor of Food Science, Gulbali Institute, Charles Sturt University, “Is my food killing me?” 16 April, Live streaming, https://youtu.be/ryP_wHzdcGY

Southern Highlands Branch Meeting 2025-3

Associate Professor Mark Cowley, Deputy Director, Enabling Platforms and Collaboration Children’s Cancer Institute, “Using Precision Medicine to Eradicate Childhood Cancer,” 17 April, RSL Mittagong, Carrington Room

1331st OGM and Open Lecture

Scientia Professor Jane McAdam AO FASSA FAAL, Kaldor Centre for International Refugee Law, Faculty of Law & Justice, UNSW Sydney, “Rethinking Mobility in a Changing Climate,” 7 May, Live streaming, <https://youtu.be/oyBMbtQdBHM>

Hunter Branch Meeting 2025-2

Professor Thomas Nann, Founder and Chief Executive Officer, Allegro Energy, Newcastle, “From Test Tubes to Terawatts: How Research Sparked a Battery Business,” 15 May, NEX, Newcastle Exhibition and Convention Centre, 309 King Street, Newcastle West, <https://youtu.be/s3MGBNzXO-M>

Southern Highlands Branch Meeting: 2025-4

Professor Geraint Lewis FRSN FLSW Sydney Institute of Astronomy, School of Physics, University of Sydney, “Rare or Everywhere — Life in a Hostile Universe,” 15 May, RSL Mittagong, Carrington Room

RSNSW Visits Program 2025-1

The University of Sydney: Chau Chak Wing Museum and Fisher Library, 2 June, The Chau Chak Wing Museum, University Place, and Fisher Library, Eastern Avenue, University of Sydney (Camperdown campus)

1332nd OGM and Open Lecture

Professor Michael Blumenstein FRSN FACS (Pro Vice-Chancellor, Business Creation and Major Facilities) and Professor Nicholas Davis (Director, Strategy and Operations, Human Technology Institute) University of Technology Sydney, “AI: the Good, the Bad, and the Ugly,” 4 June, Michael Crouch Room, Mitchell Building, State Library of NSW, Shakespeare Place, Sydney, <https://youtu.be/CowilVO2W2o>

ATSE Sydney Event: June 2025

(Jointly with the Australian Academy of Technological Sciences & Engineering), Fiona Simson FTSE Vice-President, World Farmers’ Organisation Chair, Food Systems CRC, Practising Farmer, “Feeding the world, the smart way,” 11 June, Union University and Schools Club, 25 Bent Street, Sydney

Joint AIP, RACI, RSNSW, and ANSTO Event: June 2025

(Jointly with the Australian Institute of Physics, the Royal Australian Chemical Institute, and the Australian Nuclear Science and Technology Organisation) Professor Richard Garrett, SUPL Chief Scientist and ANSTO Honorary Fellow and Assoc. Prof. Tony Hooker, Centre for Radiation Research, Education, and Innovation University of Adelaide, “Journey to the Centre of the Earth: Unlocking Mysteries of the Universe,” 17 June, Hybrid event: ANSTO Discovery Centre, New Illawarra Road, Lucas Heights

Southern Highlands Branch Meeting: 2025-5

Dr Hugh Mackay AO FRSN FAPS Social Psychologist and Researcher, “The Way We Are,” 19 June, RSL Mittagong, Carrington Room

Lunchtime series: Provocations and Inspirations (June 2025)

Dr Cathy Foley AO PSM DistFRSN FTSE FAA, Chief Scientist of Australia (2021–2024), “The Productivity Challenge: the role of innovations and R&D in Australian business,” 23 June, Union University and Schools Club, 25 Bent Street, Sydney, <https://youtu.be/oTmVIzV5nvo>

Western NSW Branch Meeting 2025-2

Distinguished Professor Jing Sun, Professor of Biostatistics, Rural Health Research Institute, Charles Sturt University, “Hidden causes of rising disability and death in the working population,” 25 June, Live streaming, <https://youtu.be/gVemR4HDzq4>

Ideas@theHouse: June 2025

Professor Jason Sharples FRSN FTSE Professor of Bushfire Dynamics and Foundation Director, UNSW Bushfire UNSW Canberra, “Extreme wildfires in a warming world: insights and challenges,” 26 June, Government House, Sydney, <https://youtu.be/QQPborwZNGM>

RSNSW Poggendorff Lecture 2025

Professor Alex McBratney AM FAA Professor of Digital Agriculture and Soil Science and ARC Laureate Fellow, School of Life and Environmental Sciences and Sydney Institute of Agriculture, University of Sydney, “Agriculture over the Horizon,” 2 July, University of Sydney, RD Watt Building, <https://youtu.be/9Hr5bufF5M>

Joint Royal Australian Historical Society-RSNSW Event: July 2025

Dr Anne Coote, “Not just a gentleman’s club: The origins and significance of the Royal Society of NSW,” 16 July, History House, 133 Macquarie Street, Sydney

Southern Highlands Branch Meeting: 2025-6

Dr Michael de Percy FRSA FCILT MRSN Canberra Press Gallery Correspondent, *The Spectator Australia* and Editor-in-Chief, *Journal of Telecommunications and the Digital Economy*, “Stray Dogs and Gross National Happiness: Bhutan’s Modernisation Challenge,” 17 July, RSL Mittagong, Carrington Room

133rd OGM and Open Lecture

Associate Professor Ian Wright, Discipline of Environmental Science, School of Science, Western Sydney University, “PFAS in New South Wales: Is it under control?” 6 August, Michael Crouch Room, Mitchell Building, State Library of NSW, <https://youtu.be/oEhWrEmUyic>

Lunchtime series: Provocations and Inspirations (August 2025)

Ross Gittins AM FRSN FASSA Economics Editor, *The Sydney Morning Herald*, “Solving Australia’s Productivity Crisis,” 19 August, Union University and Schools Club, 25 Bent Street, Sydney, <https://youtu.be/J5aOm9ldRXo>

Western NSW Branch Meeting 2025-3

Distinguished Professor Geoff Gurr FRSN, Professor in Applied Ecology, Gulbali Institute, Charles Sturt University, “Nature-based solutions for future farming,” 20 August, Live streaming, <https://youtu.be/m7XEDoFEM4k>

Southern Highlands Branch Meeting: 2025-7

Professor Andrew Dempster, Director, Australian Centre for Space Engineering Research, School of Electrical Engineering and Telecommunications, UNSW Sydney, “Mining Water on the Moon,” 21 August, RSL Mittagong, Carrington Room

Hunter Branch Meeting 2025-3

Laureate Professor Jennifer Gore AM FASSA, School of Education, University of Newcastle, “An elegant solution to enduring problems in education,” 21 August, NEX, Newcastle Exhibition and Convention Centre, 309 King Street, Newcastle West, <https://youtu.be/lkNnWHLCDVM>

Ideas@theHouse: August 2025

Professor Bamini Gopinath, Cochlear Chair in Hearing and Health, Macquarie University Hearing, Faculty of Medicine, Health and Human Sciences, Macquarie University, “Busting Myths, Bridging Gaps: Public Health Approaches to Hearing Loss in Adults,” 28 August, Government House, Sydney, <https://youtu.be/Nj-lJfgkLIY>

RSNSW Visits Program 2025-2

Australian Botanic Garden Mount Annan, 1 September, Australian Botanic Garden Mount Annan, 362 Narellan Road, Mount Annan

1334th OGM and Open Lecture

Emeritus Professor Peter Wells FRSN UTS Business School, University of Technology Sydney, “Bringing Financial Reporting into the 21st Century,” 3 September, Live streaming, <https://youtu.be/7zIreVvM3Zo>

Southern Highlands Branch Meeting: 2025-8

Professor Fred Watson AM, Honorary Professor, School of Mathematical and Physical Sciences Macquarie University, “Tomorrow’s Universe — the discoveries that will change science,” 18 September, RSL Mittagong, Carrington Room

**Australian Academy of Technological Sciences & Engineering Chaikin Oratorion
2025**

Dr Sue Keay FTSE, Director, UNSW AI Institute, UNSW Sydney, “AI in Australia: Meeting the moment or seeing it pass by,” 25 September, Union, University & Schools Club Sydney (UUSC), 25 Bent St, Sydney

1335th OGM and Open Lecture

The Honourable Bill Shorten (Vice-Chancellor and President, University of Canberra) in conversation with Professor Merlin Crossley AM FRSN (Deputy Vice-Chancellor, Academic Quality, UNSW Sydney), “Have universities become too political?” 1 October, Michael Crouch Room, Mitchell Building, State Library of NSW, Shakespeare Place, Sydney, <https://youtu.be/iwmNvDlTeJs>

Southern Highlands Meeting: 2025-9

[Postponed] “PFAS in NSW — Is it under control?” The Southern Highlands Branch regrets to announce the postponement of the lecture until 2026.

Lunchtime series: Provocations and Inspirations (October 2025)

Professor Anthony Burke FRAIA, Professor of Architecture, University of Technology Sydney, “After the Crisis: a new Australian Dream,” 21 October, Union University and Schools Club, 25 Bent Street

New England North West Branch Meeting: 2025-1

Dr Kyle Mulrooney, Co-Director, Centre for Rural Criminology, University of New England, Panellists: Sam Coupland, Mayor, Armidale Regional Council, Samantha Guilbert, Youth on Track PCYC Armidale representative, “Building resilient futures: Understanding rural youth through the lens of place, risk, and prevention,” 29 October, NOVA, 122 Faulkner Street, Armidale, <https://youtu.be/PgyVSDLNtwM>

Hunter Branch Meeting 2025-4

RSNSW-Hunter Medical Research Institute Male Infertility Public Forum, Dr John Schjenken (University of Newcastle, HMRI), Dr Elizabeth Torres-Arce (University of Newcastle, HMRI), Dr Nathan Burke (University of Newcastle), Dr Aleona Swegen (University of Newcastle, HMRI), Professor John Aitken (University of Newcastle, HMRI), Dr Andrew Hedges (IVF Australia), Nick Allen-Ducat (Hit 106.9 Newcastle), “Male Infertility Public Forum,” 30 October, NEX, Newcastle Exhibition and Convention Centre, 309 King Street, Newcastle West, https://youtu.be/sy_xTrvRO7c

Western NSW Branch Meeting 2025-4 (a joint presentation of Charles Sturt University and the Western NSW Branch of the Royal Society of NSW)

Professor Jane Quinn FRSN Professor in Veterinary Physiology, Gulbali Institute, Charles Sturt University, “Optimising yield, growth, and use of the ‘5th quarter’ for Australian agricultural food access and market security,” 5 November, CSU Riverina Playhouse, Wagga Wagga, <https://youtu.be/SgdwAFo8-Io>

RSNSW and Learned Academies Forum 2025

“AI: The Hope and the Hype,” 6 November, Government House, Sydney, <https://www.youtube.com/playlist?list=PLYFFwCGj2F1bTwehefdklMuzxrHTeGD92>

1336th OGM and Open Lecture

Professor Katherine Boydell FASSA Professor of Mental Health and Director, Arts-based Knowledge Translation Lab Black Dog Institute, “Arts-based Community Interventions for Youth Mental Health,” 12 November, Live presentation, <https://youtu.be/DaVuFozyCKc>

Southern Highlands Branch Meeting: 2025-10

Dr Jessica Milner Davis FRSN Honorary Research Associate, University of Sydney, “Laughing at other people’s pain: Why do we do it, and is it ethical?” 20 November, RSL Mittagong, Carrington Room

1337th OGM and Open Lecture

Dr Donald Hector AM FRSN Principal, Grassick SSG Pty Ltd, “A Future Made in Australia,” 3 December, Michael Crouch Room, Mitchell Building, State Library of NSW

Hunter Branch Meeting 2025-5

Adjunct Professor Warwick Giblin FRSN FEIANZ Principal, ESE Justice, “Renewable Energy 101: What is being delivered in NSW’s first renewable energy zone?” 4 December, NEX, Newcastle Exhibition and Convention Centre, 309 King Street, Newcastle West



Note on Gazetting

The Government Gazette of the State of New South Wales is managed by the New South Wales Parliamentary Counsel's Office and has published Government notices, regulations, forms and orders since 1832. It went on line in 2001 and since 2014 is only to be found at <https://legislation.nsw.gov.au/gazette>.



Government Gazette

of the State of
New South Wales
Number 20 - Other
Friday, 17 January 2025

On the initiative of RSNSW Fellow Robert Whittaker AM FRSN, the Society approached His Excellency the Governor to formally gazette fellows of the Society. All current fellows were included in the first gazetting in 2018, and subsequently at the beginning of each year fellows elected in the previous year will appear in the Gazette.

As the Gazette of Friday 17 January 2025 says:

“Her Excellency the Honourable Margaret Beazley AC KC, Governor of New South Wales, as Patron of The Royal Society of New South Wales and in furtherance of the aims of the Society in encouraging and rewarding the study and practice of Science, Art, Literature and Philosophy, is pleased to advise and acknowledge the election of the following as Fellows of the Society in 2024.”

Fellows

Proven leaders and experts in their field, entitled to use the post nominal FRSN. Please note Professorial titles — including adjuncts, conjoint, and professors of practice — have been used where applicable. Details as to their field of expertise, their resident university (or universities) or institution may be ascertained from the Royal Society of New South Wales.

ARMSTRONG, Professor Christopher Alan PSM
FRSN

BAKER, Professor Andrew FRSN

BENNETT MOSES, Professor Lyria Kay FRSN

BENSON, Professor Iain Tyrrell FRSN

BLUMENSTEIN, Professor Michael FRSN

BROWN, Professor Trevor Colin FRSN

CHOW, Professor Eric Pui Fung FRSN

CURROW, Professor David Christopher FRSN

JOURNAL & PROCEEDINGS OF THE ROYAL SOCIETY OF NEW SOUTH WALES
Proceedings — Awards, Meetings, Gazetted Fellows

DAVISON, Professor Alan FRSN	MAHER, Professor Christopher Gerard AM FRSN
EVANS, Mr Ralph John Lancaster AO FRSN	MCGILLICK, Dr Paul Emerson FRSN
GIBLIN, Mr Warwick Bruce FRSN	MORTON, Professor Susan Mary Bennett MNZM FRSN
GRAY, Professor Peter Philip AO FRSN	ROBERTS, Professor Timothy Kilgour AM FRSN
HASKINS, Professor Victoria Katharine FRSN	ROSAMOND, Professor Frances A. FRSN
HUANG, Professor Xufeng Feng FRSN	SCHMALZ, Professor Gerd FRSN
HUPPERT, Dr Julian Leon FRSN	SHARMA, Professor Ashish FRSN
JAGADISH, Professor Chennupati AC FRSN	THOM, Professor Bruce Graham AM FRSN
JONES, Dr Sarah FRSN	TURNEY, Professor Christian Stewart MacGregor FRSN
KETHEESAN, Professor Narkunam FRSN	WAND, Professor Matt FRSN
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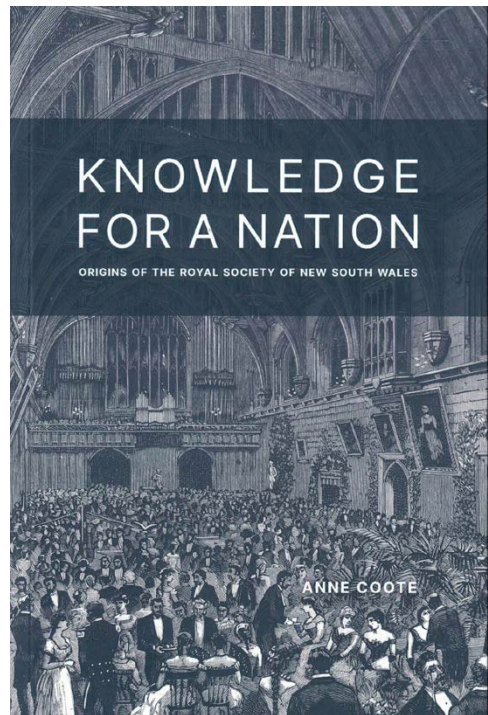
Knowledge for a Nation: Origins of the Royal Society of New South Wales

Anne Coote
Royal Society of New South Wales
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When Archibald Liversidge first arrived at the University of Sydney in 1872 as Reader in Geology and Assistant in the Laboratory, he had about ten students and two rooms in the main building. In 1874, he became Professor of Geology and Mineralogy and by 1879 he had persuaded the University Senate to open a Faculty of Science. He became its first Dean in 1882.

In 1880, he visited Europe as a trustee of the Australian Museum and his report helped to establish the Industrial, Technological and Sanitary Museum which formed the basis of the present Powerhouse Museum's collection. Liversidge also played a major role in establishing the *Australasian Association for the Advancement of Science* which held its first congress in 1888.

This book is essential reading for those interested in the development of science in colonial Australia, particularly the fields of crystallography, mineral chemistry, chemical geology and strategic minerals policy.



The book is available from the RSNSW online Shop at \$50 for RSNSW members, or John Reed Books (\$59.95).

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