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Joint awardees of the PM's Prize for Science (left to right): Emeritus Professor David Blair FAA, Professor David McClelland FAA, Professor Susan Scott FAA and Professor Peter Veitch; (far right) PM's Prize for Innovation awardee Professor Thomas Maschmeyer FAA FTSE. Photos: supplied

Message from the President—October 2020

October 23, 2020



The Prime Minister's Prizes for Science are the pinnacle of science recognition in Australia, honouring lifetime achievements of scientists, innovators and teachers. The Academy is proud to see Fellows Emeritus Professor David Blair, Professor

Susan Scott and Professor David McClelland, with their colleague Professor Peter Veitch, jointly awarded the Prime Minister's Prize for Science, and Fellow Professor Thomas Maschmeyer awarded the Prime Minister's Prize for Innovation. Congratulations to all the recipients of the Prime Minister's Prizes for Science.

We are also proud to see that Professor Edward Holmes, Professor Suzanne O'Reilly and Professor Ian Wright have been recognised in the NSW Premier's Prizes for Science and Engineering, and that Professor Mark Randolph has been inducted into the WA Science Hall of Fame.

The Academy has welcomed the 2020–21 Federal Budget measures that will provide much needed assistance to Australia's scientists as they face the unique challenges brought on by the pandemic. An injection of funding will support research at Australia's universities and government science agencies, and the strategic decision to fund STEM education programs such as those delivered by the Academy is a prudent investment in the future workforce. COVID-19 has highlighted the critical need for policies to be informed by multidisciplinary science, which can only be achieved with a robust research workforce and infrastructure.

Global challenges in the context of COVID-19 were also the focus of the G20 Science 20 (S20) summit hosted recently by Saudi Arabia. Three Academy Fellows contributed to S20 recommendations presented to G20 leaders and policymakers. Such international involvement by the world's leading science academies and others in the science community is vital to global progress and sustainability.

Closer to home, but with global implications, the Academy is calling for the establishment of an independent agency to manage Australia's

biodiversity data. Scientific evidence backed by reliable data must support all decisions made under the Environment Protection and Biodiversity Conservation Act. It's estimated that more than two-thirds of Australian species are still to be described. Improving data management now will also prove vital to recording and understanding new species, resulting in environmental, social and economic benefits for all Australians.

Thank you for taking the time to keep abreast of our news, and I hope you enjoy reading this month's newsletter.

John Shine

Australian researchers' achievements recognised with Prime Minister's Prizes

October 28, 2020



Joint awardees of the PM's Prize for Science (left to right): Emeritus Professor David Blair FAA, Professor David McClelland FAA, Professor Susan Scott FAA and Professor Peter Veitch; (far right) PM's Prize for Innovation awardee Professor Thomas Maschmeyer FAA FTSE. Photos: supplied

Academy Fellows Emeritus Professor David Blair, Professor David McClelland and Professor Susan Scott, with their colleague Professor Peter Veitch, have been jointly awarded the Prime Minister's Prize for Science for their significant contribution to the first direct detection of gravitational waves, while Academy Fellow Professor Thomas Maschmeyer has been awarded the Prime Minister's Prize for Innovation.

The Prime Minister's Prizes for Science were presented by the Prime Minister Scott Morrison and the Minister for Industry, Science and

Technology Karen Andrews during an **online public event**¹.

Traditionally, the Academy acknowledges prize recipients the morning after the awards with a breakfast at the Shine Dome, but this year it is **celebrating online**² to recognise the leading researchers, innovators and teachers.



Watch on Vimeo: Prime Minister's Prize for Science³

Academy Fellows have featured each year since the prizes' inception in 2000.

All four recipients of the Prime Minister's Prize for Science are Chief Investigators at the **ARC Centre Of Excellence For Gravitational Wave Discovery (OzGrav)**⁴.

Gravitational wave detectors allow scientists to detect and understand parts of the universe that are invisible to all other methods of detection.

OzGrav's work ensured the stability of high-power laser beams and the optical perfection of mirrors in the detectors, and provided the theoretical underpinnings to the model for black hole collisions that enabled the detected signal to be definitively identified.

Academy Fellow Professor Thomas Maschmeyer received the Prime Minister's Prize for Innovation for his work in developing a process for recycling mixed plastics and a new energy storage platform.

His catalytic thermal reactor efficiently converts mixed plastics into smaller hydrocarbon components that can be used to produce sustainable chemicals or as a sustainable fuel, while his 'Gelion' energy storage platform uses safe, low-cost zinc-bromide battery technology to store renewable energy, reducing our reliance on lithium-ion and lead-acid batteries.

1 industry.gov.au/pmscienceprizes

2 science.org.au/news-and-events/events/celebrating-science-prime-ministers-prizes-science

3 vimeo.com/468865063

4 ozgrav.org

Federal Budget a significant response to the pandemic science crisis

October 06, 2020

The Australian Academy of Science says the 2020–21 Federal Budget is a significant response to the crisis facing Australia's scientists as a result of the pandemic.

The additional \$1 billion injection of funding in 2021 to support research at Australia's universities hit badly by the pandemic is welcomed by the Academy.

An increase in 505 jobs in a cross section of government science agencies will also assist in research recovery.

The Academy applauds the strategic decision to back proven STEM school education programs by injecting \$27.3 million over five years as an investment in the future workforce.

This includes \$9.6 million over five years to support programs delivered by the Australian Academy of Science.

The Academy also welcomes:

- \$10 million to extend the Women in STEM and Entrepreneurship Program (WISE) and the extension of the term of the Women in STEM Ambassador, both of which will assist in the continuation of the implementation of the Academy's Women in STEM Decadal Plan.
- Recognition of the impact of the pandemic on Australia's national science agencies, in particular CSIRO, BOM and ANSTO, with \$965.6 million in additional funding over four years.
- Continued delivery of the 2020 Research Infrastructure Investment Plan with \$36.3 million to upgrade the Sea Simulator at AIMS; \$8.3 million for new synthetic biology infrastructure; and \$7.6 million to upgrade the Australian Community Climate and Earth System Simulator (ACCESS) as recommended by the Academy's Climate Science Capability Review in 2017.

- \$1.5 billion for the manufacturing strategy announced by the Prime Minister last Thursday focused on bringing business research collaboration at scale.
- \$41.6 million for a Strategic University Reform Fund.
- A further \$36.6 million provided over two years from 2020-21 to maintain the timeliness of environmental assessments and undertake further reforms under the Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act).

Additional refinements to the R&D tax incentive are positive, however, given that non-mining investment will fall by over 14.5% in 2021, more is needed to transform Australia's business investment in R&D.

President of the Australian Academy of Science, Professor John Shine, says that the Government has made significant strides in addressing the impacts of the pandemic on Australian scientists.

"Australia has been able to respond well to the pandemic because of the decades of substantial investment in science and research capability. Researchers in a wide range of disciplines including those outside of medical research are critically involved in the pandemic response," Professor Shine says.

"In the coming years more work will need to be done to fix Australia's fragmented research funding system. The funding injection for university research will retain capability in 2021 and goes some of the way to cushioning the blow to the research sector as a result of the pandemic.

"The Academy calls upon the government to engage all stakeholders to develop a comprehensive roadmap for Australian science and research funding to place it on a sustainable footing over the long term."

Fellows awarded NSW Premier's Prizes

October 27, 2020



(from left) Academy Fellows Professor Edward Holmes, Professor Suzanne O'Reilly and Professor Ian Wright have been honoured with NSW Premier's Prizes.

Three Academy Fellows have taken out NSW Premier's Prizes with virologist Professor Edward Holmes named the 2020 NSW Scientist of the Year.

Professor Suzanne O'Reilly received the Prize for Excellence in Mathematics, Earth Sciences, Chemistry or Physics, while Professor Ian Wright received the Prize for Excellence in Biological Sciences.

Professor Holmes, who will receive a prize of \$60,000, was honoured for his research on the emergence, evolution and spread of viruses. His particular focus is on how viruses can jump species boundaries, with the potential to cause disease epidemics and pandemics.

Professor Holmes was involved in key research that showed that SARS-CoV-2 was the causative agent of COVID-19. In January this year he was the first person to publicly release the genome sequence of the virus, enabling the rapid development of diagnostic tests.

He followed this with fundamental research into the animal origins of SARS-CoV-2, helping to demonstrate the presence of related viruses in bats and pangolins, and showing that coronaviruses have an ability to jump species boundaries and emerge in new hosts.

"It's a tremendous honour to receive this award, which is built on the hard work of my team and collaborators over many years," Professor Holmes said.

"I'm so thankful and proud to be living in a state and country in which the science has been listened to and used to help build such an effective response to COVID-19."

Professor Holmes explained the origins of COVID-19 in an in-depth interview with the Australian Academy of Science in April.

"I was not at all surprised this happened. We'd been predicting it for a long time," said Professor Holmes in the interview.

The NSW Premier's Prizes for Science & Engineering is an annual event held by the NSW Government to celebrate the achievements of the state's finest scientists, engineers and educators.



Watch on YouTube: [The Latest From Science Episode 3⁵](#)

Leading academies say science is more important than ever in solving global challenges

October 14, 2020

The world's leading science academies have expressed deep concern about global challenges in the context of the COVID-19 pandemic and have made recommendations to G20 leaders on how to find solutions.

The S20, the national academies of science of G20 nations, supports the G20 by connecting it to the international scientific community. Comprising the national academies of the world's most prosperous nations, it presents policymakers with consensus-based recommendations for the chosen topics of interest in each year.

⁵ youtu.be/fp0Z35x9_nk

Recommendations

The S20 recently produced a statement outlining emerging critical challenges in health, the environment and technology, highlighted by the very real occurrence of the globally disruptive coronavirus pandemic. The recommendations in the S20 statement covered topics including pandemics, the emerging digital divide, circular economy systems, and renewables aimed at net zero carbon emissions.

Academy Fellows Professor Veena Sahajwalla, Professor Rod Tucker and Professor Bob Williamson were members of taskforces put together by this year's S20 host country, Saudi Arabia. The taskforces provided input to the S20 statement which was presented to G20 leaders for consideration.



Pandemics and the emerging digital divide were two of the topics covered in recommendations to G20 nations by the world's leading science academies. Image: Image by Gerd Altmann from Pixabay

Global research community

According to Academy President Professor John Shine, the challenge of COVID-19 has shown how effectively the world's research community can respond to a crisis.

"The efforts to find a vaccine and other treatments have been a collective global effort, and it is vital that S20 academies and the global research community continue to work together as they are during the pandemic.

"Academies should support inclusive education and literacy programs for all to ensure digital education opportunities, especially for girls and women, minority groups and disadvantaged communities.

"They should also influence G20 countries to reduce fossil fuel use, to find alternative sources of energy, and to aim for net zero carbon emissions."

Previous S20 meetings have been hosted by Germany (2017), Argentina (2018) and Japan

(2019). In 2021, for the first time, Italy will host the S20 meeting and G20 Summit.

Read the S20 statement presented to G20 leaders⁶



Watch on YouTube: [What is a circular economy?](#)

Academy Fellows say it's time to establish an independent biodiversity agency

October 14, 2020

With Australia failing to halt species decline and our biodiversity management systems broken, now is the time to establish a new independent agency to manage our nation's biodiversity data, according to Australia's leading scientists.

The recommendation by the Australian Academy of Science is part of a brief that has been sent to all Australian MPs and senators ahead of debate, expected in the Senate in November, on the Australian Government's Environment Protection and Biodiversity Conservation Amendment (Streamlining Environmental Approvals) Bill 2020.

The government is arguing that the legislation forms part of phase one of Professor Graeme Samuel's proposal for reform, with the amendments described as the first tranche of reforms associated with the legislative review of the EPBC Act.

Australian Academy of Science Fellow, Professor Craig Moritz, said the Academy welcomes the interim findings of the Samuel review.

⁶ science.org.au/files/userfiles/support/documents/s20-saudi-arabia-statement-2020.pdf

“The Academy holds that all the recommended elements—National Environmental Standards, scientific evidence through high-quality data and analysis tools, and robust and independent assurance systems—are essential to ensure that devolved decision-making retains the confidence of the Australian people,” Professor Moritz said.

“The Samuels report is a comprehensive program for reform and should be pursued systematically and in full. In this context, parliamentary scrutiny to understand the implications of the Bill and the government’s plan for the implementation of the Samuel report is desirable.”

The brief by the Academy states that the governance, accessibility, evaluation and monitoring of Australia’s biodiversity information and data is broken.

“The Academy considers this is an unacceptable situation, one that is not tolerated in other domains such as weather information, biosecurity, health and welfare,” Professor Moritz said.

“The Academy is of the view that it is time to establish a new national biodiversity information system led by an independent agency.

“Such an agency would independently observe, analyse, forecast and warn on the state and trends of Australia’s biodiversity in the way that the Bureau of Meteorology (BOM) provides information on Australia’s weather and climate.

“It would need to have a legislative mandate, curate data, work with states and be empowered to enforce national environmental data standards.

“All decisions made under the EPBC Act require scientific evidence backed by reliable data. A transparent, accountable evidence base calls for data to be collected according to common requirements and standards, interpreted and reported, and for that information to be publicly available.

“There is currently no such multi-scale approach, nationally, to creating a data-focused evidence base for transparent and accountable EPBC decisions,” Professor Moritz said.

A key recommendation of Professor Samuel’s interim report is the establishment of a national

environmental data custodian, or a biodiversity information agency.

The three elements of reform proposed by the Academy are:

1. establishing a national environmental analysis body (a ‘Biodiversity BOM’)
2. implementing national data standards
3. developing nationally consistent transparency of evidence.

Read the Academy brief.⁷

Regional Collaborations Programme grants to support COVID-19 research projects in the Asia-Pacific

October 29, 2020



The cave-dwelling tree frog, *Litoria cavernicola*. Photo: David Clode, Unsplash.

Grants of up to \$10,000 are available to support digital collaborative research projects with Asia-Pacific regional partner economies for Australian early- and mid-career researchers.

The Regional Collaborations Programme grants will support projects that utilise digital methods of collaboration to address shared regional challenges that either directly or indirectly relate to the COVID-19 pandemic response and recovery in the Asia-Pacific region.

Over \$250,000 in funding is available for digital grants under the programme, with half being made available for early-career researchers (up to 10 years post PhD) and half for mid-career researchers (up to 15 years post PhD). Applications are invited from early-career and

⁷ science.org.au/supporting-science/science-policy-and-analysis/position-statements/environment-reform-must-include-biodiversity-bom

mid-career researchers in the following fields of research:

- agricultural, veterinary and food sciences
- biological sciences
- biomedical and clinical sciences
- built environment and design
- chemical sciences
- Earth sciences
- engineering
- environmental sciences
- health sciences
- Indigenous studies
- information and computing sciences
- mathematical sciences
- physical sciences
- psychology.

The projects are expected to commence after recipients are announced in early 2021 and must conclude by the end of January 2022.

This funding initiative is part of the Australian Government's **Global Innovation Strategy**⁸, under the **National Innovation and Science Agenda**⁹.

Find out more about the **Regional Collaborations Programme COVID-19 digital grants**¹⁰

Academy Fellows elected to the Australian Academy of Health and Medical Sciences

October 14, 2020

Three Academy Fellows have been elected to the fellowship of the **Australian Academy of Health and Medical Sciences**¹¹ (AAHMS) today.

They are part of a cohort of 28 top medical and health researchers elected by their peers in recognition of their outstanding contributions to the health and medical research landscape in Australia.



(from left) Academy Fellows Professor Carola Vinuesa, Professor Naomi Wray and Professor Susan Clark have been elected to the Australian Academy of Health and Medical Sciences.

Professor Carola Vinuesa FAA FAHMS—an experimental immunologist, Professor Vinuesa has been contributing to the COVID-19 effort by ensuring Australia has sufficient testing capacity. She led a team to optimise testing platforms using saliva testing and robotics to increase testing throughput. Prior to the pandemic, her work has been instrumental in understanding how the human immune system produces a long-lasting antibody response to disease. She is the Head of the Department of Immunology and Infectious Diseases at the John Curtin School of Medical Research at the Australian National University. **More about Professor Vinuesa**¹²

Professor Naomi Wray FAA FAHMS—working at the interface of statistics, genetics and neurological disorders, Professor Wray studies complex genetic disease. She has a particular focus on psychiatric disorders and describes her work as a ‘dialogue’ between the development of new methods to analyse data and using mathematical models to describe and interpret that newly available information. Her theoretical work on the prediction of rates on genetic inbreeding has led to changes worldwide in agricultural selection programs. She holds joint appointments at the Institute for Molecular Biology and the Queensland Brain Institute within the University of Queensland. **More about Professor Wray**¹³

Professor Susan Clark FAA FAHMS—a human cancer epigeneticist, Professor Clark is perhaps most known for her development of DNA methylation and histone modification sequencing technologies that help simplify epigenetic analysis. She has made extensive

⁸ publications.industry.gov.au/publications/globalinnovationstrategy/index.html

⁹ industry.gov.au/strategies-for-the-future/boosting-innovation-and-science

¹⁰ science.org.au/supporting-science/awards-and-opportunities/regional-collaborations-programme-covid-19-digital-grants

¹¹ aahms.org/news/2020-new-fellows

¹² science.org.au/profile/carola-vinuesa

¹³ science.org.au/profile/naomi-wray

discoveries relating to DNA-methylation patterns in normal and cancer genomes that have led to commercialisation of new tests for early cancer detection. She is credited with initiating profound questions on the importance of epigenetics in disease and is the inaugural Head of the Genomics and Epigenetics Theme at the Garvan Institute of Medical Research. **More about Professor Clark**¹⁴

AAHMS President and Academy of Science Fellow, Laureate Professor Ingrid Scheffer, has highlighted that “health and medical science has never been more in the spotlight.”

“The diverse talents and expertise of these Fellows reflects the incredible breadth and depth of Australia’s world class health and medical research. It is this solid base of expertise that has equipped the country to address the pandemic so successfully.”

The Australian Academy of Science and the Australian Academy of Health and Medical Sciences work closely on relevant issues and have co-led several **Rapid Research Information Forum**¹⁵ reports, providing responses to key questions about COVID-19 to politicians and policymakers.

Academy encourages nominations for Order of Australia

October 23, 2020



The Order of Australia recognises Australians for outstanding service or exceptional achievement.

Everyone who is recognised is nominated by someone in the community. This means we all have the ability to recognise someone for their hard work and service. It also means that it is up to all of us to

ensure our national awards system represents our diversity—across gender, cultural backgrounds and categories of endeavour. The Governor-General of Australia has written to the Australian Academy of Science and we are working with his Office to raise awareness of the Order of Australia and improve its diversity.

It only takes a few moments of your time to nominate someone exceptional. Nominations can be submitted at any time during the year.

Nominate someone¹⁶ to be recognised through the Order of Australia.

Find out about the Academy Fellows recognised in the 2020 **Australia Day honours**¹⁷ and Queen’s Birthday honours.

scienceXart success: stay tuned for the winners next month

October 27, 2020



This year, more than 850 individual school students from across Australia submitted nearly 1000 entries to the scienceXart photographic competition.

This success is due to those organisations that made this year’s theme of **spot the maths**¹⁸ a fun and engaging activity for school students from Foundation to Year 12. A special thanks goes to the competition sponsors, the **Australian Mathematical Society**¹⁹ and the **Statistical Society of Australia**²⁰, and to the **National Committee for Mathematical Sciences**²¹ for hosting the competition. scienceXart was also made possible by the Academy’s **reSolve**²² program.

14 science.org.au/profile/susan-clark

15 science.org.au/covid19/rapid-research-information-forum

16 gg.gov.au/australian-honours-and-awards/nominate-someone-award

17 science.org.au/news-and-events/news-and-media-releases/fellows-recognised-2020-australia-day-honours

18 science.org.au/sciencexart/spot-the-maths

19 austms.org.au

20 statsoc.org.au

21 science.org.au/supporting-science/national-committees-science/national-committee-mathematical-sciences

22 resolve.edu.au

We are currently shortlisting competition entries before the judging panel makes its final selection of winners and placegetters. Winners will be announced in November.

The 2020 competition marks the centennial anniversary of the International Mathematical Union with its mathematical and statistics theme.

Opportunities for scientists—October 2020

October 26, 2020

Academy opportunity

Regional Collaborations Programme COVID-19 Digital Grants

Grants of up to \$10,000 each are available for early-career and mid-career researchers to increase connectivity and engagement between Australian and Asia–Pacific economies in response to the COVID-19 pandemic.

Applications close 14 December 2020

More information on the Regional Collaborations Programme COVID-19 Digital Grants²³

External awards

Dan David Prize

Three prizes of one million US dollars each are granted annually in the fields chosen for the three-time dimensions. The prizes are granted to individuals or institutions with proven, exceptional, distinct excellence in the sciences, arts, humanities, public service, and business, that have made and continue to make an outstanding contribution to humanity on the basis of merit, without discrimination of gender, race, religion, nationality, or political affiliation.

Applications close 30 November 2020

More information on the Dan David Prize²⁴

2021 IUPAC distinguished women in chemistry or chemical engineering award

The award acknowledges and promotes the work of women in chemistry and chemical engineering worldwide. Awardees will be selected based on excellence in basic or applied research, distinguished accomplishments in teaching or education, or demonstrated leadership or managerial excellence in the chemical sciences. The Awards Committee is particularly interested in nominees with a history of leadership or community service during their careers.

Nominations close 1 December 2020

More information on the 2021 IUPAC distinguished women in chemistry or chemical engineering award²⁵

Gruber Prizes

These prizes honour individuals in the fields of cosmology, genetics and neuroscience, whose ground-breaking work provides new models that inspire and enable fundamental shifts in knowledge and culture—US\$500,000 for each category

Applications close 15 December 2020

More information on the Gruber Prizes²⁶

Mahathir Science Award

The award is made to an individual or group in recognition of contributions and innovations towards solving problems in the tropics through science, technology and innovation. The call for nominations is now open for the Tropical Agriculture and Tropical Architecture and Engineering categories—US\$100,000

Applications close 30 December 2020

More information on the Mahathir Science Award²⁷

See more external awards²⁸

²³ science.org.au/supporting-science/awards-and-opportunities/regional-collaborations-programme-covid-19-digital-grants

²⁴ dandavidprize.org/prize/prize-nominations

²⁵ iupac.org/2021-women-in-chemistry

²⁶ gruberyale.edu/prize-nominations

²⁷ msa-foundation.org

²⁸ science.org.au/supporting-science/recognition/external-sources-recognition

Fellows update— October 2020

October 29, 2020

Honours and awards to Fellows

Prime Minister's Prizes for Science

Emeritus Professor David Blair FAA, Professor Susan Scott FAA and Professor David McClelland FAA, with their colleague Professor Peter Veitch—jointly awarded the Prime Minister's Prize for Science

Professor Thomas Maschmeyer FAA FTSE—awarded the Prime Minister's Prize for Innovation

Find out more about the recipients²⁹, and watch the Academy's celebration event³⁰.

NSW Premier's Prizes for Science and Engineering

Professor Edward Holmes FAA FRS—2020 NSW Scientist of the Year

Professor Suzanne O'Reilly AM FAA—Prize for Excellence in Mathematics, Earth Sciences, Chemistry or Physics

Professor Ian Wright FAA—Prize for Excellence in Biological Sciences

Find out more about the recipients³¹

More honours

Professor Mark Randolph FAA FRS FTSE—inducted into the WA Science Hall of Fame

Education update

Academy education program Primary Connections is collaborating with DATTA Vic, Deakin University and Home Economics Victoria for a **professional learning webinar series**³². It will

take place over three sessions from 12 to 26 November, and aims to build capacity in primary teachers to deliver engaging STEM programs.

National Committees update

We've received nearly 1000 submission for the scienceXart: spot the maths photo competition—**find out more about the competition**³³.

The National Committee for Space and Radio Science is currently writing its latest strategic plan, **Australia's Future in Space**³⁴. In the coming months, keep an eye on our website or subscribe to the **Space and Radio Science Newsletter**³⁵ to be informed of coming opportunities to provide comments on the draft plan, attend consultation sessions to provide feedback on the recommendations, or submit photos for use in the final document.

Coming online events

NAIDOC Week 2020, 8–15 November

We have two fascinating online NAIDOC week events planned focusing on the science of a continuous culture. They are:

- Land, water and fire—5.30pm, Monday 9 November
- Sky and stars—5.30pm, Thursday 12 November

We'll be publishing the details very soon—keep an eye on our **events page**³⁶ or **subscribe to receive emails**³⁷ about our events.

The theme for **NAIDOC Week 2020**³⁸ is 'Always Was, Always Will Be.' We encourage everyone to find out more about NAIDOC Week and the activities in which you could be involved.

29 science.org.au/news-and-events/news-and-media-releases/australian-researchers-achievements-recognised-prime-ministers-prizes

30 science.org.au/news-and-events/events/celebrating-science-prime-ministers-prizes-science

31 science.org.au/news-and-events/news-and-media-releases/fellows-awarded-nsw-premiers-prizes-2020

32 datta.vic.edu.au/content/your-school-your-stem-webinar-series-pl2069

33 science.org.au/node/16917

34 science.org.au/supporting-science/national-committees-science/australias-future-in-space/consultation-0

35 science.org.au/supporting-science/national-committees-science/national-committee-space-and-radio-science/subscribe

36 science.org.au/news-and-events/events

37 science.org.au/subscribe-academy-newsletters

38 naidoc.org.au