



agenda

Te Komiti Rangahau o Unitec | Unitec Research Committee

Date:	2023-05-11
Scheduled Start:	1300h
Scheduled End:	1500h
Location:	Microsoft Teams

SECTION 1 NGĀ KUPU ARATAKI | PRELIMINARIES

1. Karakia Timatanga | Opening Prayer
2. Mihi Whakatau | Welcome from the Chair
3. Membership
4. Terms of Reference

SECTION 2 STANDING ITEMS

1. Ngā Whakapāha | Attendance, Apologies & Quorate Status
2. Pitopito Kōrero o Ngā Hui | Minutes of the Previous Meetings
3. Mahia Atu | Matters Arising

SECTION 3 MEA HEI WHAKAAE | ITEMS TO APPROVE

1. Nomination for Appointment of an Honorary Research Fellow – Ms Gillian Crowcroft

SECTION 4 WHAKAWHITI KŌRERO | ITEMS FOR DISCUSSION

1. PBRF Sector Reference Group – Consultation Paper 11

SECTION 5 NGĀ TUKUNGA | ITEMS TO RECEIVE

1. 2022 Research Centre Reports
 - a. CREHP - A/P Samantha Heath
 - b. ESRC – A/P Terri-Ann Berry
 - c. DHRC – A/P Renata Jadresin-Milic
 - d. NWaTT – Dr Hinekura Smith

SECTION 6 KUPU WHAKAMUTUNGA | CLOSING

1. Ētahi Kaupapa Anō | Any Other Business
2. Komiti Self-Assessment
3. Karakia Whakamutunga | Closing Karakia

SECTION 1 NGĀ KUPU ARATAKI | PRELIMINARIES

Item 1.1 Karakia Tīmatanga | Opening Prayer

KARAKIA TĪMATANGA	OPENING PRAYER
<i>Manawa mai te mauri nuku</i>	<i>Embrace the power of the earth</i>
<i>Manawa mai te mauri rangi</i>	<i>Embrace the power of the sky</i>
<i>Ko te mauri kai au</i>	<i>The power I have</i>
<i>He mauri tipua</i>	<i>Is mystical</i>
<i>Ka pakaru mai te pō</i>	<i>And shatters all darkness</i>
<i>Tau mai te mauri</i>	<i>Cometh the light</i>
<i>Haumi ē, Hui ē, Tāiki ē!</i>	<i>Join it, gather it, it is done!</i>

Item 1.2 Mihi Whakatau | Welcome from the Chair

Item 1.3 Te Komiti Rangahau o Unitec Membership

Marcus Williams (Associate Professor)	Chair and Director Research and Enterprise
Daisy Bentley-Gray (New and Emerging)	Nominee of Director, Pacific Success
Tanya White	Nominee of Director, Māori Success
Dr Helen Gremillion (Professor)	Healthcare and Social Practice
Dr Yusef Patel (Early Career)	Architecture
Duaa Alshadii (New and Emerging)	Building Construction
Dr Lian Wu (Associate Professor)	Healthcare and Social Practice
Dr Hamid Sharifzadeh (Professor)	Computing and Information Technology
Dr Leon Tan (Associate Professor)	Creative Industries
Dr Kristie Cameron (Associate Professor/ Early Career)	Environmental & Animal Sciences
Dr Mitra Etemaddar	Applied Business
Robyn Gandell (Early Career)	Bridgepoint
Dr Norasieh Md Amin (Subject Librarian)	Learning and Achievement
Vacant	One member nominated by the Student Council
Arun Deo (Research Advisor)	Tūāpapa Rangahau
In attendance: Brenda Massey (Acting Secretary)	Tūāpapa Rangahau

Item 1.4 Te Komiti Rangahau o Unitec Terms of Reference

The powers and functions of Te Komiti Rangahau o Unitec (URC) shall be to:

- a. Foster the conduct of research, and support the achievement of Unitec’s strategic research, enterprise and innovation priorities.
- b. Propose and advise on strategic directions and priorities for research, enterprise, and innovation.
- c. Provide expert advice on institutional policy.
- d. Develop protocols and guidelines and make recommendations in relation to the conduct of research, enterprise, and innovation.
- e. Oversee the Grants Advisory Committee and the reporting of funded projects.
- f. Encourage and enhance the development of the research, enterprise, and innovation culture along with student and staff research capability, with emphasis on the development of Māori and Pacific research capability.
- g. Oversee the monitoring of research outputs and research reporting.
- h. Foster Māori and Pacific, transdisciplinary, collaborative and externally engaged research, enterprise, and innovation.

SECTION 2 STANDING ITEMS

Section 2.1 Ngā Whakapāha | Attendance, Apologies & Quorate Status

RECOMMENDATION

That the committee accepts the apologies of today’s meeting.

Section 2.2 Pitopito Kōrero o Ngā Hui | Minutes of the Previous Meetings

refer to [pg5](#)

RECOMMENDATION

That the committee approves the minutes of the meeting of 2023-04-13.

Section 2.3 Mahia Atu | Matters Arising

refer to [pg12](#)

SECTION 3 MEI HEI WHAKAAE | ITEMS TO APPROVE

Section 3.1 Nomination for Appointment of an Honorary Research Fellow – Ms Gillian Crowcroft

refer to [pg13](#)

SECTION 4 WHAKAWHITI KŌRERO | ITEMS FOR DISCUSSION

Section 5.1 PBRF Sector Reference Group – Consultation Paper 11 refer to [pg18](#)

SECTION 5 NGĀ TUKUNGA | ITEMS TO RECEIVE

Section 5.1 2022 Research Centre Reports refer to [pg33](#)

- a. CHREP – A/P Samantha Heath [pg35](#)
- b. ESRC – A/P Terri-Ann Berry [pg38](#)
- c. DHRC – A/P Renata Jadresin-Milic [pg41](#)
- d. NWaTT – Dr Hinekura Smith [pg45](#)

SECTION 6 KUPU WHAKAMUTUNGA | CLOSING

Section 6.1 Ētahi Kaupapa Anō | Any Other Business

Section 6.2 Komiti Self-Assessment refer to [pg72](#)

Section 6.3 Karakia Whakamutunga | Closing Karakia

TE KARAKIA WHAKAMUTUNGA	CLOSING PRAYER
<i>Ka wehe atu tātou</i>	<i>We are departing</i>
<i>I raro i te rangimārie</i>	<i>Peacefully</i>
<i>Te harikoa</i>	<i>Joyfully</i>
<i>Me te manawanui</i>	<i>And resolute</i>
<i>Haumi ē, Hui ē, Tāiki ē!</i>	<i>We are united, progressing forward!</i>



minutes

Te Komiti Rangahau o Unitec | Unitec Research Committee

Date:	2023-03-09
Scheduled Start:	1300h
Scheduled End:	1500h
Location:	Microsoft Teams

MEETING OPENED:	1300h
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SECTION 1 – NGĀ KUPU ARATAKI | PRELIMINARIES

Item 1.1 Karakia Tīmatanga | Opening Prayer

Item 1.2 Mihi Whakatau | Welcome from the Chair

The Chair warmly welcomed members of the committee to the meeting.

SECTION 2 – STANDING ITEMS

Item 2.1 Ngā Whakapāha | Attendance, Apologies & Quorate Status

Members Present

1. Marcus Williams (Chair)
2. Kristie Cameron
3. Nora Md Amin
4. Daisy Bentley-Gray
5. Helen Gremillion
6. Hamid Sharifzadeh
7. Arun Deo
8. Duaa Alshadli
9. Lian Wu
10. Cat Mitchell

Total members represented: 10 members

Apologies

1. Yusef Patel
2. Leon Tan

Total apologies: 2 members

Absent

1. Robyn Gandell
2. Mitra Etemaddar

Total absent:

2 members

MOTION**That the committee accepts the apologies for today's meeting.****Moved: Kristie Cameron****Seconded: Hamid Sharifzadeh****MOTION CARRIED****Quorate Status**

A minimum of 9 representatives is required; the meeting was quorate.

Hunga Mahi | Staff in Attendance

1. Brenda Massey, Acting Secretary

Item 2.2 Pitopito Kōrero o Ngā Hui | Minutes of Previous Meeting**MOTION****That the committee approves the minutes of the 2023-03-09 meeting as a true and accurate record.****Moved: Helen Gremillion****Seconded: Lian Wu****MOTION CARRIED****Item 2.3 Mahia Atū | Matters Arising**

Committee member Cat Mitchell is leaving Unitec, and this was her last meeting. The Chair thanked Cat for her contribution to the committee, acknowledging her in particular as someone who does not teach on a degree programme, and who therefore does not receive a time allocation, yet who has achieved highly in research, advocated for and supported other researchers at Unitec.

Agenda Item(s)	Action	Responsible	Outcome
3.1	Advise Linda Aumua of the approval of the appointment of Professor Christian Schröder as an Honorary Research Fellow within the School of Healthcare and Social Practice.	Marcus Williams	Complete
4.1	Ensure the review of the Unitec Research Strategy Action Plan is carried over onto the agenda of the next committee meeting.	Brenda Massey	Complete
5.1	Advise A/P Samantha Heath that if she wishes to communicate the details around any issues that she may be facing as Research Leader in Healthcare in relation to the RPTL, Arun Deo will incorporate these into the RTPL report that goes to TKM.	Marcus Williams / Brenda Massey	Complete

SECTION 3 – MEA HEI WHAKAAE | ITEMS TO APPROVE

Section 3.1 Nomination for Appointment of an Honorary Research Fellow – Dr Cat Mitchell

The nomination for the appointment of an Honorary Research Fellow within Ngā Wai a Te Tūi was approved.

MOTION

That the committee approves the appointment of Dr Cat Mitchell as an Honorary Research Fellow within Ngā Wai a Te Tūi.

Moved: Daisy Bentley-Gray

Seconded: Kristie Cameron

MOTION CARRIED

Action: Marcus Williams to advise the nominator, Dr Hinekura Smith, of this outcome.

Section 3.2 Nomination for Appointment of an Honorary Research Fellow – A/P Dan Blanchon

The nomination for the appointment of an Honorary Research Fellow within the School of Environmental and Animal Sciences was approved.

MOTION

That the committee approves the appointment of A/P Dan Blanchon as an Honorary Research Fellow within the School of Environmental and Animal Sciences.

Moved: Kristie Cameron

Seconded: Daisy Bentley-Gray

MOTION CARRIED

Action: Marcus Williams to advise the nominator, Prof Peter de Lange, of this outcome.

SECTION 4 - WHAKAWHITI KŌRERO | ITEMS FOR DISCUSSION

Section 4.1 Review of the Unitec Research Strategy Action Plan

Discussion of this item continued from last month's meeting and is summarised as follows:

- An Action under Priority Two is "Structure the Unitec symposium around Groups". This is not currently happening, and although it seemed like a good idea when the action plan was originally developed, in reality it is not realistic when the symposium now attracts ~150 multi-institutional expressions of interest to present. Presentations are grouped around broad 'themes', as best as they can be, in accordance with the abstracts provided. It was agreed that this action should be removed from the plan.
- Clarification was sought around an Action under Priority Two: "Provide specialist research software for postgraduate students and related PD". Tūāpapa Rangahau offers free access to research software to both students and staff, e.g., NVivo. PD offerings are available to staff

and postgraduate students, e.g., the R Workshops, which Research Leaders are asked to publicise to students via postgraduate programme leaders.

- Clarification was sought around an Action under Priority Three: “Keep schools aware of Research Sandpits...”. This is about encouraging collaboration and focus in research. Sandpits are agreed upon areas of interest and value that Unitec researchers might be able to contribute to in the future, and which could generate momentum that could lead to the establishment of new research groups and/or research centres.
- The library has had its budget cut in the last few years, and resources useful to both staff and postgraduate students have been lost, e.g., SAGE Research Methods. Despite this, there are good resources available, and it was suggested that for Priority Two, under the Action Summary “Support and resource postgraduate student research”, an Action be added that high quality resources are available through the library that support postgraduate students.
- One of Priority Two’s KPIs is around student integrated research. It was queried whether an Action could be added that schools be supported to improve and expand those programmes that have a research component, particularly programmes at Levels 9 and 10. If programmes are not supported, then they do not attract students, and student integrated research cannot be undertaken. The Chair responded that Arun Deo is working with Unitec’s Power BI team to collect data that measures progress towards that KPI. In addition, funding is available to assist staff and students to disseminate their research in a co-authored. It can be sourced through the Research Partners. At this time, Tūāpapa Rangahau lacks the resource to assist with the development of programmes.

Action: Marcus Williams to update the Action Plan by deleting the Action under Priority Two: “Structure the Unitec symposium around Groups” and adding an Action under Priority Two’s Action Summary titled “Support and resource postgraduate student research” along the lines of “high quality resources are available through the library that support postgraduate students”.

Section 4.2 PBRF Sector Reference Group – Consultation Paper 10

The committee considered the latest PBRF SRG Consultation Paper which sets out two different options for considering the effects of Covid-19 on particular groups of staff, above and beyond the generic effects that impacted almost everyone:

- **Option 1:** A standalone COVID-19 impact provision.
- **Option 2:** COVID-19 impacts are included within the Researcher Circumstances provision under the new Force Majeure type.

The committee supported Option 1, the rationale being as follows:

- The paper presented compelling examples about the differential impacts of Covid-19 on particular groups of people, e.g. immunocompromised people, people with a disability, people who had extensive childcare responsibilities, people who ended up with long Covid. It makes sense to make provisions for these groups of people, and Option 1 allows for specificity.
- With Option 2, Covid-19 is included amongst a number of other Force Majeure events, e.g., terrorist attacks, weather events etc, meaning that specificity is lost.

Action: Marcus will present the committee’s position on the consultation to the external PBRF SRG discussion forum that he and Arun Deo are part of, along with the following suggestions:

- Keep the process as simple as possible to avoid administrative burden and re traumatising people.
- Ensure that Assessment Panels are clear that less than three EREs where Covid-19 impacts have been formally acknowledged by TEC, should not then negatively impact the assessment.

Section 4.3 **2023 Research Symposium**

In previous years, the Directors of Research and Enterprise at Unitec and MIT have been co-key/lead organisers of the annual Research Symposium. MIT's Director has been disestablished and the Unitec Research Office will be restructured in the coming months. Regrettably, under these circumstances, beginning the planning of a 2023 Research Symposium would not be prudent at this time. A summary of the committee's discussion is as follows:

- If EOIs to participate in the symposium were to be issued now, it would set up an expectation for staff that a 2023 Research Symposium will definitely be held. In addition, it would saddle the staff in the newly restructured research office with a workload that they may or may not be equipped to deliver on.
- Whatever decision is made needs to be communicated to staff as soon as possible. Many staff members rely on the symposium as a means to present their research and meet their RPTL obligations, and many incorporate their participation into their IRPs.
- The committee is sympathetic to the researchers who will not have the opportunity to present at a symposium at the end of the year, however not holding a symposium is the only decision that is tenable under the circumstances articulated above.
- The committee acknowledged Marcus' leadership of previous symposiums, and the effort that goes into organising events of this nature and calibre. Past symposiums have provided valuable opportunities for Unitec, and more latterly MIT, researchers.
- Since 2020 there has been a Pacific stream in the symposium, and this has created momentum in this space. Pacific researchers from Unitec and MIT have felt supported and encouraged. It is hoped that this support and encouragement continues, as people are starting to feel more comfortable in the research space.
- As well as the opportunities afforded for staff to present their research, the symposium also provided opportunities for staff to chair sessions, review abstracts, and judge research competitions.

MOTION

That the 2023 Research Symposium is suspended for the time being, and that this decision is communicated to research staff accordingly.

Moved: Marcus Williams

Seconded: Cat Mitchell

MOTION CARRIED

SECTION 5 - NGĀ TUKUNGA | ITEMS TO RECEIVE

Section 5.1 **Future Research Management and Administration in Te Pūkenga**

The committee received the Chair's update on the future of research and administration in Te Pūkenga as outlined in his covering memo.

Section 5.2 2022 ECR Contestable Funding Final Reports

The committee received the final reports from the four recipients of 2022 ECR Contestable funding.

The committee noted that these were excellent projects that produced quality outputs and supported internal and external research collaborations. Two of the project leads went on to submit major bids for MBIE funding. This indicates that the funding mechanism is a useful PD tool, with researchers gaining experience in managing teams, managing budgets and navigating Unitec processes and procedures. A high level of accountability for funds received has been demonstrated, and the committee can be confident that the process of allocating and expending grants is rigorous and robust.

Action: Brenda Massey to draft letters to the four report writers thanking and acknowledging them for their reports and mahi.

SECTION 6 - KUPU WHAKAMUTUNGA | CLOSING

Section 6.1 Ētahi Kaupapa Anō | Any Other Business

Tūāpapa Rangahau needs to request that Schools report against their Research Plans, as per the committee's 2023 Work Plan. Arun Deo will progress this once industry funded data and ERI data for last year has been received.

It is important that staff know that their school has a plan, that they are aware of which research groups are operating in their areas, and that they see what contribution they can make to research at Unitec.

Action: Arun Deo to procure school research plan reports in time for the July URC meeting.

Section 6.2 Komiti Self-Assessment

An opportunity was given for the committee to reflect on their self-assessment provocations. The committee is reminded that feedback on any aspect of the committee's operation can be emailed to the Chair or the Secretary at any time (in confidence if requested).

Section 6.3 Karakia Whakamutunga | Closing Karakia

MEETING CLOSED:	1415 h
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SUMMARY OF ACTIONS

Agenda Item(s)	Action	Responsible	Outcome
3.1	Advise Dr Hinekura Smith of the approval of the appointment of Dr Cat Mitchell as an Honorary Research Fellow within Ngā Wai a Te Tūi.	Marcus Williams / Brenda Massey	
3.2	Advise Prof Peter de Lange of the approval of the appointment of A/P Dan Blanchon as an Honorary Research Fellow within the School of Environmental and Animal Sciences.	Marcus Williams / Brenda Massey	
4.1	Update the Research Strategy Action Plan by deleting the Action under Priority Two: "Structure the Unitec symposium around Groups" and adding an Action under Priority Two's Action Summary titled "Support and resource postgraduate student research" along the lines of "high quality resources are available through the library that support postgraduate students".	Marcus Williams	
4.2	Present the committee's position on the consultation to the external PBRF SRG discussion forum.	Marcus Williams	
4.3	Communicate the committee's decision to suspend the 2023 Research Symposium to research staff.	Marcus Williams	
5.2	Write to the four 2022 ECR Funding recipients thanking and acknowledging them for their final reports.	Brenda Massey	
6.1	Request that Schools report against their Research Plans, as per the committee's 2023 Work Plan.	Arun Deo	

MATTERS ARISING

Agenda Item(s)	Action	Responsible	Outcome
3.1	Advise Dr Hinekura Smith of the approval of the appointment of Dr Cat Mitchell as an Honorary Research Fellow within Ngā Wai a Te Tūi.	Marcus Williams / Brenda Massey	Complete
3.2	Advise Prof Peter de Lange of the approval of the appointment of A/P Dan Blanchon as an Honorary Research Fellow within the School of Environmental and Animal Sciences.	Marcus Williams / Brenda Massey	Complete
4.1	Update the Research Strategy Action Plan by deleting the Action under Priority Two: “Structure the Unitec symposium around Groups” and adding an Action under Priority Two’s Action Summary titled “Support and resource postgraduate student research” along the lines of “high quality resources are available through the library that support postgraduate students”.	Marcus Williams	Complete
4.2	Present the committee’s position on the consultation to the external PBRF SRG discussion forum.	Marcus Williams	Complete
4.3	Communicate the committee’s decision to suspend the 2023 Research Symposium to research staff.	Marcus Williams	Complete
5.2	Write to the four 2022 ECR Funding recipients thanking and acknowledging them for their final reports.	Brenda Massey	Complete
6.1	Request that Schools report against their Research Plans, as per the committee’s 2023 Work Plan.	Arun Deo	In progress



memo

To	Unitec Research Committee	Date	April 30, 2023
From	Dr Peter J. de Lange Professor of Biosystematics and Conservation, School of Environmental & Animal Sciences		
Subject	Nominations for Appointment of an Honorary Research Fellow		

I am requesting that the Unitec Research Committee approves the appointment of Ms Gillian Crowcroft M.Sc. (Hons.) *Waik* as an Honorary Research Fellow within the School of Environmental and Animal Sciences.

Gillian is a groundwater hydrologist by training (Earth Sciences Department, University of Waikato) with extensive expertise in groundwater aquifer modelling, water allocation and treatment plants, resource consents and the Resource Management Act. She has over 30 years' experience of working as a geologist, groundwater scientist, planner and environmental scientist for Geology & Nuclear Sciences (Lower Hutt), World Wildlife Fund N.Z. (Wellington), Auckland Regional Council, Auckland Council, her own business 'Natural Resource Assessors' and now as a Technical Director for Harrison Grierson (see <https://www.harrisingrierson.com/people/gillian-crowcroft>). Gillian is also an Environmental Commissioner and has considerable skills with iwi engagement (notably Ngāti Raukawa, Te Ati Awa, Ngā Rāuru, and Ngāti Toa). Gillian has also published five papers and helped organise and run fieldwork on Norfolk Island and Rarotonga (see <https://www.researchgate.net/profile/Gillian-Crowcroft-2/research>).

Gillian will bring much-needed expertise and legitimacy to our new Master of Applied Sciences (M.A.Sci.) program, notably through her experiences as a consultant, environmental commissioner and planner heavily involved in aspects of the Resource Management Act. Her expertise with iwi consultation is also a skill our students can learn from.

These are skills our current School of Environmental & Animal Sciences (EAS) staff either lack or have limited knowledge of. As such Gillian has been identified as a potential future guest lecturer for the M.A.Sci. program and co-supervisor of students. Therefore, I feel her appointment as an Honorary Research Fellow will help legitimize those roles in our future courses. Further Gillian has an extensive network of contacts spanning Te Ika a Maui / North Island and Te Wai Pounamu / South Island, whose research needs will potentially provide EAS students with research topics to explore, funding opportunities and in which her co-supervisory role will be necessary.

Ngā mihi,

A handwritten signature in black ink, appearing to read 'P. de Lange', with a long horizontal stroke extending to the right.

Prof. Dr. Peter J. de Lange FLS
School of Environmental & Animal Sciences

GILLIAN CROWCROFT



TECHNICAL DIRECTOR – ENVIRONMENT INDEPENDENT HEARING COMMISSIONER



POSITION

Technical Director - Environment

LOCATION

Auckland

QUALIFICATIONS

- M.Sc (Hons) Waikato

MEMBERSHIPS

- NZ Hydrological Society

CERTIFICATIONS

- Hearing Commission (Making Good Decisions certified)
- IAP2 (Public Participation)
- ISCA (Infrastructure Sustainability)

**FOR MORE INFORMATION, PLEASE CONTACT
GILLIAN DIRECTLY**

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E g.crowcroft@harrisingrierson.com

"PROBLEM SOLVER"

Gillian is a skilled RMA practitioner with more than 25 years' experience in environmental science, hydrology, policy analysis and planning.

Freshwater management is Gillian's primary area of expertise. She has delivered groundwater and surface water projects for regional council in a range of capacities including research and investigation, policy development and planning. She also works effectively in other technical areas including land use, discharges to the environment, river works, and solid waste.

As an environmental consultant Gillian provides resource management advice and delivers services to public and private sector clients around New Zealand including Government agencies, District Councils (particularly 3-waters teams), energy generators, land developers, primary industry and individuals.

Gillian understands RMA plan preparation and the functions of councils. This, coupled with her experience working for resource users, gives her a deep understanding of resource management challenges. Her regionally focussed expertise, together with her depth of understanding of national instruments, enables her to consider proposals within a broader statutory framework.

Gillian is an excellent communicator and works effectively with scientists, engineers and planners. She has completed the Making Good Decisions Training course, is a certified commissioner and appointed Freshwater Commissioner.

AREAS OF EXPERTISE

- Resource management strategy, policy analysis and planning. Particularly freshwater, discharges, drilling, rivers, solid waste, and land disturbance.
- Hydrology and hydrogeology
- Regional Policy statement & Plan analysis and preparation
- Design, implementation and management of technical environmental research and assessment
- Preparation of submissions on legislative instruments, regional plans, and consent applications.
- Expert witness evidence preparation and plan appeals.
- Resource consent application preparation and review
- Infrastructure sustainability
- Engagement with iwi groups, landowners, and government agencies

RELEVANT EXPERIENCE



SECTION 32 REPORT NPS FOR FRESHWATER MANAGEMENT AND NES-FRESHWATER (2020&2022)

Lead an agile policy team in the preparation of the section 32 evaluation report for the NPS for Freshwater Management 2020 and NES Freshwater for Ministry for the Environment. Worked alongside the Ministry for the Environment team drawing on existing assessments and consultation while the NPS and NES were being finalised.

GORE DISTRICT COUNCIL EXPOSED LANDFILL EMERGENCY RESPONSE

Responded with urgency to resolve exposed landfills following February 2020 flooding. Assessed affected areas with geotechnical specialists and developed a plan of action to undertake works under emergency works provisions. Developed a programme of work for Council to ensure they delivered the required reporting and retrospective consent applications for river works.

MERCURY SUBMISSION ON WAIKATO REGIONAL PLAN CHANGE 1 (2017-ONGOING)

Worked with Mercury to determine the future implications of Waikato Regional Plan change 1 on ongoing operation and maintenance of the 9 hydro dams that make up the Waikato Hydro Scheme. Prepared Mercury's submission, analysed submissions, prepared and gave evidence at plan hearings.

AUCKLAND COUNCIL TECHNICAL GUIDANCE PRACTICE LEAD (2018-2020)

Lead the development and delivery of AC technical guidance and provided discipline cross over to corresponding Auckland Unitary Plan changes. The scope of projects included stormwater, soakage, on-site wastewater, green infrastructure and erosion and sediment control.

THAMES-COROMANDEL DISTRICT COUNCIL 3-WATERS PROJECTS (2017-ONGOING)

Provided resource management and planning advice and services to: renew water permits for municipal water takes, discharge consents for municipal wastewater treatment plant discharges to water and groundwater technical assessments.

NZ DEFENCE FORCE - STREAM EROSIONS OPTIONS ASSESSMENT (2018)

Assessed contributing causes of stream bank erosion outside an NZDF base and evaluated future management options. Considered both hard and soft engineering options to address the problem while carefully considering potential unintended consequences to mitigate (e.g. increased flooding). Provided technical review of all project deliverables.

GOLDEN BAY CEMENT TYRE DERIVED FUEL CONSENT (2017-2018)

Planning and technical lead role to support Golden Bay Cement to gain consent to use end of life tyres for fuel in the cement plant at Portland. Developed project consent strategy and identified the scope of technical input required. Coordinated specialist input and drafted AEE and resource consent application, which was subsequently non-notified and granted.

BAY OF PLENTY REGIONAL COUNCIL (2016)

Evaluated options for developing "default methodology" for Bay of Plenty regional freshwater planning in parts of the region lacking data and information to support robust location specific analysis.

AUCKLAND WASTE STOCK TAKE AND STRATEGIC ASSESSMENT (2009-2011)

Designed and led a collaborative project with 7 Auckland local authorities and 3 consultants to deliver a robust analysis of current state solid waste generation, transport, and disposal in Auckland prior to 2010 Councils amalgamation. Provided project team support to the subsequent Auckland Council Waste Assessment and Waste Management and Minimisation Plan.

WAI ORA WAI MAORI - AUCKLAND'S FRESHWATER PROGRAMME (2011-2014)

Lead the programme of work to give effect to the NPS-Freshwater management in Auckland. Evaluated the implications and opportunities for Auckland Council and initiated early discussions with Mana Whenua to establish a collaborative programme of work at the programme outset.

AUCKLAND REGIONAL PLAN - AIR, LAND AND WATER PROJECT (2009-2010)

Managed the Proposed Auckland Regional Plan: Air, Land and Water project in the final 10 months before the amalgamation of Auckland Council in 2010. Created urgency and common purpose amongst appellants and the project team to mediate and resolve outstanding appeals, find mutually acceptable solutions, and enable the plan to be made operative in part in October 2010.

WAIHEKE ISLAND GROUNDWATER INVESTIGATION AND WATER MANAGEMENT (2003-2004)

Increased demand for groundwater supplies from a relatively unknown resource led to initiation of the Waiheke Island groundwater project. Contributed to developing the drilling programme, monitoring and analysis to determine aquifer parameters and set water availability limits. Evaluated options for managing water abstraction to optimise resource use without adverse effects on the resource or groundwater users.

AUCKLAND WATER RESOURCE STATEMENTS (2002-2005)

Initiated a project to mine Council's extensive hydrological monitoring and resource consent monitoring data to analyse, report and publish water quantity statements for Auckland. The water quantity statements established a baseline for water resource management information including Council monitoring sites, resource allocation and use.

NZ ENVIRONMENTAL STANDARD FOR DRILLING OF SOIL AND ROCK (1998-2001)

Project managed a collaborative project with industry and councils, funded by Ministry for the Environment and local authorities, to develop minimum standards for drilling in rock and soil. Worked alongside Standards NZ to produce a project output in the form of NZS 4411: 2001. The standard is still widely used in Council Plans and drilling contracts.

ANGLIAN WATER FOUNDATION FELLOWSHIP RECIPIENT (1997)

Successful applicant of a research fellowship to the UK to evaluate options for improved groundwater protection and drilling practises in NZ.

THREATENED PLANT RESEARCH AND MANAGEMENT (1992-2017)

Contributed to multiple threatened plant projects through field work, data analysis, stakeholder engagement and as a co-author to reports and publications. Provided input to Department of Conservation threat listing of vascular plants and field work.

QUALIFICATIONS & PROFESSIONAL DEVELOPMENT

- M.Sc, (Hons) Earth Sciences (Hydrology) University of Waikato 1992
- B.Sc. Earth Sciences University of Waikato 1990
- Making Good Decisions foundation 2020
- NZ Company Directors Course 2022
- Infrastructure Sustainability Practitioner 2018
- IAP2 certificate in Public Participation 2014
- University of Auckland Policy Analysis and Development 2012

CAREER SUMMARY

Harrison Grierson	Technical Director - Environment	2020-present
Harrison Grierson	Environmental Planning Lead	2016-2020
Auckland Council	Principal Specialist, Environmental Strategy and Policy	2010- 2015
Auckland Regional Council	Manager, Land and Water Policy	2010
	Senior Policy Analyst, Policy and Planning	2005-2010
	Water Resource Scientist, Environmental Management	1997-2005
	Water Resource Officer, Environmental Management	1993-1997
Natural Resource Assessors	Director (part-time)	1992-present

PROFESSIONAL MEMBERSHIP & POSITIONS

- Harrison Grierson Executive Board Member 2021-
- Certified Independent Hearing Commissioner 2020-2023
- Infrastructure Sustainability Council of Australia Member 2018 -present
- Kaipatiki project Board Member 2015-2017
- NZ Hydrological Society Member 1991-present
- NZ Hydrological Society Executive Member 1997-2006

Unitec New Zealand Limited

Meeting of Te Komiti Rangahau o Unitec | Unitec Research Committee

Date of Meeting: 11 May 2023

Title	PBRF Sector Reference Group – Consultation Paper 11
Provided by:	A/P Marcus Williams, Director Research and Enterprise
For:	Feedback/Discussion

Recommendation

That the committee reviews, considers and provides feedback on the PBRF Sector Reference Group's 11th consultation paper: Reporting the results of the PBRF Quality Evaluation 2026.

Key Points

The consultation paper sets out the approach developed by the PBRF Sector Reference Group (SRG) for TEC reporting on the results of Quality Evaluation 2026.

Information/Background

Ahead of the next Quality Evaluation, the TEC has appointed a SRG comprising members from across tertiary and research sectors. The SRG is to advise the TEC on the operation and design of the PBRF, contributing critical sector expertise and knowledge towards the implementation of Cabinet's decisions on the PBRF. SRG recommendations are developed as part of a public consultation process. The SRG has just released Consultation Paper 11: Reporting the results of the PBRF Quality Evaluation 2026.

Next Steps

The feedback period runs from **5 May to 16 June 2023**. The committee's feedback will be conveyed to the Rangahau Research Forum (RRF) for review/discussion, along with any other feedback received from within Te Pūkenga. The RRF will collate a response for input/submission to TEC by Te Pūkenga. Individual submissions can also be made here:

<https://www.surveymonkey.com/r/7TZ35CK>.

The SRG will consider sector feedback and make its recommendations to the TEC in July 2023. The TEC will make decisions confirming its approach to reporting based on the SRG's recommendations and officials' advice. These decisions will be communicated to the sector when final Guidelines are released.

Attachments

- PBRF Sector Reference Group – Consultation Paper 11: Reporting the results of the PBRF Quality Evaluation 2026.

**Tertiary Education
Commission**
Te Amorangi Mātauranga Matua



PBRF Sector Reference Group – Consultation paper 11

**Reporting the results of the PBRF Quality
Evaluation 2026**

Name	Status	Distribution
<p>PBRF Sector Reference Group – Consultation Paper 11:</p> <p>Reporting the results of the PBRF Quality Evaluation 2026</p>	<p>CONSULTATION PAPER</p>	<p>Public</p> <p>Direct feedback to:</p> <p>https://www.surveymonkey.com/r/7TZ35CK</p> <p>Feedback due 5pm, 16 June 2023</p>

PBRF Sector Reference Group – Consultation Paper 11: Reporting the results of the PBRF Quality Evaluation 2026

Purpose

- 1 This paper sets out the approach developed by the PBRF Sector Reference Group (SRG) for TEC reporting on the results of Quality Evaluation 2026.
- 2 The SRG considered the following matters in developing this paper:
 - › The implications of Cabinet’s decision to discontinue the Average Quality Score (AQS)
 - › The purpose of reporting on the results of the Quality Evaluation
 - › Whether the TEC should stop reporting anything else previously reported, other than the AQS
 - › Opportunities for new reporting arising from changes agreed by Cabinet decisions and from changes agreed in principle by the TEC based on the SRG’s earlier recommendations
 - › Opportunities to add value to reporting in the following four areas:
 - Use of existing PBRF data from the other two fund components (Research Degree Completions and External Research Income)
 - Use of existing TEC data from other funds
 - Use of newly collected data
 - Use of external data.
- 3 The SRG welcomes comments on the proposed approach.
- 4 Note: The scope of this paper includes public reporting of Quality Evaluation results and common reporting accessed by participating tertiary education organisations (TEOs). It does not include the reporting of individual Quality Category results to individuals and their employing TEOs.

Background

Cabinet decisions to discontinue the Average Quality Score

- 5 In July 2021, Cabinet released its decisions on changes to the PBRF. These decisions included instructing the TEC to discontinue reporting the two AQS measures that were

used to report in Quality Evaluation 2018.¹ Cabinet made the decision to remove these AQS measures based on Ministry of Education (MoE) advice, which reflected the findings of the PBRF review held in 2019-2020 and subsequent sector consultation.

- 6 The TEC will directly action this Cabinet decision. AQS measures will not be produced or included in Quality Evaluation 2026 results.

PBRF Review recommendations

- 7 One of the ways PBRF Quality Evaluation results have been reported since the Fund was introduced is through the AQS. In 2003 and 2006 there was a single AQS measure and, in 2012, the TEC introduced four different ways of calculating an AQS. This was reduced to two types in the 2018 round: the AQS(S) and the AQS(E). These measures were intended to reflect research intensity as opposed to measuring research quality.
- 8 The AQS(S) used a multi-year average of FTE totals at each participating TEO relative to the number of funded Quality Categories. This measure provided an indication of the extent to which staff whose EPs have been awarded a funded Quality Category were representative of all teaching and research staff at each TEO.
- 9 The AQS(E) was calculated by using the number of equivalent full-time students (EFTS) at degree level or higher enrolled in qualifications at NZQF Level 7 and above at each participating TEO relative to the number of funded Quality Categories. This measure indicated the extent to which degree level and above teaching and learning was underpinned by research. Higher numbers indicated a greater intensity of degree-level provision that was informed by research.
- 10 Based on sector consultation and feedback, the PBRF Review held in 2019-2020 recommended discontinuing the AQS(S) and the AQS(E). The PBRF review panel made the following recommendation, reproduced here in full:

RECOMMENDATION 33

The TEC should retain the focus on the increase in the total number of funded Quality Categories when reporting the results of the Quality Evaluation, and discontinue the average quality score metrics.

The results of the 2018 Quality Evaluation were reported in an accessible way, including the use of web-based data visualisation apps and infographics. Part of the approach to reporting was to place much less emphasis on measures of the relative intensity of research quality, the average quality scores. The changes to the reporting framework appear to have been welcomed by the sector and the panel considered that they were a positive change.

The reporting of average quality scores does, however, appear to be a point of continued tension. The reasons for these concerns reflect both the design of the measures and results of the calculations themselves.

¹ Ministry of Education, 2021. *Education Report: Final recommendations on the PBRF Review*. Wellington, New Zealand Government, para 64; Cabinet Minute of Decision: Review of the Performance-Based Research Fund: Final Report (CAB-21-MIN-0175).

These metrics imply that a higher score is better given the natural tendency for organisations to use them for ranking purposes. High scores might indicate a concentration of, for example, A Quality Categories at a TEO. That result might be a useful reference point for some stakeholders.

At the same time, given the correlation between career stage and higher quality categories, a very high result might not be compatible with the need for a more balanced profile that ensures the research workforce is continually replenished. A focus on research intensity among staff might also be misleading given the growing diversity of roles among academics, particularly progress in providing specialist career pathways.

The results of the average quality scores measure calculations are not particularly intuitive. The range for the average quality score that aims to measure research intensity among staff (AQS(S)) was between 29.19 and 0.23. The comparable ratio for the score linked to enrolments was between 2.14 and 0.19.

While the results of the AQS(S) show a marked difference between universities and other TEOs, there is no evident correlation between the two scores and the numbers have no intrinsic meaning either locally or internationally.

We were sympathetic to concerns expressed through submissions that the average quality scores are not particularly meaningful, and what value does accrue from them may well be outweighed by their perceived lack of credibility among some stakeholders.

Accordingly, the panel considered that the average quality score metrics should be discontinued.

Ministry of Education consultation on an alternative

- 11 Following the PBRF Review panel's report, in 2020 MoE asked the sector for feedback on the effectiveness of the AQS measures and for suggestions on a replacement or improvement. MoE found there was widespread support to remove the AQS measures but no consensus on an alternative option.
- 12 As a result, MoE recommended removing the AQS without a replacement. In doing so they noted criticism of the AQS and that the measure's unreliability was incompatible with the aims of the PBRF.
- 13 In 2021, MoE's recommendation was accepted by the Minister for Education and Cabinet, and the TEC was directed to stop producing the AQS. MoE's advice noted that the other information produced by TEC in reporting the results was useful, including changes made for the 2018 round, and they saw it as sufficient to fulfil the aims of the PBRF.
- 14 When the TEC convened the SRG in September, it was agreed to give the question of reporting further consideration as part of the consultation process.

Sector Reference Group process

- 14 Following consultation on the approach set out in this paper, the SRG will consider sector feedback and make recommendations to the TEC. The TEC will make decisions on reporting on the basis of the SRG's recommendations alongside officials' advice.

- 15 Any changes to reporting agreed by the TEC based on the SRG's recommendations will be implemented through the Quality Evaluation 2026 process as needed.
- 16 In developing the approach described in this paper, the SRG has considered whether it will:
 - › Deliver Cabinet's instructions,
 - › Address the concerns and aspirations identified in the Report of the PBRF Review Panel and the *Report of the Moderation Panel and Peer Review Panels*,
 - › Deliver fair and equitable outcomes for all participating TEOs and their staff,
 - › Uphold the unique nature of research produced in Aotearoa New Zealand and reflect what is distinctive about our national research environment,
 - › Are consistent with the PBRF Guiding Principles, including the three new Principles of partnership, equity, and inclusivity, and
 - › Are able to be implemented and audited (legally and practically).

Previous reporting – PBRF Quality Evaluation 2018 results

Reporting meets a key fund objective

- 17 A primary purpose of producing the results of the Quality Evaluation is to inform PBRF funding calculations. These allocations are reported at the level of annual TEO funding allocations for each component of the PBRF, including the Quality Evaluation.
- 18 As well as allowing funding to be calculated and allocated, publicly reporting the results of the Quality Evaluation helps ensure the fund meets its objective of providing robust public information to stakeholders about research performance within and across TEOs.

Reporting on Quality Evaluation 2018

- 19 For the 2018 round, the objectives of the TEC's reporting were:
 - › to give meaning to the outcomes of the Quality Evaluation
 - › to provide value to the sector
 - › to make the results accessible to a wide audience.
- 20 The focus of reporting results for the 2018 round included:
 - › The AQS(E) and AQS(S) by TEO (both discontinued)
 - › FTE-weighted Quality Category scores by TEO and by subject area
 - › Researcher demographics: results by subject area and by demographics (gender, ethnicity, age, and employment status)

Public reporting

- 21 In terms of public reporting, on the TEC website the results for Quality Evaluation 2018 are provided in the following online formats:
 - › [Improving Research Quality: The results of the PBRF 2018 Quality Evaluation](#) – A report that presents the results of the PBRF 2018 Quality Evaluation and provides analysis and comparisons with previous rounds. The report provides an overview of the results, the average quality scores, the funding allocations and the outcomes of the complaints process
 - › background reports and infographics (see below)
 - › interactive charts for all Quality Evaluation rounds (see below)
 - › data visualisations showing research dissemination, researcher collaboration, and author distribution (see below).

- 22 Alongside the main Improving Research Quality report, there are two public background reports. The equivalent of these two reports will be produced in 2026. These are:
- › [Report of the Moderation Panel and Peer-Review Panels](#) (PDF, 1.6 MB) – An overview of the process each panel undertook through the assessment, analysis of the results within a panel context and panel recommendations.
 - › [TEC Project Report](#) (PDF, 2 MB) – An outline of the process the TEC undertook to implement the PBRF 2018 Quality Evaluation.
- 23 TEC produced infographics to summarise each subsector's participation in the PBRF 2018 Quality Evaluation:
- › [Institutes of technology and polytechnic sector infographic](#) (PDF, 98 KB)
 - › [Private training establishment sector infographic](#) (PDF, 98 KB)
 - › [University sector infographic](#) (PDF, 104 KB)
 - › [Wānanga sector infographic](#) (PDF, 98 KB)
- 24 We also developed an infographic that shows TEO participation across the four Quality Evaluation rounds (2003, 2006, 2012 and 2018):
- › [Quality Evaluation participation across four rounds](#) (PDF, 137 KB)
- 25 All of the above forms of reporting are published on our website and found here: <https://www.tec.govt.nz/funding/funding-and-performance/funding/funder/performance-based-research-fund/previous-quality-evaluation-rounds/pbrf-2018-quality-evaluation/pbrf-2018-quality-evaluation-results/>

Reporting for participating TEOs

- 26 In addition to this public reporting, two online applications accessible to participating TEOs are available through the TEC's Ngā Kete information portal. These apps allow participating TEOs to access results for all four Quality Evaluation rounds by funded Quality Category, panel, subject area and nominated academic unit, as well as sector-wide demographics by subject area.
- 27 These login-required apps also drive publicly available interactive pages on the TEC website:
- › FTE-weighted Quality Category scores by TEO and by subject area: <https://www.tec.govt.nz/funding/funding-and-performance/funding/funder/performance-based-research-fund/previous-quality-evaluation-rounds/pbrf-2018-quality-evaluation/pbrf-2018-quality-evaluation-results/quality-evaluation-results-by-teo-and-subject/>

- › Researcher demographics: <https://www.tec.govt.nz/funding/funding-and-performance/funding/fund-finder/performance-based-research-fund/previous-quality-evaluation-rounds/pbrf-2018-quality-evaluation/pbrf-2018-quality-evaluation-results/researcher-demographics/>

- 28 None of this reporting involves the disclosure of information about any individuals, as privacy is a paramount consideration. Rigorous data privacy checks are in place to ensure that none of our reporting would reveal, or allow someone to infer, the Quality Category awarded to any individual.

Reporting for participating individuals

- 29 While out of scope for the rest of this paper, individuals' Quality Categories are provided in confidence to their employing TEO at the end of the Quality Evaluation exercise. As part of the process, individuals can indicate whether they also wish to receive this Quality Category. They can also request their own individual scores directly from the TEC at any time.

Reporting on Quality Evaluation 2026

Purpose of reporting

- 31 The SRG proposes that the high-level purpose of reporting stated in 2018 remains accurate, and can be retained for 2026 with a minor amendment:
 - › to support accurate understanding of the outcomes of the Quality Evaluation
 - › to provide value to the sector
 - › to make the results accessible to a wide audience.
- 32 The SRG welcomes feedback on any areas where there is a rationale to change the purpose of reporting.

Should stop reporting anything previously reported?

- 33 Aside from the AQS measures, the SRG does not propose to stop reporting any of the information that was provided to the public in the Quality Evaluation 2018 results.
- 34 The basic data points of TEOs, Panels, Subject Areas, and Quality Category scores, cut by demographic information on gender, ethnicity, employment status and stage remain relevant and useful. The approach of presenting and analysing trends over time also remains important.
- 35 The SRG welcomes feedback on any areas where there is a rationale to stop any of the reporting produced in 2018.

New reporting arising from changes

- 36 This section considers the impact on reporting of Cabinet's decisions and the subsequent SRG recommendations which have been approved in principle by the TEC. In considering this question, the SRG identified several changes that will affect what the TEC will need to report.
- 37 Overall, reporting on these changes is of a very similar type to previous reporting on the conduct of the Quality Evaluation found in the main report and *Report of the Moderation Panel and the Peer-Review Panel*. As such, these proposals for changes to reporting are minor.
- 38 In most cases, the TEC would already be reporting on these things as a matter of course using the data submitted by TEOs. While they will provide important information, they do not have any significant implications in terms of compliance costs for TEC or for TEOs. For this reason, the SRG has not taken the approach of developing different options when seeking sector feedback.
- 39 New areas for reporting, or which have taken on additional importance, arising from changes include:

- › **Cabinet's decisions on ethnicity weightings and panel weightings.** Having considered these changes, the SRG proposes that TEC reports on how they have affected:
 - the number of submissions by Māori researchers
 - the number of submissions to the Mātauranga Māori panel
 - the number of submissions by Pacific researchers
 - the number of submissions to the Pacific Research panel.
- › **New definitions of research, excellence, and impact and new Quality Category descriptors.** Having considered these changes, the SRG proposes that TEC reports on how they have affected diversity and broader recognition of excellence by looking at:
 - how many and what types of Research Activities are submitted in Evidence Portfolios (EPs), both as Supplementary Items in Examples of Research Excellence (EREs) and as Other Examples of Research Excellence (OEREs)
 - how many and what types of Contribution to the Research Environment (CRE) types are included in EPs
 - the number of EPs from Māori researchers
 - the number of EPs and EREs submitted in Te Reo
 - panel selection by Māori researchers
 - the distribution of scoring for Māori researchers
 - the number of EPs by Pacific researchers
 - panel selection by Pacific researchers
 - the distribution of scoring for Pacific researchers.
- › The SRG also notes that the TEC should ensure due consideration is given to Māori data sovereignty in the conduct of the Quality Evaluation.
- › **Achievement Relative to Opportunity framework.** This framework introduces new ideas into the design of EPs and the underpinning process. Having considered these changes, the SRG proposes that TEC reports on:
 - Any differences in the number of EREs and Supplementary Items submitted between groups with different or flexible submission requirements. This would include uptake of the option of reduced

submission requirements for New and Emerging Researchers and researchers in part-time roles.

- Any differences compared to previous rounds in the final score distribution for New and Emerging Researchers, researchers in part-time roles, female researchers, Māori researchers, and Pacific researchers, and researchers who have declared Researcher Circumstances.
 - Any changes to the number/proportion of researchers meeting the new definition of a New and Emerging Researcher.
 - Any changes to the number/proportion of researchers declaring Researcher Circumstances compared to the previous Extraordinary Circumstances option.
- › **The cross referral process.** Having considered these changes, the SRG proposes that TEC reports on how they have worked given the changes made not only to this process but to panels – i.e., the new co-chairing arrangements and changes to panel weightings.
 - › **Panel composition diversity.** The SRG notes the TEC’s earlier in-principle decisions on panels include that: ‘The TEC will report on panel make-up against the groups listed above, as well as on panel gender and ethnic diversity, when panels are announced.’
 - › **Co-chairing arrangements in the Moderation team and peer review panels.** A significant change to the Quality Evaluation is the introduction of Co-Moderators and Panel Co-Chairs. The SRG notes that reporting on the Quality Evaluation will provide an opportunity to reflect on how this worked.
- 40 Overall, reporting on these areas will be a matter of data-supported narrative in the main report and *Report of the Moderation Panel and the Peer-Review Panel*. Analysis of EP submissions and the results will play a key role. As such, while reporting on these matters is important, the SRG’s view is that they do not involve any specific changes or new costs for TEC or TEOs in terms of reporting.
- 41 As noted above, given that these matters are within the scope of previous approaches to reporting, the SRG has opted to share the above with the sector for general comment only, rather than asking for feedback on these matters as a series of Yes/No options. However, the SRG welcomes any feedback on this approach and on what else might be considered.

Opportunities to add value to previous reporting

- 42 Except for concerns about the AQS, and reporting on the changes noted in the previous section, previous feedback reflects that the 2018 presentation of the results was generally fit-for-purpose.

- 43 The SRG has considered a number of other opportunities where the TEC could potentially add to the value of the data by either presenting it differently and/or linking it to other datasets.
- 44 When considering options for extending or enhancing reporting, the SRG saw it as important to consider the PBRF principles. Any proposed changes to reporting need to be weighed against the importance of Consistency and Continuity, as well as Efficiency, as changes can drive administrative and compliance costs that outweigh the intended benefits of the change.
- 45 TEC officials provided advice on four main areas where there may be opportunities to add value to reporting:
 - › Linking Quality Evaluation data more strongly to existing PBRF data from the other two fund components (RDCs and ERI)
 - › Linking Quality Evaluation data to existing TEC data from other funds (e.g., data on related EFTS volumes and Educational Performance Indicators)
 - › using newly collected data (introducing new fields)
 - › using external data (linking Quality Evaluation results to data held by other agencies).
- 46 The considered view of the SRG is that none of these areas would provide enough benefit to justify the technical complexity and potential compliance they would introduce. They may do significant harm by providing misleading perspectives on the PBRF and on sector performance. Similar issues to those that were highlighted with regard to the AQS also apply to these potential metrics, which raise questions about meaningfulness and attribution. A further consideration was the need to keep the reporting focused on the Quality Evaluation itself.
- 47 On that basis, the SRG does not recommend pursuing any of these opportunity areas as the basis for new types of reporting on the results of the Quality Evaluation 2026.
- 48 The SRG welcomes feedback on this view and on any other opportunities to enhance reporting.

Next steps and consultation feedback

- 17 The SRG seeks the sector's feedback on the proposed approach outlined in this paper.
 - › Do you have any comments on the proposed statement on the purpose of reporting the results of Quality Evaluation 2026?
 - › Do you have any comments on the proposed areas where reporting will be added to reflect changes to the fund?
 - › Do you have any comments on other opportunities to enhance reporting on the results of Quality Evaluation 2026?

- › Do you have any other comments related to reporting the results of Quality Evaluation 2026?
- 18 Feedback can be provided through the online survey available here:
<https://www.surveymonkey.com/r/7TZ35CK>
 - 19 The feedback period will run from 5 May to 16 June 2023. The SRG will consider sector feedback and make its recommendations to the TEC in July 2023.
 - 20 The TEC will make decisions confirming its approach to reporting based on the SRG's recommendations and officials' advice. These decisions will be communicated to the sector when final Guidelines are released.

Unitec New Zealand Limited

Meeting of Te Komiti Rangahau o Unitec | Unitec Research Committee

Date of Meeting: 11 May 2022

Title	Annual Research Centre Reports
Provided by:	A/P Marcus Williams – Director Research & Enterprise
For:	INFORMATION

Recommendation

That the committee receives annual Research Centre Reports from the Centre for Research in Education for Healthcare Practitioners (CREHP), the Environmental Solutions Research Centre (ESRC), the Digital Heritage Research Centre (DHRC) and Ngā Wai a Te Tūi Māori and Indigenous Research Centre (NWaTT).

Information/Background

The Research Centre Procedure requires Unitec Research Centres, of which there are six, to report annually to the URC. Reports will include:

- a) performance against forecast budget and outputs; and
- b) evidence of external funding applications.

Reports were requested to a deadline of 28 April. Reports have not yet been received from the Applied Molecular Solutions Research Centre (AMS) or the Cybersecurity Research Centre (CRC).

Purpose

Unitec's Research Centre Procedure requires all Unitec Research Centres to report annually to the Committee.

Attachments

Annual Research Centre Report – CREHP

Annual Research Centre Report – ESRC

Annual Research Centre Report – DHRC

Annual Research Centre Report – NWaTT

2022 UNITEC RESEARCH CENTRE REPORT

Unitec's [Research Centre Procedure](#) requires Unitec's Research Centres to report annually to the Unitec Research Committee.

Research Centre:	Centre for Research in Education for Healthcare Practitioners
Centre Director:	A/Prof Samantha Heath

Outline any variations to the vision, mission, aims, priorities and/or distinctiveness of the Centre:

The vision for a collaborative research centre in which projects undertaken will provide healthcare professional educators with a range of evidence-based tools to support an education response to mitigating inequalities in health now and in the future remains. We have proactively supported staff who wished to further our understanding of education and the ways it is a vehicle to improving patient outcomes.

Vision Mātauranga aims "to unlock the innovation potential of Māori knowledge, resources and people to assist New Zealanders to create a better future". Provide an overview of how the Centre has responded to this kaupapa:

The evidence for disparity and inequality in health is overwhelming in every metric. Addressing these inequalities is a concern for all contributors to healthcare including education. We have worked proactively work towards developing relationships with Maori educators and researchers to ensure that the significance of the research is understood and that there is opportunity to generate a Kaupapa Māori perspective in the work undertaken or to support research that is Kaupapa Māori in origin. We have developed a partnership with Mrs. Haley Lowe (Tūhoe, Ngāti Raukawa) at the grant application stage of our Marsden Fund application. The intention is to strengthen our health education and research workforce and leadership through these relationships and to work together on solutions for education that will support Māori health through professional education and respects the distinct contributions that might arise from the innovation potential of Māori knowledge, resources and people.

Summarise any opportunities afforded to students to be involved in the Centre and its activities:

Our relationship with Dove House Hospice has provided an Osteopathy student with the opportunity to develop research skills whilst undertaking her Masters thesis. It has been supervised by staff from within the Centre, enabling capability development for staff undertaking supervisor roles.

Outline any changes pertaining to the management and operation of the Centre, including to the Centre's Advisory Board and personnel working in or with the Centre:

We have employed a Research Assistant and Research Associate for the research related to Future Nursing Workforce funded by MBIE. These are fixed term contracts, one ending in March 2023 and the other in December 2023.

Outline any changes to the Centre's research streams/themes:

There are no changes to the themes or streams at the centre this year.

Outline any changes to the Centre's internal and external partnerships/collaborations, highlighting any new partnerships/collaborations that have been made:

The Whitinga Fellowship has provided opportunity for engagement across a range of providers of healthcare for older adults. We have formed relationships across communities, charities and experts in their fields. They have been supportive of the work and keen to be involved. The HRC grant application has been undertaken with a private medical imaging service provider and if successful, this collaboration will be developed into the full study. We have developed a collaboration with Monash, Malaysia for the purposes of a future study about reducing ageism in the curriculum. We have a collaborative partnership with Haley Lowe within Vision Mātauranga.

Please list all submitted and successful external funding applications (a spreadsheet or similar can be appended if easier):

Funding source	Amount applied for	Project	Result
MBIE Whitinga Fellowship	\$320,000	Future nursing workforce	Successful Now in process
HRC ECR grant	\$250,000	Optimising diagnostic x-ray imaging technique using virtual clinical trials.	Submitted application
MBIE SMART ideas	\$1Million	Artificial Intelligence based software solution to predict individual outcomes of targeted radiotherapy	Concept submitted
Marsden Fast Start	\$360,000	Transitions for fatherhood in the New Zealand context.	EOI submitted
Marsden Standard	\$870,000	Mitigating the impact of ageism among pre-registration healthcare professionals using targetted educational interventions: A longitudinal study.	EOI submitted
MBIE SMART ideas	\$1Million	Personalised educational interventions to mitigate ageism	Concept submitted

		and improve effectiveness of nursing care	
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Please report on the Centre's annual budgeted versus actual income from the year of commencement of the Centre to the year ended 31 December 2022 (expand the table accordingly, or alternatively this information can be appended if you have it in a different format):

Income Source	Year Ending	Budgeted Income \$	Actual Income \$
Whitinga Fellowship	2022	\$160,000	\$160,000

Briefly account for any difference between budgeted and actual income:

Waiting for outcome on grant applications submitted.

If there is anything else you wish to report, please do so here:

Nothing

Please email your completed Research Centre Report to bmassey@unitec.ac.nz before **Friday, 28 April 2023**.

2023 UNITEC RESEARCH CENTRE REPORT

Unitec's [Research Centre Procedure](#) requires Unitec's Research Centres to report annually to the Unitec Research Committee.

Research Centre:	Environmental Solutions Research Centre
Centre Director:	Terri-Ann Berry

Outline any variations to the vision, mission, aims, priorities and/or distinctiveness of the Centre:

None

Vision Mātauranga aims "to unlock the innovation potential of Māori knowledge, resources and people to assist New Zealanders to create a better future". Provide an overview of how the Centre has responded to this kaupapa:

ESRC has connected with and been well supported by Mātauranga Maori researchers, students, communities and other groups. For example, our recent Endeavour fund application has included the following experts, groups and/or researchers; Professor Jenny Lee-Morgan (Pūrangakura), Dr Hinekura Smith (Unitec), Dr Nick Waipara (Plant and Food), Veraneeca Taiepa (Unitec) and Rebecca Gilbert (Cancer Society). This core team will work alongside ESRC to facilitate engagement with iwi and hapū to initiate and inform the format, context, and content of our communication with Māori. In particular, cultural safety agreements and IP protection will be in place before the start of the programme, ensuring the IP of our iwi collaborators, Māori knowledge holders and other indigenous peoples will be recognised and protected.

Summarise any opportunities afforded to students to be involved in the Centre and its activities:

Students from multiple schools have been involved in research projects with the centre. This includes students studying for their final year development project for BEngTech Civil degree, with the surveying diploma programme (NZDS) and also those on the Capstone project course within Computer Sciences. Student-led research has included; waste minimisation for construction research with Alex Bu (BEngTech) and Prajil Thomas (BEngTech); indoor air quality research with Cameron Brown (BEngtech), Vibesh Bhawan (BEngTech), Trudi Lapwood (NZDS), Davinder Kaur (Capstone, Comp Sci), Yuyan Zhou (Capstone, Comp Sci) and Yiwei Gu (Capstone, Comp Sci); asbestos research with Esha Jati (BEngTech).

Outline any changes pertaining to the management and operation of the Centre, including to the Centre's Advisory Board and personnel working in or with the Centre:

Penny Thomson has joined the ESRC on a part-time basis and is helping to lead two externally funded projects (SARNZ and PIF).

Outline any changes to the Centre's research streams/themes:

None

Outline any changes to the Centre's internal and external partnerships/collaborations, highlighting any new partnerships/collaborations that have been made:

Internally, ESRC has joined forces with Associate Professor Dr Samantha Heath to investigate plastic waste from Aged Care Centres which is to be externally funded by Bupa Aged Care. We continue to work with the other research centres in particular, Nga Wai a Te Tui, AMS and Cybersecurity. Externally, we are now working with Masterbuilders and Certified Builders on sustainable waste management practices, with GS1 on enhanced digital systems and with Mammoth Insulation on PET recycling options.

Please list all submitted and successful external funding applications (a spreadsheet or similar can be appended if easier):

Funding source	Amount applied for	Project	Result
BRANZ (Plastics)	172k	Sustainable Waste Mgmt	Approved
Plastic Innovation Fund	\$426k	Sustainable Waste Mgmt	Approved
MBIE Endeavour Fund	10.7 million	Asbestos managment	Due Sep-23
MfE WMF (Asbestos)	394k	Asbestos managment	Approved
Chemcare	5k	Asbestos managment	Approved
Mitre 10	5k	Sustainable Waste Mgmt	Approved
Plastics NZ	5k	Sustainable Waste Mgmt	Approved
HRV (2021)	55k	Indoor Air Quality	Approved
HRV (2022)	206k	Indoor Air Quality	Approved
WMiF (Auckland Council)	50k	Sustainable Waste Mgmt	Approved
Saveboard	5k	Sustainable Waste Mgmt	Approved
SARNZ	9k	Sustainable Waste Mgmt	Approved
MasterBuilders Auckland	5k	Sustainable Waste Mgmt	Approved
Bupa Aged Care	34k	Sustainable Waste Mgmt	Approved

Annual budgeted versus actual income from the year of commencement of the Centre to the year ended 31 December 2022:

Income Source	Year Ending	Budgeted Income \$	Actual Income \$
Waste Management Fund	2022	393,594	313,898
University of Auckland – Low cost sensors	2022	38,500	35,492
HRV Phase 1	2022	55,000	55,963
BRANZ	2022	149,052	79,964

HRV Phase 2	2022	206,247	1,646
ChemCare	2022	5,000	5,000
Auckland Council	2022	21,296	21,296

Briefly account for any difference between budgeted and actual income:

APART FROM ChemCare and Auckland Council, these projects are still active and therefore amounts are not finalised.

If there is anything else you wish to report, please do so here:

Please email your completed Research Centre Report to bmassey@unitec.ac.nz before **Friday, 28 April 2023**.

2023 UNITEC RESEARCH CENTRE REPORT

Unitec's [Research Centre Procedure](#) requires Unitec's Research Centres to report annually to the Unitec Research Committee.

Research Centre:	Digital Heritage Research Centre
Centre Director:	Renata Jadresin Milic

Outline any variations to the vision, mission, aims, priorities and/or distinctiveness of the Centre:

The establishment of the Digital Heritage Research Centre was approved in July 2022. The Centre is still being developed, and there are no variations to the vision, mission, aims, or priorities to report on.

Vision Mātauranga aims "to unlock the innovation potential of Māori knowledge, resources and people to assist New Zealanders to create a better future". Provide an overview of how the Centre has responded to this kaupapa:

In the research project proposals the Centre has developed so far, we demonstrated that our diverse team is always co-led by a Māori scientist, Prof Regan Potangaroa (Massey University), who directly contributes his tangata whenua knowledge, expertise, and advocacy for preserving Māori architectural heritage. In our work, we will be guided by a Kāhui Māori who will ensure the projects' aspirations around Vision Mātauranga are realised. If our proposals are successful and we are approved to continue our work, the tools that will be developed will assist with the Raetihi community's aspirations for the future of their town and its heritage. This aspect of the project will involve engagement with Ngāti Uenukumanawawiri of Ngāti Uenuku and Ngāti Rangi hapu. The hapū will be supported to actively co-design the creation of augmented reality heritage stories, allowing them to store their traditional knowledge and utilise and securely share their mātauranga in an online space.

Appropriate management of all mātauranga is an integral component of our work. Agreements will be sought from the outset, ensuring the IP and cultural safety of our Māori knowledge holders is recognised and protected. The team will abide by the Nagoya Protocol (2011) and acknowledge that sharing biological, ecological, and environmental data in support of innovation and generative economic opportunities must address the rights of Indigenous peoples.

Jadresin-Milic and Potangaroa (Ngāti Kahungunu ki Wairarapa) work closely together and have co-developed the project proposals. They operate as equal partners under pre-agreed values (including time, space, humour, persistence, generosity, and forgiveness). The whole Research Centre team is committed to honouring and upholding Māori perspectives and knowledge systems with profound reverence for Te Ao Māori, particularly as it relates to heritage and te taiao.

With Maia Ratana initially in 2021 and 2022, and with Regan Potangaroa gradually in 2022 and 2023, we continued to explore/discuss/draft papers and proposals, and find opportunities for Māori postgraduate students to engage with topics such as:

- Mātauranga Māori and digital storytelling;

- Analyse the ways in which digital technologies can be used in the representation and preservation of Māori heritage sites and buildings.

Summarise any opportunities afforded to students to be involved in the Centre and its activities:

Students have been actively involved in this work. Students take part in all phases of digital recording, processing, modelling of heritage places; in public presentations and engagement with the community, professionals in the field, and the research team.

One recent example is a joint contribution for the Resilient & Responsible Architecture and Urbanism (RRAU) – 5th Edition (our student Xingru Song is the first author):

- [Xingru Song, Paul Baragwanath, Sameh Shamout, Renata Jadresin-Milic. The power of communities as a Means of Preserving Heritage - The case of St. David, Auckland, New Zealand.](#)

Outline any changes pertaining to the management and operation of the Centre, including to the Centre's Advisory Board and personnel working in or with the Centre:

Since 21st and 28th November 2022, two research assistants have joined the Digital Heritage Research Center, Viola Vadász and Iman Khan. Viola and Iman are involved in the following:

- assisting with research project administration;
- assisting with surveys and focus groups;
- assisting with the evaluation of data;
- assisting with writing funding applications;
- assisting with writing research papers.

Outline any changes to the Centre's research streams/themes:

Not applicable at the moment.

Outline any changes to the Centre's internal and external partnerships/collaborations, highlighting any new partnerships/collaborations that have been made:

External:

We expanded our working network, which has been built between Jadresin-Milic and Potangaroa, to include Heritage NZ and Auckland Council – Heritage Unit, which have resulted in two recent events in 2023:

First, capturing detailed images and data of the historic Colonial Ammunition Company Shot Tower in Mount Eden, Auckland before it had to be demolished, therefore not only preserving an important piece of Auckland's history but also demonstrating the value of using cutting-edge technology to document and understand our past.

Second, a decision to establish a Digital Heritage Taskforce that will be highly based on Jadresin-Milic's existing network with industry professionals and community groups for better advocating for heritage preservation. Having a working network like this significantly increases the success of our project since it links and connects professionals hailing from every angle of the heritage sector.

Existing industry partnerships with Wood and Partners Consultants extended and developed further. Sam Smith and Maksym Khovalko, part of the Woods Survey and Data Products team, worked with Regan and Renata to process drone scans of the Shot Tower in Mount Eden.

New and strong connections have been developed with Human Interface Technology (HIT) Lab NZ at the University of Canterbury and Orbica Ltd (specialist for Digital Twins, Smart City, 3D mapping, analysis and artificial intelligence, and they pioneer novel methodologies in their regular business).

Internal:

We further developed a relationship with Sameh Shamout, who was included as a "Potential key staff member" in the Application for establishing the Center. With Sameh Shamout, we found the opportunity to work together meaningfully for the future of the country's heritage and developed three grant proposals together.

All previously mentioned partnerships and collaborations are evidenced already through the early dissemination of our joint work:

Dissemination in academic environment – Papers prepared for the Resilient & Responsible Architecture and Urbanism (RRAU) – 5th Edition:

- Renata Jadresin Milica, Iman Khan, Viola Vadász. Transdisciplinary Digital Heritage Research Centre Development: Applied Research towards a More Resilient Environment.
- Hanaa Moosa, Renata Jadresin Milic, Sameh Shamout. Developing the model of reuse of existing heritage buildings in New Zealand: Integrating Political, Social, and Economic objectives into Adaptive Reuse Strategies.
- Xingru Song, Paul Baragwanath, Sameh Shamout, Renata Jadresin-Milic. The power of communities as a Means of Preserving Heritage - The case of St. David, Auckland, New Zealand.

Dissemination in media and community so far:

- "Shot Tower saved for History", *Central Leader*, 20 April 2023.
- "Museum to acquire historic weathervane from CAC Shot Tower", *ourAuckland*, 03 April, 2023.
- "Drone footage used to make digital record of New Zealand's last standing shot tower", *Massey News*, 14 March 2023.
- "3D-tech helps preserve New Zealand's most important buildings", *ArchitectureNow*, 5 July 2022.
- "3D technology being used to save heritage buildings", *RNZ*, 25 May 2022.
- Lecture for ICOMOS NZ and Historic Places Aotearoa (April, 2022): "The Digital Realm and New Zealand Heritage: Bringing Architectural Theory and Practice into the Modern Architects Workflow". "Heritage Bites" - Digital lunchtime talks on historic heritage matters.

Dissemination in industry media:

- "Preserving History: Heritage Buildings Go Digital", *Property and Build*, September 2022.
- "Digitally driven heritage conservation", *Infrastructure. Engineering*, August 2022.

Please list all submitted and successful external funding applications (a spreadsheet or similar can be appended if easier):

Funding source	Amount applied for	Project	Result
Marsden Fund 2023 The Royal Society Te Apārangi	Phase 1: Expression of interest	"New Zealand's Cultural Heritage at Risk: A Trans-disciplinary Approach for enhancing Multi-Hazard Resiliency"	Pending
Endeavour Fund Research Programme 2023 MBIE	\$10.7m	"Transforming Heritage Conservation in NZ: A Transdisciplinary Approach for/towards a More Resilient Environment"	Pending

Please report on the Centre's annual budgeted versus actual income from the year of commencement of the Centre to the year ended 31 December 2022 (expand the table accordingly, or alternatively this information can be appended if you have it in a different format):

Income Source	Year Ending	Budgeted Income \$	Actual Income \$
Unitec ECR Fund	2022	\$24,500	\$24,500

Briefly account for any difference between budgeted and actual income:

In the Application to establish the Digital Heritage Research Center, we wrote that the centre would receive funding primarily from grants from central and local government agencies and from industry partners. The centre has been working closely with colleagues from Tūāpapa Rangahau to identify all funding opportunities that may include paid consultancies, student scholarships and hosting conferences and symposia. In December 2022 we submitted a Registration of interest for 2023 MBIE Endeavour Fund Research Programme funding.

Specific project milestones for future projects will have developed for Marsden Fund and Endeavour Fund Research Programme (both pending). We will continue to do this according to the timing requirements of individual grant schemes. Additional information about projects can be supplied on request and as they are prepared. Please note that we can have in-kind funding of ~\$100k from industry partners for professional services, specialist expertise and access to specialised equipment.

If there is anything else you wish to report, please do so here:

Nothing at the moment.

Ngā Wai a Te Tūi, Māori and Indigenous Research Centre 2022 Annual Report

Whakakitenga: Our Vision
He pukenga wai, ka puta he tāngata. He pukenga rākau, ka puta he kōrero.
Whakatakanga: Our Mission
To lead innovative Kaupapa Māori research that contributes to te puna mātauranga and supports flourishing whānau, hapū, iwi, marae and Māori communities.
Ngā Whāinga: Our Goals
<ol style="list-style-type: none"> 1. To sustain sources of mātauranga. 2. To activate Kaupapa Māori research with communities. 3. To provide rangahau opportunities that enable intergenerational knowledge transmission. 4. To grow Kaupapa Māori research confidence, capability, and capacity.

Established and directed by Prof. Jenny Lee-Morgan in 2019, Ngā Wai a Te Tūi (NWaTT) continues its vision to lead transformative and innovative Māori and Indigenous research that responds to the needs and aspirations of whānau, hapū, marae, iwi, and communities. NWaTT engages in multi-disciplinary Kaupapa Māori research with a community and vocational research focus to centre mātauranga Māori (the goals, aspirations, and issues from an indigenous lens) using Māori concepts, knowledge, theories, and practice to advance and respond to contemporary issues within society.

2022 saw significant change at NWaTT following the resignations of centre director Prof. Jenny Lee-Morgan and Prof. Leonie Pihama and the subsequent novation of several millions of dollars in externally funded projects. The loss of these projects to Unitec Te Pūkenga subsequently resulted in a significant decrease in administration and project / contract management capacity. In total NWaTT has gone from 32 staff employed on permanent, fixed term, research contracts and supplier contracts across nine research projects in 2020 to 1.8 FTE Māori academic staff; .6 FTE admin and .2 FTE contractors. The current staffing is outlined here:

- Dr Hinekura Smith (Te Rarawa, Nga Puhi) 1FTE senior lecturer, senior researcher, centre director
- Irene Kereama-Royal .6FTE research partner
- Dr Nalani Wilson-Hokowhitu (Marsden Fast Start)
- Allana Goldsmith (Ngati Porou, Ngai Tai) .6FTE research administrator.
- Kim Penetito .2 contractor to TLRI project 2023-25
- Assoc. Prof. Byron Rangiwai (Tuhoe) .2 research secondment for 2023

NWaTT continues in its efforts to first stabilise the centre then revision our purpose moving forward given the turbulent and uncertain positioning and restructure of research within Te Pūkenga. With increased organisational support, a significant investment in policy and procedures that enable rangahau and research and the ability and autonomy to direct research, NWaTT has the potential to lead rangahau Māori across the sector.

Despite our reduced capacity, NWaTT remains a centre of mātauranga Māori and Kaupapa Māori research at Unitec Te Pūkenga. This includes 8 Kaupapa Māori summer internships, Kaupapa Māori co-supervision relationships, and postgraduate support through MAI ki Wairaka, a Māori postgraduate network programme funded by Ngā Pae o te Māramatanga, Aotearoa New Zealand's Māori Centre of Research Excellence.

The Centre is funded by external research projects, and it is through the critical collaboration with external partnerships that NWaTT aims to continue its self-sustainable viability. Recognition is extended to these partnerships and organisations who funded research projects in 2022-3:

- » TLRI (Teaching, Learning and Research Initiative)
- » Ngā Pae o te Māramatanga
- » Te Whatu Ora Health New Zealand

Active Nga Wai a Te Tui research projects include:

1. **MAI ki Wairaka:** The Māori and Indigenous (MAI) postgraduate student programme is a nationally organised network comprising of key sites throughout Aotearoa New Zealand that supports student success. MAI ki Wairaka was established in 2020 – the first ITP situated MAI site in the Te Kupenga o MAI national network – and is funded by Ngā Pae o te Māramatanga (NPM), Aotearoa New Zealand's Māori Centre of Research Excellence, MAI ki Wairaka works closely with Unitec's MAIA whānau to support MAI postgraduate students through Tuhi MAI (Friday academic writing sessions), guest speakers, workshops and writing retreats, attendance at the annual MAI conference. The programme promotes capability building outcomes and focusses on the specific student support requirements and models to accelerate and foster the success of MAI postgraduate students.

November 2022 MAI ki Wairaka hosted a highly successful MAI conference at Te Noho Kotahitanga (see report to Nga Pae attached).

Academic lead: Dr Hinekura Smith
Coordinator: Victoria Carran (.2 FTE)
2022 funding: \$12,000

2. **Nga Wai – Te Whatu Ora Summer Internship:** A funded collaboration with Te Whatu Ora Health New Zealand, NWaTT facilitated this internship for the second year. Its objectives seek to engage and enable Māori communities' right to self-determine health and wellbeing and to increase capability and capacity in the health research workforce in Aotearoa New Zealand. This project provides a 4-month Kaupapa Māori researchship

centered around Māori health and wellbeing promotion which ran from the beginning of December 2022 to the end of March 2023.

Principle Investigator: Dr Hinekura Smith

2022 Funding: \$130,000

Funding Agency: Health Promotion Agency

3. **Toiora Hauora: Developing Māori arts-based pedagogy for whānau wellbeing:** An inter-institutional scoping research collaboration funded by Nga Pae o te Māramatanga (CORE). Toiora, Hauora is a Kaupapa Māori arts-based collaboration to theorise the pedagogy of Māori creative practices that support flourishing Māori whānau wellbeing. This innovative research centres Māori arts-based practice 'as teacher', bringing together three established Māori arts scholar-practitioners (myself, Dr Donna Campbell and Dr Jani Wilson) to expand the currently under-researched field of Māori pedagogies, and to highlight the critical role of Māori arts practice and pedagogy to grow well and flourishing Māori futures.

Principle investigator: Dr Hinekura Smith

2022 funding: \$60,000

Funding agency: Nga Pae o Te Māramatanga (CORE)

4. **Toi ora, Reo ora, Whatuora:** a two-year TLRI funded educational research project across three Māori immersion kura settings in central-West Auckland to address the following research question:
 - How does Whatuora, a Kaupapa Māori arts-based pedagogy, support, and story the intergenerational revitalisation of Māori language, culture, stories and whānau aspirations, across three Māori medium settings?

This project is a unique intergenerational wānanga arts-based project.

Principle investigator: Dr Hinekura Smith

2022 funding: \$224,650 31/3/23 to 31/3/25

Funding agency: TLRI Teaching Learning and Research Initiative

Storylines of Pacific Women: Two-year Marsden Fast Start project to explore the complex roles that women have played in voyaging, migration, movement, identity, places and displacements, diasporas and connections. The research hopes to restore the legacies of legendary Pacific Island women voyagers and navigators by retracing the voyaging storylines of Pacific women with a commitment to researching the connections between Hina/Hine/Ine/Sima/Sina and Nim'anoa throughout Oceania.

Research dissemination and conference contributions:

The impact of Covid-19 during 2020 caused many conferences and symposiums to be cancelled or rearranged to be held online. Despite this NWaTT, in between lockdowns, were able to host and attend a number of conferences and wānanga throughout the year. These included:

- Attendance and presentation at NAISA (Native American and Indigenous Studies Assoc).

- Attendance and presentation at WIPCE (World Indigenous Peoples' conference on Education), Adelaide Nov 22.
- Attendance and presentation at AARE (Australian Assoc. of Research in Education); Adelaide Dec 22.
- Hosted MAI ki Wairaka Māori and Indigenous post-grad and doctoral conference. 130 attendees including Indigenous students from Australia and Hawaii.

NWaTT research awards and distinctions:

- Unitec award for Kaupapa Māori teaching excellence
- Unitec research award for research excellence

NWaTT - External Research Income

In total, Ngā Wai a Te Tūi generated \$640,432 in external research income in 2022 and won four new grants with contract value of \$426,650:

Income Source	Year Ending	Budgeted Income \$ (Project to Date)	Actual Income \$
Puni Reo	2022	59,950	60,443
Te Kupenga o MAI - Mai Ki Wairaka	2022	20,000	7,255
Mana Kainga	2022	105,000	9,3335
Hi Hi Ko Mangarautawhiri	2022	172,199	156,215
Urban Resilience	2022	10,000	1666
Manaki Tanga	2022	30000	27,673
Storylines of Pacific Women	2022	300,000	143,811
Hono MAI Matariki	2022	6,000	2,500
Manaki Rangatahi	2022	40,000	39,514
Te Hiringi Hauora internship Programme	2022	70,000	70,000
Kounga MAI	2022	134,947	18,771
MAI Conference	2022	18,000	19,249
Totals		\$831,149	\$640,432

FINAL REPORT
December 14th, 2022

Whaia nga tapuwae o Wairaka - Follow in the footsteps of Wairaka

MAI conference November 17-20, 2022
Hosted by MAI ki Wairaka, Unitec, Auckland

Organizing committee:

Dr Hinekura Smith	Director Nga Wai a Te Tui (NWaTT), MAI ki Wairaka academic lead
Keisha Rawri	MAI ki Wairaka coordinator .2 (FTE funded by NWaTT)
Victoria Carran	MAI ki Wairaka member and .2 FTE conference organisation (.2 FTE funded by NWaTT)

Support in kind by:

Tuapapa Rangahau (Unitec Research Office)
Marketing (Taiha)
NWaTT admin Jo Gallagher and Bernie Lee-Young
NWaTT staff and MAI ki Wairaka students Kim Penetito; Allana Goldsmith; Irene Farnham; Taoi Eruera; Kahurangi Eruera.
Pukenga and Te Noho Kotahitanga Marae staff in particular Hohepa Renata; Lynda Toki; Darlene Cameron; Camilia

Context and Background

[Formal comms from Unitec communications team to Te Pukenga networks]

The innovation and determination of Māori and Indigenous post graduate students will be celebrated at the MAI Doctoral Conference this month. Ngā Wai A Te Tūi Māori and Indigenous Research Centre (NWaTT) and MAI ki Wairaka supported by Ngā Pae o te Māramatanga will host a contingent of Doctoral students from universities across the country, including representatives from Australia and Hawaii.

The conference will bring together the brilliant minds of Māori and Indigenous scholars and provide a dedicated forum to share research, knowledge and experience while demonstrating the value of Indigenous and kaupapa Māori research. NWaTT Director, Dr Hinekura Smith (Te

Rārawa, Ngāpuhi) says the significance of the whenua surrounding Te Noho Kotahitanga Marae has been implemented as an inspirational theme for this year's event.

“Wairaka was a formidable, courageous and highly intelligent ancestral leader of Mataatua Waka. Te Wai Unu Roa o Wairaka (The Long Drinking Spring of Wairaka) sits beside our marae etching the footprint of this tūpuna into the whenua. Wairaka was unique and ahead of her time, she was brave and bold and her story we hope will help inspire our attendees and encourage more Māori and Indigenous students to take this journey.”

Te Kupenga o MAI was established in the 1990s by Professor Graham Smith and Professor Linda Smith after recognising a severe lack of support for Māori and Indigenous Postgraduate students. The support network now spans across the entire country with the MAI ki Wairaka network being one of the latest additions to the kaupapa.

At the launch of the MAI ki Wairaka network during Matariki last year, Ngā Pae o te Māramatanga Co-Director, Professor Linda Waimarie Nikora (Te Aitanga-a-Hauiti, Tuhoē) welcomed MAI ki Wairaka to the MAI whānau, “you are all now part of a national whakapapa, an enduring whakapapa that goes back to some fiercely committed and passionate leaders, many who have since passed on but we will bring them forward with us into your lives to help you be strong on this journey because you are the leaders of the future.”

Attendance / registered to attend

MAI ki Wairaka	17/18	
MAI ki Aronui	5/12	
MAI ki Otago	11/13	
MAI ki Pōneke	10/10	
MAI ki Te Wānanga o Aotearoa	1/2	
MAI ki Waikato	2/3	
MAI ki Waitaha	3/5	
MAI ki Manawatū	5/12	
MAI ki Te Tai Tokerau	5/6	
MAI ki Aoraki	2/2	
MAI ki Tāmaki	8/15	
University of Melbourne	4/4	
University of Queensland	4/4	

University of Hawai'i	5/5
Fullbright	2/2
Maia	6/6
Pūrangakura	1/1
Te Pūkenga	1/3

Total = 95 attended out of 123 who had registered

An overview of student presentations is attached in Appendix one listed with students name, MAI site, presentation title and keywords. The chart in Appendix one offers an excellent snapshot of the interdisciplinary nature of MAI students across the network. Each annual MAI hui is an opportunity for students to step out of their own research field and institution to connect engage with diverse research.

Te Kupenga o MAI Graduates and Submitters

At each MAI conference we celebrate those who have submitted and graduated over the previous year. MAI coordinators are asked to seek permission from each grad / submitter to send in a powerpoint slide with a name, iwi affiliations, supervisors, thesis title and synopsis. On the last evening of the hui each site stands as a whanau to acknowledge their graduates. Those graduates who attend in person this year were gifted a small pounamu (from conference funds) and a Nga Kete Matauranga book donated by Dr Hinekura Smith (see recommendations re future graduate gifts).

This year Te Kupenga o MAI saw 36 PhD / EdD graduates and 4 Masters graduates. Ka nui te mihi ki a ratou.

(see separate PDF attached for TkoM Graduate slides)

Budget overview

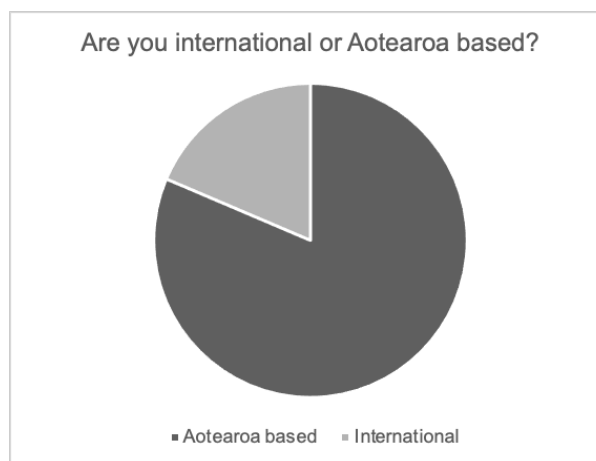
Item	How Many	How Many Days or Hours	Cost	Total	OUR NEW TOTAL
Outgoings					
Unitec Shuttle Vans	2	1x 8 days and 1x 4 Days	\$50 per van per day	\$600	Paid in kind by Unitec Tuapapa Rangahau

Koha vouchers			\$1,200	\$1,200	\$1,200
Kaimahi Jerseys	30		\$47.92	\$1,653.24	\$1,653.24
Wā Kai including additional person	150	x3 days		\$21,854.00	\$21,854
Te Noho Kotahitanga Ngākau Māhaki hireage		x4 days	\$1100 per overnight stay & \$800 full day hireage	\$3,800	Paid in kind by Unitec Tuapapa Rangahau
Papa Ho Carved Taonga - Key Notes	6		\$200 per taonga	\$1,200	\$1,200
Koha Ihumātao Haerenga			\$1,500	\$1,500	\$1,500
Airport Shuttle drivers koha	8		\$50 voucher each	\$400	\$400
Bus + bus drivers (Haerenga)	2	1/2 day 50 seaters	Unsure of costs	?	Taiha - Marketing
IT Support	1	1/2 day	\$230 Saturday Only	\$230	Paid in kind by Unitec Tuapapa Rangahau
Marcel - Videographer				\$1,000	\$1,000
Weights marquee	6	x4		\$200	Paid in kind by Unitec Tuapapa Rangahau
Food shopping			Morning Tea Costs	\$388.50	\$388.50
Printing			150 lanyard cards -3x A1 programmes - 30 programme copies- 20 parking tickets	\$200	\$200
Coffee Card or Tea Cost	150		\$5.50 each	\$200	\$200
Conference T shirts for Kaimahi	30		\$29.74 each t-shirt	\$1,026.03	\$1,026.03
Income					
University of Melbourne	4		150 NZD	\$600	\$600
University of Queensland	4		150 NZD	\$600	\$600
University of Hawai'i	4		150 NZD	\$600	\$600
Nga Pae Funding					\$30,000
Total Outgoings				\$35,451.77	\$30,621.77
Total Income					\$31,800

Feedback was gathered via an online survey at the end of the conference

Survey feedback

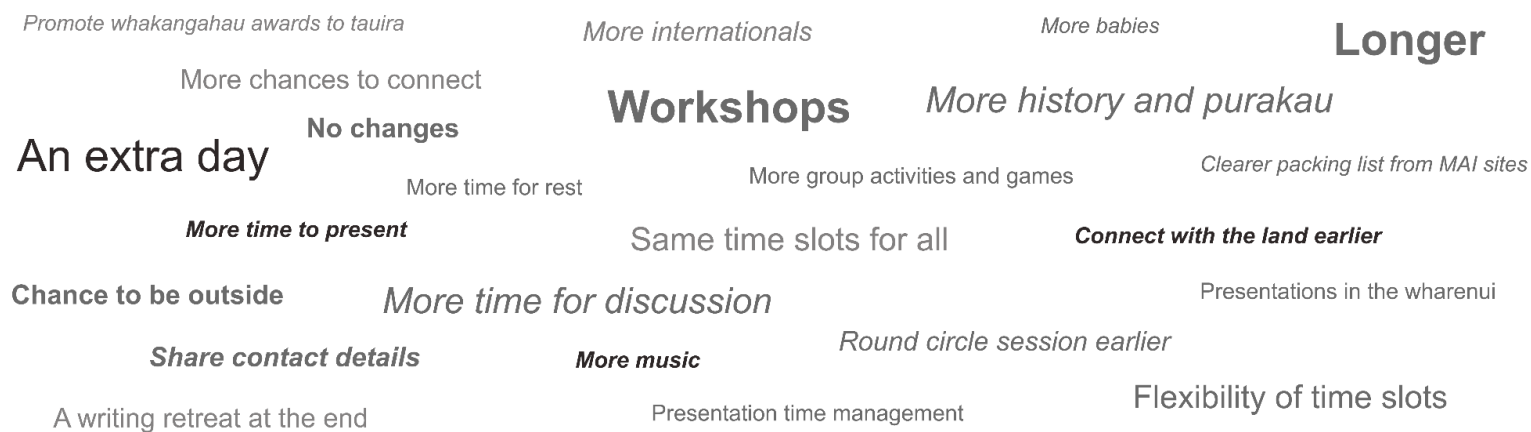
How Many MAI Conferences have you attended?	
1	27
2	9
3	2
4	4
5	0
6	1



What did you most enjoy about the hui?



What could have been done differently?



What suggestions do you have for events, activities or spaces to better connect MAI scholars throughout the network?

More structured social events

Alumni event

Discuss the impact of MAI conferences on students

Games night

MAI LinkedIn Group

Writing retreats

Attend external conferences together

More opportunities to meet

Zoom seminars

Tuakana/teina support system

Social media group

MAI Podcast

Shared contact details

Connect ropu for noho

Newsletter

Keep out international friends in the loop

Exchange opportunities

MAI Social Club

Chances for us academics to get our hands and feet in the soil

Collaboration opportunities

Regional events

Opportunities for reciprocity

MAI mentoring network

Networking events with creative workshops and traditional practices

MAI virtual hub

Feedback received following the conference includes:

- from an Associate Professor Unitec colleague:

Kia ora tātou

It was my absolute pleasure and honour to have been invited, by Dr Hinekura Smith, to attend the Māori and Indigenous Doctoral Conference at Te Noho Kotahitanga marae (Thur-Sun).

Hinekura and her team did an outstanding job as conference organisers. The conference included Indigenous international and national doctoral students. We were also privileged to have with us, Professor Tracey Bunda – an Indigenous scholar based at Queensland University.

I commented at the conference that being in that space with other Indigenous peoples was the most transformative experience I have had at Unitec to date. (Nov 20)

From the University of Queensland:

Hi Hinekura, I wanted to touch base with you and give my heartfelt thanks for your offer to our students and then the wonderful hospitality offered to them ... The students and Mary have certainly fed back to me their love of you so again thank you. I think it is always a challenge to balance community, institution and the many other agendas that may be at work (Nov 26)

From University of Hawaii, Manoa

Kia ora Hinekura and Moni,

First of all, a big thank you for a fabulous conference, our Hawai'i students absolutely lloooovveeddd it and it was so nice to (re)connect with everyone!!

I just wanted to signal now that the students would love the opportunity to return for conference next year, although more planning would be required on this end given the funding situation here and fabulous location out of Auckland.

So just (re)connecting and putting that out there now 😊

Highlights:

- The opportunity to meet in person for the first time in 18months
- The largest MAI annual conference in over 10 years
- Te Noho Kotahitanga Marae offered an excellent venue wiht many commenting on what a privilege it was to stay there
- The 3 hour hikoi / trip to Ihumaatao to meet and listen to Pania Newton, to walk on the whenua and hear the struggle and triumph of the land protectors. Despite three days of constant rain, and the reality that we may need to canel, the weather

was glorious for the three hours we were at Ihumaatao. During the wrap up session many commented that this hikoi was a highlight.

Recommendations

Hosting the conference was a privilege and despite the work to organise the kaupapa with a very small team was also very enjoyable. The kaupapa exceeded our expectations. We also learnt some lessons during the process and offer the following recommendations:

- To change the name and framing of the conference to hui-a-tau
 - TKoM is a site / whanau based network therefore only those MAI students who connect to a site - in some way - should be able to participate vs the commonly viewed idea of a conference where registrations are open to all interested to register. Key here is that the hui is FULLY FUNDED TO SUPPORT MAI STUDENTS.
- As TKoM grows numbers may need to be capped to fit within the \$25k budget (\$30k for larger or special event annual hui)
- It may be necessary to consider a nominal charge \$50-\$75 per attendees to address the rising cost of hosting the annual hui
 - Also there were a number of no shows or sites who registered for several spaces then did not have students attend - many were explained as sickness or a change in situation. This put pressure on the budget, in particular catering. And meant other sites were limited to smaller attendee numbers.
 - The nominal charge could be covered by MAI site budgets however we would recommend each student offers this as a koha (\$50 is less than it costs to feed one person for three days)
- Consider running concurrent sessions to allow more time for each presenter to develop ONE idea to share from their research
 - Student presenters need to be supported by MAI coordinators to adjust presentations to the given format i.e many tried to squeeze too much in to a short time rather than pick one idea to share.
 - Encourage MAI sites to practice beforehand.
- Consider offering other presentations formats such as posters to allow more students to share and connect research
- There needs to be more space to wananga i.e timetable in space for students to 'organise' themselves in their own discussion groups
 - For example an interesting discussion began around the challenges of supervision which would have benefited from further discussion.
- The cost to buy taonga to celebrate grads and submitters either needs to be budgeted for from the conference or approach Nga Pae for funding. This year we had 14 in person grads x \$50 per pounmau = \$700. Books were donated by Hinekura

Appendix 1

Overview of MAI student presentations

Name/iwi	MAI Site	Presentation Title	Keywords
Nancey Crookes	Manawatu	Purpose and meaning in life in older New Zealanders (55-95yrs)	Health; worldviews; influence of religious and secular practices and activities;
Deanna Haami	Manawatu	Te Pu: tracing the origins of intergenerational trauma in whakapapa	Intergenerational trauma; legs; foundations; healing.
Claire Dowsett	Otago	Community Values for Poaka Puihi	Poaka, Kai, Hauora, Ngahere, Biodiversity, Conservation

Alice-Roza Eruera	Otakou	Structural investigation of norovirus mature and precursor enzymes	Viruses, enzymes, atomic structures, biophysics, chemistry, viral evolution
Jordon Lima	Ōtākou	Māu tēnā kīwai o te kete, māku tēnei (Equitable applications of ctDNA to the Māori population).	ctDNA, bowel cancer, liquid biopsy, hauora Māori, cancer genetics
Georgia McCarty	Ōtākou	Te Kupenga o Hauora Rangatahi Māori	Rangatahi, child/youth, hauora, health and wellbeing, health-related quality of life (HRQoL) measures
Paia Taani	Otago	I ahatia taku reo Māori: Tracking intergenerational transmission of te reo	Te Reo, transmission, intergenerational
Sarika Rona	Manawatu	Pūrākau of learning experiences in the everyday lives of whānau – paying attention to the ordinary in our extraordinary lives	Pūrākau,

Te Ohore Chrysal O'Connor (Tainui, Ngāti Hauā Hauraki Ngāti Paoa)	Āoraki	Edible Insects, diet and proteins to explore the potential of a value-added product to improve human health	Insects, eating insects for sustainability. Huhu grub, mānuka beetle, baby cicada, rongoā, medicinal value in insects that eat plants,
Hoani Smith		Basketball – Load management: Internal & external characteristics of male & female.	Psychology in sport, physiology, sport science and technology, GPS monitoring, blood flow restriction training
Coral Wiapo (Ngāti Whātua)	Taitokerau	Whakapapa of Māori nursing in Aotearoa New Zealand	Whakapapa, Māori nursing, structural and racial barriers historically and now, future nursing practice, disrupting the barriers to Māori nursing,

Nora Parore	Taitokerau	He tomo whakapiki ora: Whānau and pharmacists knowledge exchange	Whakapapa framework, Māori pharmacists (2%), intersect between pharmacy and M, decol pharmacy, whenua, pharmacy policy and practice – how to improve re hauora Māori
Jasmine Simpson (Ngāti Rangiteorere)	Taitokerau	One small step for tamariki, one big step for Māori	Māori education, Active School Travel, Māori academic success and hauora. Systemic contributions Māori school commute methods and their repercussions on their success and mental and physical health and wellbeing.
Davina Cooper	Taitokerau	Wāhine Māori education leaders critical agents of social change	Māori education, agents of social change, wāhine Māori, experiences in education of Māori women leaders, realities and complexities for wāhine Māori

Wiki Walker-Hockey	Taitokerau	Te Mana o te Ao Tūroa hei tupu i te koru: He tirohanga whakaaro	Māori economies, Māori economies through a Māori lens – connected to the environment, autoethnography, koru economies (framework for conceptualising the economy), going back to the “patterns” we can find the answers we need, kaitiakitanga,
Keisha Rawiri	Wairaka	An architectural response to upholding Tau Henare marae	Architecture, marae, design, restoration,
Marcell Croul	Wairaka		KM filmmaking and video production processes, music videos, photography, kaitiakitanga (protection of dignity/images), images as a rep of whakapapa,
Allana Goldsmith		Exploring taku reo waiata (my singing voice) with a jazz music context from a kaupapa Māori research perspective	Māori music, composition, improvisation, voice, taonga pūoro, KM approach to music composition,

Kahurangi Eruera		He pou Herenga waka	Reclaiming the land and spaces, codesign process, Whangārei, KM co-design, health, wellbeing, connection, architecture, urban marae, whenua
Deborah Heke Lilly Bartlett	Aronui	Mahi a wānanga: A mana wāhine-led collaboration to co construct meaning	Basketball/sport, wāhine Māori in sports, cultural capability, mahi-a-wānanga, wairua-cost to wāhine for being movers and shakers in the Māori world (doing it all!), knowledge transmission, wānanga, kete, transformation,
Chien Ting	Aronui	Hegemonic power: The unseen obstacle in Indigenous language revitalisation	Taiwanese Indigenous language revitalisation, Linguistic Stockholm Syndrome (LSS) – where there is no resistance to the dominant power/language (emotional bond between oppressed/oppressor re Indigenous language), power-imbalance, reliance of victim on the abuser,
Zena Elliott	Aronui	I wasn't born to wear a black skirt. I was born to carve: A practice-led research project inquiry into the experiences of takatāpui and carving	Takatāpui, whakairo, gender fluidity, art, identity, mana wāhine, impacts of colonisation, mana wāhine/takatāpui/gender fluid experiences and perspectives of whakairo,

Zak Waipara	Aronui	Te Haerenga: The magic of Māui: Transforming and shapeshifting pūrākau Māori	<p>Illustration, storytelling, social issues, Māui, Māuri as an exemplar of innovation, apotheosis/the ordeal/transformation/new life/return with the Elixir – the hero story,</p> <p>Methodology (kauae runga), methods (kauae raro)</p>
Three presenters (did not capture names)	Hawaii		<ul style="list-style-type: none"> · Native food restoration, Native Hawaiian and indigenous health · Reconnection to Hawaiian culture, indigenous health, environmental connectedness and relatedness, public health, librarianship, epidemiology, bibliometric analyses on Native Hawaiian health research, need to amplify Native Hawaiian voices in the academy · Psychology, cognitive behaviour therapies,
Mary Waria	Queensland		Supports Indigenous students

Emma Olssen	Queensland	Tokenism or diversity:	Indigenous peoples in professional roles, identified or non-identified roles, recruiting and retaining, Appreciative Inquiry (methodology), Collaborative Yarning (method)
Antoinette Cole	Queensland	Changing the narrative: Leaders than enable culturally responsive school communities	Anti-deficit discourse, Indigenous education, cultural responsive pedagogies, building capability of teaching workforce, cre
Any Thomson	Queensland	How can the principles of self-determination and co-design influence subject English educators in urban private schools in their embedding of Aboriginal and Torres Strait islander cultures, histories and perspectives?	Schooling does not determine our worth, teaching of colonial texts on Indigenous land, embedding of Aboriginal and Torres Strait islander cultures, histories and perspectives,
Amba-Rose Atkinson	Queensland	The relationship between the health and wellbeing of Country, climate, and First Nations Peoples	Healthy country – healthy people, health-environment-climate,

Sally Rye	Te Wānanga o Aotearoa	<p>Rongo ā Puku: Puku as a source of intelligence to inform wellbeing</p> <p>Haere Puku Establishing knowledge</p> <p>Noho Puku Planting the knowledge</p> <p>Puku Ora Pursue knowledge</p>	<p>“Ko koe te rongoā” (Māmā), rongoā Māori, karakia, senses, we can change the state/mauri of the plant through karakia, gut health (Māori view), fermenting and preserving food, environmental health and kai gathering, connections of kai/gut health and general health, DNA caps,</p>
Keely Walsh	University of Melbourne	<p>Envisioning the ideal service model for people with lived experiences of trauma and psychosocial disability: a critical social work inquiry.</p>	<p>Psychosocial disability, culturally sustaining model for ideal service of those experiencing psychosocial disability, trauma informed care</p>
Jo Luke	University of Melbourne	<p>Public health research, evaluation and evidence-based practice methodologies in Aboriginal and Torres Strait Islander settings. Past, present and future.</p>	<p>Evaluation and implementation science, history, ethics of public health practice</p>

Wairehu Grant	Waikato	Three chord rebellion and the white cloud: Examining Indigenous punk identities in Aotearoa	Punk music and te ao Māori, Te Hihiri methodology – the process of “coming to know”, punk (tearing things apart and putting them back together in new ways), Indigepunk (found in online communities), kanohi ki te kanohi reciprocity, intersectionality,
Te Kerekere Royal	Tāmaki	Urban manuhiri urban tūrangawaewae	Whānau-based methodologies, mātauranga-a-whānau methodological approach, purpose and obligation (two pou),
Kat Poi	Tāmaki	(tūpuna kōrero – presentation as planned not presented) Speaking back to white fragility	Race, white fragility, deep-contradictions, whakapapa-literacy, whiteness,
Hannah Rapata	Tāmaki	Te kai ora a Kāi Tahu: Exploring Māori nutrition data sovereignty and Kāi Tahu rakatahi aspirations and whakāro on kai	Kai sovereignty, data sovereignty, what will Kāi Tahu kai sovereignty look in the future, Te Wharerau research framework – octagon wharehau with eight pou all of whom are wahine, methodology: MM, whakapapa, Māori ways of doing, research background,

Georgia McLellan	Tāmaki	What going back home taught me about my PhD - 2 things in 3 minutes	Whakatōhea green-lip economy, whakapapa as a lens, application of whakapapa to economy, research is everything, everywhere all at once,
Aotea Te Arai Frandi	Tāmaki	Mai i te whaiao kit e ao mārama: The exploration of difficult and traumatic birth from a wahine Māori perspective	Te korekore – pre pregnancy Te po – pregnancy Te whaiao – labour Te ao marama – post- birth Improve birth and postnatal experiences for Māori
Ashlea Gillon	Tāmaki	Mana tinana,	Fatness, fat studies, Māori fatness, Hinenuitepō – inspired by, body sovereignty, fat-biases,
Rachel Tapera	Tāmaki	Exploring the social effects of neurodiversity for African migrants in Aoteaora	Methodology combines values of Ubuntu, Māori values, and social constructivism (weaved together as a basket), lives realities of neurodiverse African migrants, Te Tititi is the foundation of access to services, systems need to reflect te ao Māori which will benefit all, systems should embrace super-diversity and multiculturalism, ethnic minorities should be included in policy, dialogue, and research

Nayte Davis	Pōneke		
Tatyna King-Finau (Māori/Tonga)			Takatāpui excellence, takatāpui joy, loving and knowing, how to harness the power of communities,
Ellie Rukuwai	Pōneke	Rangatahi Māori experiences and understandings of perfectionism and non-suicidal self-injury	
Bailey Rose	Pōneke	Understanding the experiences and needs of Māori with eating disorders	
Ria Holmes	Pōneke	Te Tiriti o Waitangi, tikanga and employment: Intersections and pathways for inclusion	

Erin Roxburgh-Makea	Pōneke	The expression of Māori values through modes: A study of human interaction in Māori governance meetings	
Hine Funaki (Māori/Tonga)	Pōneke	Ngā manu ā Tāne – the intellectual life-worlds of Māori doctoral students in Aotearoa: an ethnographic study	De-normalising Making the familiar (in the universities) strange Te Wāhi Ngaro, the senses, Whakapapa Kōrero methodology
Ethel Renata	Pōneke	A Kaupapa Māori approach to digital technology	Whakapapa, digital technologies, digital knowledge, digital sovereignty, pepeha,
Finley Johnson	Pōneke	A Māori wellbeing measure	Māori wellbeing, Braided Rivers Approach, Creating a way of measuring health and wellbeing outcomes for Māori
Te-Rina King-Hudson	Waitaha	Big impacts at the small scale	Science, structure and biophysics of a bacterial protein, developing new antibiotic drugs,

Russell Harrison	Waitaha	The shifting narratives of Indigenous men	Māori success, father's narratives,
Dr Jake Campbell Dr Grace Walker (Journal editor for: https://journalindigenouswellbeing.co.nz/ & co-editor New Zealand Population Review Journal)	Waitaha	Towards better diabetes care	Māori diabetes management, consultancy, insulin pump (low cost), building insulin pumps (designed with Māori), non-invasive blood glucose testing (non prick), data sovereignty,

Te Komiti Rangahau o Unitec | Unitec Research Committee Self-Assessment

Purpose: NZQA requires the Committees of Unitec's Academic Board to provide evidence of self-assessment.

Te Komiti Rangahau o Unitec Self-Assessment Provocations

- Can we improve the way the committee is run?
- Is time well managed?
- Are issues under discussion well-handled and resolved?
- Are the agenda and minutes well handled?
- Are the perspectives of committee members respected and heard?
- Are actions completed and accounted for?
- Were there matters raised and dealt with in the meeting that were particularly helpful or unhelpful?
- Does the committee oversee and ensure compliance within its mandate?
- Does the committee show foresight and proactively engage in continuous improvement?
- Does the committee review and improve the relevant policies, guidelines and regulations?