



2021

COMPANIONS  
NGĀ TAKAHOA  
A TE APĀRANGI

△ ○ T E △ D ○ △

ROYAL  
SOCIETY  
TE APĀRANGI





**2021**

COMPANIONS

NGĀ TAKAHOA

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Our Companions

Ngā Takahoa a Te Apārangi

receive this honour for outstanding leadership  
or eminent contributions to promoting  
and advancing the humanities, science or  
technology in New Zealand.

The award of Companion of the Royal Society  
of New Zealand Te Apārangi (CRSNZ)  
was introduced in 1999 and there  
are now 58 Companions.

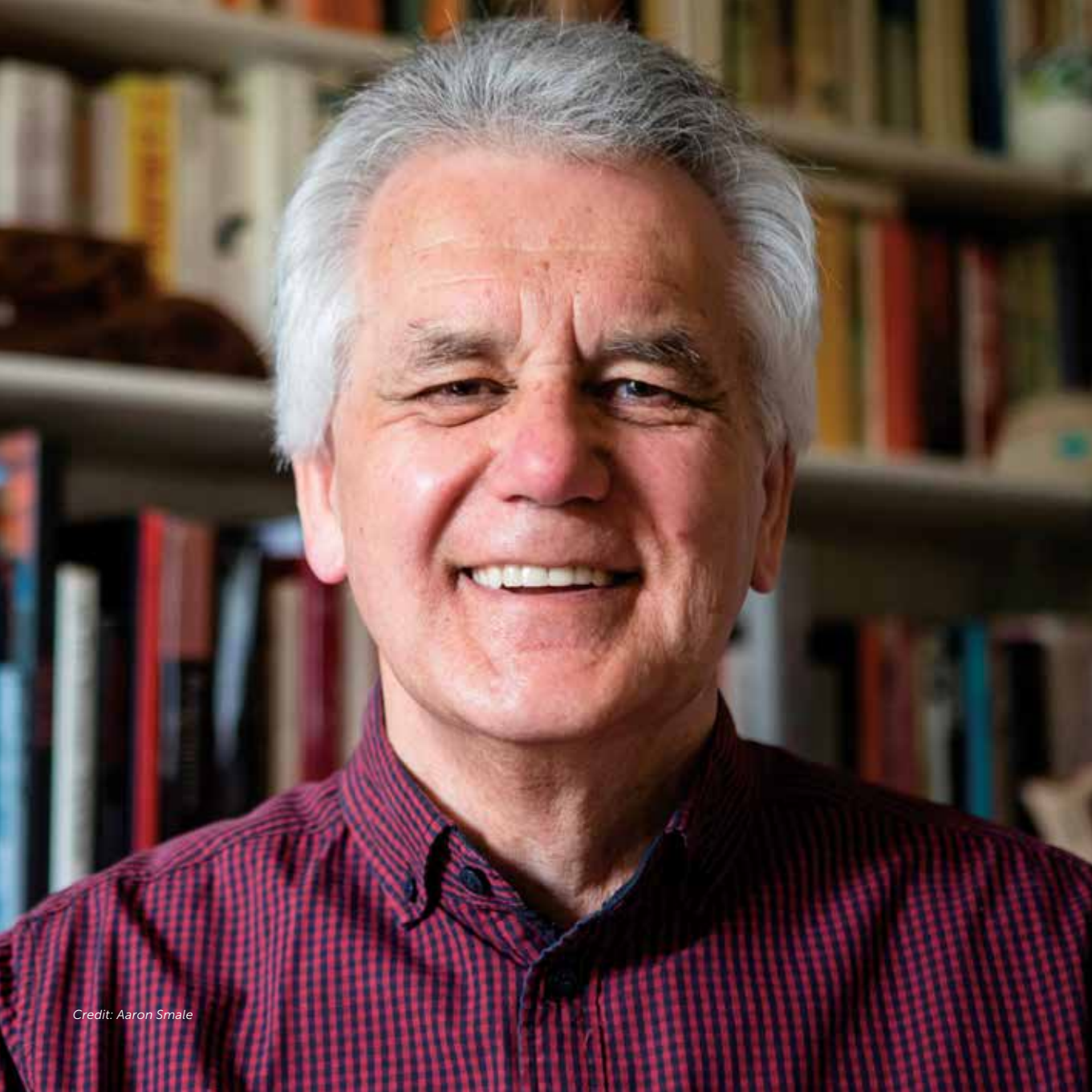




**Ko Atutahi te whetū tārake o te rangi**

Canopus bright star in the open sky





Credit: Aaron Smale

## DR MOANA JACKSON

Ngāti Kahungunu, Ngāti Porou, Rongomaiwahine

Dr Moana Jackson is among the most highly valued and respected lawyers in Aotearoa New Zealand. He is a specialist in Te Tiriti o Waitangi and constitutional issues, having been an architect of *He Whakaaro Here Whakaumu Mō Aotearoa: The Report of Matike Mai Aotearoa – the Independent Working Group on Constitutional Transformation*. He is the director of Ngā Kaiwhakamarama i Ngā Ture the Māori Legal Service which he co-founded in 1987, and is a lecturer and author.

In 1988, Moana's ground-breaking report *He Whaipanga Hou* was published for the then Justice Department, and continues to be a major influence on attempts to decolonise the criminal justice system in Aotearoa. He was, most significantly, the first to argue that Māori should have the opportunity for an alternative justice system and that the Māori experience must be seen on Māori terms, not forced onto preconceived notions of pākehā methodologies. He has been a forerunner in this field and has worked extensively overseas on international indigenous issues, particularly the drafting of the *United Nations Declaration on the Rights of Indigenous Peoples* and as Chairperson of the Indigenous Peoples' Caucus at the United Nations.

Moana was a judge on the International Tribunal of Indigenous Rights in Hawaii in 1993, and again in Canada in 1995. He has acted as counsel for the Bougainville Interim Government during the Bougainville peace process, during which time he is quoted as saying

“Those who take power unjustly defend it with injustice.”

Since 2011, he has co-chaired the Independent Iwi Working Group on Constitutional Transformation with Professor Margaret Mutu FRSNZ. It has held over 300 hui around the country discussing the need for Tiriti-based constitutional change.

In 2017, Moana was awarded an honorary doctorate from Te Herenga Waka – Victoria University of Wellington for his outstanding contribution to legal scholarship around Te Tiriti o Waitangi; and to public debates about how Māori are treated by the justice system, and their place in New Zealand society more broadly.

In May this year, he was presented with the inaugural Te Whare Pūkenga Award for national contributions to whānau, hapū and iwi by the National Iwi Chairs Forum.



“Perhaps Moana’s most important quality, aside from his formidable intellect and his extraordinary ability to communicate complex ideas with absolute clarity, is his humanity. He exemplifies compassion and humility in both word and action and, in so doing, he quietly commands the respect of all who come into contact with him... His rare talent for helping people to see issues in a new way has enabled him to make an unparalleled contribution to the vision of a just future for Aotearoa.”

**ANI MIKAERE**

Ngāti Raukawa, Ngāti Porou  
Pou Whakatupu Mātauranga  
Te Wānanga o Raukawa

Kaitautoko nomination sponsor



“No one’s exercise of free speech should make another feel less free.”

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DR MOANA JACKSON





## PROFESSOR JAMES RENWICK

Professor James Renwick is a leading researcher in atmospheric science and climate dynamics and is highly regarded through his leadership and commitment to outreach and communication. He was the recipient of the 2018 Prime Minister's Science Communication Prize, and was an integral member of the 'Melting Ice & Rising Seas Team', that won the 2019 Prime Minister's Science Prize.

James is currently Head of School of Geography, Environment and Earth Sciences at Te Herenga Waka – Victoria University of Wellington. He is an authority on large-scale climate variability and climate change, focusing on the Southern Hemisphere and an advocate for evidence-based decision making.

His research career spans 40 years, based around a general background in atmospheric physics, plus mathematics and statistics and his broad interest in most aspects of climate, from the distant past to the near future. His research has included paleoclimate reconstruction, synoptic climatology, the climate of New Zealand, climate modelling, climate change, and the use of statistical and matrix techniques to analyse large data sets. He trained as a weather forecaster at the MetService in Wellington and spent 20 years at NIWA, the National Institute of Water and Atmospheric Research, where he reached the level of Principal Scientist.

He was selected as lead author on two successive Assessment Reports (2007, 2013) from the Intergovernmental Panel on Climate Change (IPCC), and as co-ordinating lead author on the current 6th Assessment Report, which reflects the high regard for his leadership and work internationally. He served as the sole New Zealand representative on the Joint Scientific Committee of the World Climate Research Programme (WCRP). The WCRP is the highest-level body overseeing climate research globally and provides much of the scientific underpinning for the IPCC.

James is renowned for his dedication to advancing public understanding and awareness of the threat of climate change, and to ensuring the science is accessible to policymakers. Among his appointments, he has been President of both the Meteorological Society of New Zealand and the New Zealand Association of Scientists. He chaired the Royal Society Te Apārangi Climate Expert Panel and he is Co-Chair of the WCRP Climate and Cryosphere (CliC) Core Project, climate advisor to the CEO of MetService, and is a member of the Ministry for the Environment advisory panel on atmosphere and climate monitoring. He was recently appointed as Commissioner to the New Zealand Climate Change Commission to provide advice to Government on the national response to climate change.




“Through his strong involvement in and passion for science communication, James Renwick has played a major role in raising public understanding of climate variations and awareness of the threat of climate change. His ability to communicate complex science in a straightforward manner across a variety of media platforms and through both formal and informal channels is remarkable. There are few others active in communicating science in New Zealand who have had such a broad impact on such an important issue.”

**ASSOCIATE PROFESSOR REBECCA PRIESTLEY CRSNZ**

Centre for Science in Society

Te Herenga Waka — Victoria University of Wellington

Kaitautoko nomination sponsor

A satellite with solar panels is shown in orbit above the Earth's surface, which is covered in blue oceans and white clouds. The satellite is illuminated by a bright light source, likely the sun, creating a strong glow and casting shadows.

“We have to talk.  
We can't not.  
This is a really hard  
problem, but we  
have to step up  
and we have to be  
courageous about it.”

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**PROFESSOR JAMES RENWICK**





## DR DAVID TEULON

Through outstanding leadership, Dr David Teulon has championed plant biosecurity research in New Zealand during a period of ever-increasing biosecurity threats.

Invasive pests and diseases are a major threat to New Zealand agricultural and horticultural sectors, on which much of our economy is based. David has had an exemplary national and international impact on biosecurity research during his tenure as Director of Better Border Biosecurity (B3) a multi-partner, cooperative science collaboration.

For eight years, he has markedly increased B3's relevance and led trusted partnerships with the Bio-Protection Research Centre and Biological Heritage National Science Challenge. In particular, he is noted for developing a highly effective culture of science excellence and opportunities for co-innovative reinvestment to target emerging biosecurity challenges. He has championed Māori involvement in B3 governance and leadership, and expanded the community of interest to include science, policy and industry partners. Internationally, he has established linkages to strengthen our biosecurity research, including with the Institute of Plant Protection CAAS (China), CABI China, and the Plant Biosecurity CRC Australia.

David is a Principal Scientist at Plant & Food Research, and is a world authority in thrips ecology and management. His work is now recognised as the basis for modern-day research into invasion ecology of thrips and his research has led to an international award-winning thrips lure, that dominates the world market.

Throughout his career David has championed capability development and more recently expanded Māori capacity in biosecurity research through supporting summer studentships. This has resulted in some of the first publications examining plant biosecurity risks of importance to and by Māori.

He is a New Zealand Institute of Agricultural & Horticultural Science Fellow, and was appointed as New Zealand's representative on the International BioEconomy Forum's Plant Health Working Group. He currently serves as the Associate New Zealand Representative for Euphresco (comprising 51 countries), and has been invited to lead the 2022 International Congress for Biological Invasions.



“A special feature of Dr Teulon’s contribution to the health of our primary sector has been in coordinating national approaches to biosecurity problems and research. He has connected the necessary researchers specifically with major horticultural industries... and the relevant invasive species experts internationally, and more generally has used a co-innovation approach bringing together industry and researchers to plan for the best outcome.”

**PROFESSOR RICHARD NEWCOMB**

Faculty of Science, The University of Auckland  
Chief Scientist, Plant & Food Research

Kaitautoko nomination sponsor



“Right now, we simply cannot afford to have any new major disruptions from invasive species – similar to PSA or Mycoplasma bovis – because our primary industries will be vital in pulling us through this period of economic disruption and uncertainty.”

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**DR DAVID TEULON**







## SIR WILLIAM TE RANGIUA (POU) TĒMARA KNZM CNZM

### Tūhoe

Sir Pou Tēmara is a paramount scholar and prominent exponent of te reo Māori and kaupapa philosophy, and is a cultural authority on whaikōrero oratory, whakapapa, and karakia.

As a language teacher and practitioner, Sir Pou's contributions to the retention and advancement of Māori language, cultural practices and values are unrivalled. He was until recently Professor of Tikanga and Te Reo Māori in the Faculty of Māori & Indigenous Studies, University of Waikato, and is now Professor of Māori Philosophy at Te Whare Wānanga o Awanuiārangī. He continues to have a strong relationship with Te Herenga Waka – Victoria University of Wellington, where he was Chairperson at the School of Māori Studies.

One of his greatest triumphs was Te Panekiretanga o te Reo – a Māori language Institute of Excellence which he led alongside Sir Tīmoti Kāretu and the late Dr Wharehuia Milroy for over 15 years. It produced a vast number of graduates of te reo Māori who would be considered some of the best exponents of the language today.

He is strongly committed to his hapū and the Tūhoe iwi more widely. He is Chairperson of Te Hui Ahurei a Tūhoe, the oldest iwi festival, which brings descendants together every two years to celebrate their Tūhoetanga or their identity as people of Tūhoe. During his time in Wellington, he led a 'taura here' group, Tūhoe ki Pōneke, to ensure that generations of Tūhoe people were connected to their iwi.

Sir Pou was Awarded the Knights Companion for services to Māori and Education in 2020 and also the Companion of the New Zealand Order of Merit for contributions to Māori in 2016. He has served on the Waitangi Tribunal, as cultural adviser to the Māori Land Court, as lead adjudicator for Te Matatini, and as Chair of the Repatriation Advisory Panel to Te Papa. He sits on Tekaumārua the King's Council of 12, the national advisory board to Māori King Tuheitia.

In 2013, he received an Honorary Doctorate of Philosophy in Māori Development from Te Whare Wānanga o Awanuiārangī. He was also awarded Te Tohu Oranga Angitu Lifetime Achievement from Te Taura Whiri i te reo Māori the Māori Language Commission for recognition of his dedication to the Māori language and his services to the wider community.



“Dr Sir Pou Tēmara is one of this country’s formidable exponents of whaikōrero and widely recognised for his knowledge of karakia, tikanga Māori and te reo Māori... As the Tohunga, he maintained and enhanced the mana of Te Herenga Waka marae at the University... He ensured that new generations of Māori students could apply the knowledge they learnt in lectures and practice tikanga Māori at the marae.”

**PROFESSOR RAWINIA HIGGINS FRSNZ**

Tūhoe

Tumu Ahurei Deputy Vice Chancellor (Māori)

Te Herenga Waka – Victoria University of Wellington

Kaitautoko nomination sponsor



“Is there a greater honour than to be acknowledged by your enemy as a warrior.”

SIR POU TĒMARA



TŪHURA  
TOROHĒ  
TOHATOHA

It is a great honour to announce these new Companions Ngā Takahoa a Te Apārangi in recognition of the eminent contributions they have made far beyond what might be expected of them from the roles they have held. All four are outstanding exemplars, showing us the significant impact that can result from sustained effort in each of their respective kaupapa.

We are unable to meet in person to celebrate their considerable achievements, but invite you to join with us as we acknowledge the lasting gifts they have bestowed upon us.

DR BRENT CLOTHIER FRSNZ  
PRESIDENT  
ROYAL SOCIETY TE APĀRANGI







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