



agenda

Te Komiti Rangahau o Unitec | Unitec Research Committee

Date:	2022-11-10
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. Honorary Research Fellowship Application – Dr Matt Renner
2. Honorary Research Fellowship Application – Dr Judy Nicholson
3. 2023 URC Work Plan
4. 2023 ECR Fellowships Grants Advisory Committee Membership

SECTION 4 WHAKAWHITI KŌRERO | ITEMS FOR DISCUSSION

1. 2023 URC Membership

SECTION 5 NGĀ TUKUNGA | ITEMS TO RECEIVE

1. Call for Nominations: PBRF Panel Co-Chairs and Initial Panel Members
2. 2023 URC Meeting Dates

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
Dr Catherine Mitchell (Early Career)	Nominee of Director, Māori Success
Dr Helen Gremillion (Associate 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 (Associate Professor)	Computing and Information Technology
Dr Leon Tan (Associate Professor)	Creative Industries
Dr Kristie Cameron (Early Career)	Environmental & Animal Sciences
Dr Mitra Etemaddar	Applied Business
Robyn Gandell (Early Career)	Bridgepoint
Subject Librarian (representation rotates)	Learning and Achievement
Vacant	One member nominated by the Student Council
Arun Deo	Research Advisor

In attendance: Brenda Massey Acting URC Secretary

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 2022-10-13.

Section 2.3 Mahia Atu | Matters Arising

N/A

SECTION 3 MEI HEI WHAKAAE | ITEMS TO APPROVE

Section 3.1 Honorary Research Fellowship Application – Dr Matt Renner

refer to [pg9](#)

Section 3.2 Honorary Research Fellowship Application – Dr Judy Nicholson

refer to [pg20](#)

Section 3.3 2023 URC Work Plan

refer to [pg23](#)

Section 3.4 2023 ECR Fellowship Grants Advisory Committee Membership

refer to [pg25](#)

SECTION 4 WHAKAWHITI KŌRERO | ITEMS FOR DISCUSSION

Section 4.1 2023 URC Membership

refer to [pg26](#)

SECTION 5 NGĀ TUKUNGA | ITEMS TO RECEIVE

Section 5.1 Call for Nominations: PBRF Panel Co-Chairs and Initial Panel Members

refer to [pg28](#)

Section 5.2 2023 URC Meeting Dates

refer to [pg29](#)

SECTION 6 KUPU WHAKAMUTUNGA | CLOSING

Section 6.1 Ētahi Kaupapa Anō | Any Other Business

Section 6.2 Komiti Self-Assessment

refer to [pg31](#)

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:	2022-10-13
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. Nora Md Amin
3. Kristie Cameron
4. Eltahir Kabbar (proxy for Hamid Sharifzadeh)
5. Daisy Bentley-Gray
6. Yusef Patel
7. Duaa Alshadli
8. Mitra Etemaddar
9. Robyn Gandell
10. Lian Wu
11. Leon Tan
12. Geoff Bridgman (proxy for Helen Gremillion)

Total members represented: 12 members

Apologies

1. Helen Gremillion

2. Hamid Sharifzadeh
3. Arun Deo
4. Cat Mitchell

Total apologies:

4 members

MOTION

That the committee accepts the apologies for today's meeting.

Moved: Kristie Cameron

Seconded: Daisy Bentley-Gray

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 2022-09-08 meeting as a true and accurate record.

Moved: Mitra Etemaddar

Seconded: Robyn Gandell

MOTION CARRIED

Item 2.3 Mahia Atu | Matters Arising

Agenda Item	Action	Responsible	Outcome
2.3	Utilise the Research Bank to review the research that has been conducted on or with Māori by non-Māori researchers at Unitec and report findings back to the committee.	Nora Md Amin	Verbal update provided as below.
5.3	Draft letters to each of the four 2022 ECR Funded researchers thanking them for their reports.	Brenda Massey / Marcus Williams	Complete
5.4	Ask Research Partner Penny Thomson if it is possible to extend the deadline for applications for ECR Fellowships for Semester 1 to the end of the mid-semester break and to recirculate the documents to all Research Leaders as a reminder of the availability of this opportunity.	Brenda Massey	Complete

Committee member Nora Md Amin provided the following update on her action item:

- Total items (Unitec): 4,025 (as of 13th Oct 2022)
- Māori related items (keyword search): 1,333 items (33%)
- Māori related items (search by subject): 425 items (11%)

Identifying authors/researchers (Māori or non-Māori) in the Research Bank is problematic as there is no parameter/field/filter that identifies author/s as Māori/non-Māori, or Pasifika/non-Pasifika etc.

Research contained in the institutional repositories of New Zealand tertiary education organisations is currently accessible via NZResearch - <https://nzresearch.org.nz/>. NZResearch is being phased out, however. All New Zealand research (including that contained in Unitec's Research Bank) will soon be accessible through DigitalNZ, a project being undertaken by the National Library of New Zealand - <https://digitalnz.org>.

SECTION 3 – MEA HEI WHAKAAE | ITEMS TO APPROVE

Section 3.1 2023 URC Terms of Reference

The committee reviewed its current Terms of Reference.

It was queried whether the Terms of Reference adequately encompass student research, both in terms of students undertaking research and students as the subjects of research.

Student research is bound by Unitec's Conduct of Student Research Policy and is overseen by the Unitec Postgraduate Research and Scholarships Committee. Student research is also within the remit of the newly established Te Ohu Whakahaere Rangahau Māori, Research and Postgraduate, a sub-committee of Te Poari Akoranga (the Academic Board of Te Pūkenga).

MOTION

That the committee approves a roll-over of its current Terms of Reference into 2023.

Moved: Lian Wu

Seconded: Robyn Gandell

MOTION CARRIED

SECTION 4 - WHAKAWHITI KŌRERO | ITEMS FOR DISCUSSION

Section 4.1 PBRF SRG Consultation Paper 8

The Chair presented the key points contained in the consultation document which sets out proposals and approaches for issues relating to the assessment criteria that assessment panels will be using, and processes of the peer review panels which will be convened for Quality Evaluation 2026.

The paper presents a proposed Example of Research Excellence (ERE) scoring scale, as well as three options for Evidence Portfolio (EP) component weightings:

Option 1: The component weightings remain the same, at 70 percent weighting for the ERE component, and 30 percent weighting for the Contribution to the Research Environment (CRE) component.

Option 2: the component weightings are adjusted so that the ERE component has a 60 percent weighting and the CRE component has a 40 percent weighting.

Option 3: the component weightings are adjusted so that the ERE component has an 80 percent weighting and the CRE component has a 20 percent weighting.

The consultation document will be discussed at the next Rangahau Research Forum hui, with feedback collated for, and submitted via, Te Pūkenga's DCE Academic. The consultation will also be discussed at a forum Marcus William and Arun Deo participate in along with universities and other hubs of Te Pūkenga.

Committee members that would like to submit feedback as part of Te Pūkenga's response should provide this to the Chair before 3 November. Individual feedback can also be given directly before the 11 November deadline.

SECTION 5 - NGĀ TUKUNGA | ITEMS TO RECEIVE

Section 5.1 Animal Ethics – Te Pūkenga Code of Ethical Conduct

A new code covering animal ethics is being developed by Te Pūkenga, led by Professor Natalie Waran at EIT. The committee received an update on progress towards the development of the code.

The committee were also advised that Te Ohu Whakahaere Rangahau Māori, Research and Postgraduate is working on a new code that will cover human ethics.

Committee members who wish to engage with the development of either code can contact the Chair for an introduction to the relevant project leads.

SECTION 6 - KUPU WHAKAMUTUNGA | CLOSING

Section 6.1 Ētahi Kaupapa Anō | Any Other Business

N/A

Section 6.2 Komiti Self-Assessment

An opportunity was given for the committee to reflect on their self-assessment provocations. The committee was reminded that feedback 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:	1335 h
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SUMMARY OF ACTIONS

N/A



memo

To	Unitec Research Committee	Date	October 13, 2022
From	Associate Professor Dan Blanchon Head of Environmental and Animal Sciences		
Subject	Nominations for Appointment of an Honorary Research Fellow		

I am requesting that the Unitec Research Committee approves the appointment of Dr Matt Renner as an Honorary Research Fellow within the School of Environmental and Animal Sciences.

Dr Matt Renner is an expert botanist and ecologist with a wide range of experience across Australasia and the Pacific. He is currently a senior ecologist and botanist at Wildlands Ltd in Rotorua, but previously worked at Royal Botanic Gardens in Sydney and Manaaki Whenua Landcare Research and the Department of Conservation in New Zealand.

He will be adding value to research at Unitec (and Te Pūkenga) via his advanced knowledge of native New Zealand and Australian vascular plants and bryophytes, and through collaborations with our staff and students.

Thanks and regards

Dan Blanchon

Matthew RENNER PhD FLS

Key Skills

- Critical thinking and synthesizing information from multiple sources
- Self-directed learning and early adoption of technological and analytical innovations
- Experimental design, data collection, and analysis
- Project design, implementation and management, with an emphasis on task completion
- Effective time management
- Working collaboratively on challenging projects
- Working remotely in back country and isolated settings
- Sound understanding of ecosystem restoration principles.
- Knowledge of New Zealand terrestrial biota
- Sound plant identification skills, across all plant groups.
- Specialist knowledge of non-vascular plant, fern and orchid conservation
- Effective communication to a broad range of audiences
- Competent in Microsoft Office, custom biodiversity databases including KEmu, the R statistical programming environment, and a wide range of genetic and phylogenetic analysis software.

Education and qualifications.

2004-2008 University of Sydney. PhD.

Thesis title: Variation informs relationships within the *Lejeunea tumida*
(Lejeuneaceae: Jungermanniopsida) species group.

This thesis examined a range of theoretical and practical approaches to interpreting morphological variation within the context of effective species circumscription, delimitation, and identification, including recently developed tools for statistical shape analysis.

2000-2002 University of Auckland. Master of Science, Botany and Ecology.
including Forest Ecology and Management

1997-2000 University of Auckland. Bachelor of Science, Biology major.
Senior Scholar in Biological Sciences (top graduate in biology)
including Forest Ecology and Management and Conservation Ecology.

Professional memberships

2016–2018 and 2020–	Associate Editor, <i>New Zealand Journal of Botany</i>
2018–2021	Scientific Editor, <i>Telopea</i>
2014–2018	Associate Editor, <i>Telopea</i>
2019-2020	Associate Editor, <i>Diversity</i>
2018-2020	Associate Editor, <i>PhytoKeys</i>
2016–	International Association of Bryologists, member.
2010–	Australasian Systematic Botany Society, member, council member 2016-2018, treasurer 2017-2018
2006–	Member, NZ Department of Conservation's Triennial Threat Listing Panel, non-vascular plants.

Work experience.

2016-Dec 2021. Royal Botanic Gardens and Domain Trust. Sydney.

Research Scientist (Systematic Botanist). 4.5 years

Key responsibilities and skills: Research into Australian plants, including discovery and documentation of new species, and resolution of taxonomically challenging groups, with major projects externally funded through competitive grant schemes. Secured AUD300,000 in external funding for my research, AUD30,000 as principal investigator, and AUD270,000 as Joint Investigator. Communication of findings in primary peer-reviewed literature. Provided authoritative identifications in response to queries and contributed to maintaining and improving online identification resources including PlantNet. Engagement and relationship management with Government and non-government stakeholders. Applied scientific curation to families for which I was responsible in response to published research (including Orchidaceae, Boraginaceae, Pteridophytes and Bryophytes). I was fortunate to undertake many fieldtrips in remote settings such as the wet tropics of north-east Queensland, most organised myself. Highlights from fieldwork include rediscovering an extinct fern (*Hymenophyllum whitei*) and relocating another not seen for more than 50 years (*Oreogrammitis leonardii*), and discovering several species new to science that had not previously been collected, including *Chiastocaulon fasciculatum* and *Plagiochila vampira*.

2010-2016. Royal Botanic Gardens and Domain Trust, Sydney.

Postdoctoral Fellow. 6 years (2 three-year post doctoral research projects)

Key responsibilities and skills: Externally funded position (AUD540,000) from competitive grants discover, describe, and document Australian plants of the bryophyte families Radulaceae and Plagiochilaceae.

2008-2010 Wildland Consultants Ltd, Rotorua.

Ecologist. 2 years.

Key responsibilities and skills. Applying biodiversity monitoring and restoration principals, often including interpretation of ArcGIS and geospatial data, for a range of clients. Familiarity with monitoring and reporting requirements under the RMA. Contracts required coordination with dedicated GIS staff, and working to a budget. Some contracts involved Iwi and community consultation.

2004 Auckland War Memorial Museum.

Botany Technician, 1 month.

Key skills: Accurate data entry.

2003 The Travellers Rest, Glenridding, Cumbria, UK.

Bar Hand, 6 months.

Key experiences: Customer relations, and working under pressure.

2002-2003 Landcare Research, Lincoln.

Field Team member, Carbon Monitoring Survey. c. 16 months including 2 field seasons.

Key skills and experience: Plant identification. Back country and remote field work, including resilience in challenging working conditions. A proactive and positive work ethic was essential.

1999-2000 Department of Conservation, Napier

Field Team member, Kaweka Mountain Beech project. 2 field seasons of c. 2 months each.

Key skills and experience: Plant identification. Back country and remote field work, including resilience in challenging working conditions. A proactive and positive work ethic was essential.

Professional awards and honours

2019 *Richard Spruce Award* for contributions to bryology in first 25 years of career (International Association of Bryologists).
 2013 *Sullivant Award* for best research paper in *The Bryologist* Volume 115 (American Bryological and Lichenological Society).
 2010 *Fellow of the Linnean Society* elected by peers for contributions to species discovery and description.
 2007 *Faculty of Science Postgraduate Prize for Outstanding Academic Achievement (Biology)*, University of Sydney.
 2004 *Australian Postgraduate Award*, University of Sydney.
 2000 *Francis Briggs Memorial Scholarship* in Botany, University of Auckland.
 2000 *Senior Scholar in Biological Sciences*, University of Auckland (top graduate in biology).
 2000 *Senior Prize in Biology (Plant Biodiversity)*, University of Auckland.

Students

Christopher Donovan. PhD. University of Sydney. 2017-2021.
 Thesis topic: Epiphyte nutrition and shoot based absorption.
 Supervisors: Charlie Warren, Matt Renner.

Chatchaba Promma. PhD. East China Normal University. 2016-2020.
 Thesis title: A taxonomic revision of *Radula* subg. *Amentuloradula* (Radulaceae: Marchantiophyta)
 Supervisors: Rui-Liang Zhu, Matt Renner.

Richard Dimon. BSc(Hons). University of Sydney. 2017-2018.
 Thesis title: Evolution and Biogeography of the Star Hair Genus *Astrotricha* (Araliaceae)
 Supervisors: Murray Henwood, Marlien van der Merwe, Matt Renner, Trevor Wilson.

Mereia Tabua. MSc. University of South Pacific, Suva. 2012-2015
 Thesis title: Trunk-inhabiting bryophyte diversity on two common native trees along an altitudinal gradient on Viti Levu, Fiji.
 Supervisors: Ralph Riley, Cara Miller, Matt von Konrat, Lars Soderstrom, Matt Renner.

Scientific publications (119 total)

2021

Renner MAM, Forster CSP, Miller JT, Murphy DM (2021) Phyllodes and bipinnate leaves of *Acacia* exhibit contemporary continental-scale environmental correlation and evolutionary transition-rate heterogeneity. *Australian Systematic Botany* 34: 595-608.

Renner MAM, de Lange PJ, Glenney D (2021) A synopsis of Aotearoa/New Zealand *Lejeunea* (Lejeuneaceae: Jungermanniopsida) and new species in the *Lejeunea epiphylla* Colenso complex. *Arctoa* 30: 187-212.

Feldberg K, Schafer-Verwimp A, **Renner MAM**, von Konrat M, Bechteler J, Muller P, Wang YD, Schneider H, Schmidt AR (2021) Liverworts from Cretaceous amber. *Cretaceous Research* 128: 104987.

Barrett RL, Clugston JAR, Cook LG, Crisp MD, Jobson PC, Lepschi BJ, **Renner MAM**, Weston PH (2021) Understanding diversity and systematics on Australian Fabaceae Tribe Mirbelieae. *Diversity* 13, 391.

Feldberg K, Gradstein SR, Grohn C, Heinrichs J, von Konrat M, Mamontov YS, **Renner MAM**, Roth M, Schafer-Verwimp A, Sukkharak P, Schmidt AR (2021) Checklist of fossil liverworts suitable for calibrating phylogenetic reconstructions. *Bryophyte Diversity and Evolution* 43: 14-71.

Adams PB, Lawson S, **Renner MAM** (2021) A review of *Dendrobium kingianum* Bidwill ex Lindl. (Orchidaceae) with morphological and molecular-phylogenetic analyses. *Telopea* 24: 203-232.

Pocs T, **Renner MAM** (2021) Contribution to the bryoflora of Australia, V. *Radula tonitrua* sp. nov. from Queensland. *Telopea* 24: 189-201.

Renner MAM (2021) The typification of Australasian *Plagiochila* species (Plagiochilaceae: Jungermanniidae): a review with recommendations. *New Zealand Journal of Botany* 59: 323-375.

2020

Renner MAM (2020) *Cololejeunea reniformis*, a new species from the Wet Tropics of Queensland, Australia (Lejeuneaceae: Marchantiophyta). *Telopea* 23: 181-186.

Renner MAM (2020) Flower size variation in *Danhatchia* (Orchidaceae). *Telopea* 23: 155-162.

Renner MAM (2020) Opportunities and challenges presented by cryptic bryophyte species. *Telopea* 23: 41-60.

de Lange PJ, Glenny D, Frogley K, **Renner MAM**, von Konrat M, Engel JJ, Reeb C, Rolfe JR (2020) Conservation status of New Zealand hornworts and liverworts, 2020. New Zealand Threat Classification Series 31. Department of Conservation, Wellington. 30 p.

Renner MAM (2020) (2771) Proposal to conserve *Dendrobium* \times *gracillimum* against *D.* \times *nitidum* (Orchidaceae). *Taxon* 69: 1113-1114

Renner MAM, Salter J. 2020. Unique shoot architecture in the leafy liverwort *Herzogianthus vaginatus* (Herzogianthaceae): insights into novel growth patterns in Jungermanniidae. *Botanical Journal of the Linnean Society* 193:207-227.

Renner MAM, de Lange PJ (2020) A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany* 33: 311-326.

Renner MAM, Forster CS, Miller JT, Murphy DM (2020) Increased diversification rates are coupled with higher rates of climate space exploration in Australian *Acacia* (Caesalpinoideae). *New Phytologist* 226: 609-622.

2019

Renner MAM (2019) Two new combinations in *Corybas* and *Genoplesium* (Orchidaceae) for New South Wales. *Telopea* 22: 219-224.

Glenny D, **Renner MAM** (2019) A new species of *Cololejeunea* (Marchantiophyta, Lejeuneaceae) from New Zealand. *Telopea*

Renner MAM, Field AR (2019) The filmy fern *Hymenophyllum reinwardtii* (Hymenophyllaceae) newly recorded for Australia. *Telopea* 22: 185-191.

Renner MAM, Glenny DS (2019) A new species of *Cololejeunea* (Marchantiophyta, Lejeuneaceae) from New Zealand. *Telopea* 22: 169-178.

Johnston PR, Park D, **Renner MAM** (2019) *Sphaeropezia leucocheila* sp. nov. (Stictidaceae): a liverwort pathogen from New Zealand. *Phytotaxa* 409: 222-226.

Renner MAM (2019) A nomenclatural history for *Plectorrhiza purpurata* (Orchidaceae). *Telopea* 22: 157-159.

Field AR, **Renner MAM** (2019) Rediscovered or reconsidered: the presumed extinct ferns and lycophytes of tropical Queensland. *Australian Systematic Botany* 32: 111-122.

2018

Heinrichs J, Feldberg K, Bechteler J, Regalado L, **Renner MAM**, Schafer-Verwimp A, Grohn C, Muller P, Schneider H, Krings M (2018) A comprehensive assessment of the fossil record of liverworts in amber. pp 213-252 in Krings M, Harper CJ, Cuneo NR, Rothwell GW (eds) *Transformative Paleobotany*

(Academic Press).

Renner MAM, Worboys S (2018) Two additional *Chiastocaulon* species (Marchantiophyta: Plagiochilaceae) from the Wet Tropics Bioregion of north-eastern Queensland. Australian Systematic Botany 31: 487-494.

Renner MAM (2018) A revision of Australian *Plagiochila* (Lophocoleinae: Jungermanniopsida). Telopea 21: 187-380.

Promma C, Zhang LN, Shu L, Renner MAM, Zhu RL (2018) *Radula deflexilobula* (Radulaceae, Marchantiophyta) from Thailand, a new Species based on morphological and molecular data. Cryptogamie Bryologie

Wilson TC, Forster PI, **Renner MAM** (2018) *Plectranthus amiculatus* and *P. altanmouiensis* (Lamiaceae): new species from Cape York Peninsula, Queensland, Australia. Telopea 21: 79-89.

Renner MAM, Wilson TC (2018) Two new species of *Acromastigum* (Lepidoziaceae: Jungermanniopsida) from Queensland, Australia. Telopea 21: 45-55.

Heinrichs J, Schäfer-Verwimp A, **Renner MAM**, Feldberg K. 2018. *Cheilolejeunea lamyi* sp. nov., a fossil Lejeuneaceae from Miocene Dominican Amber. Cryptogamie Bryologie 39: 155-161.

Dimon R, Vana J, Schafer-Verwimp A, Heinrichs J, Renner MAM (2018) *Conoscyphus* belongs to Acrobolbaceae (Jungermanniineae) not Lophocoleaceae (Lophocoleineae). Australian Systematic Botany 31: 209-218.

Renner MAM, Heslewood MM, Heinrichs J (2018) Geometric morphometric methods achieve type specimen assignment in the cryptic *Plagiochila arbuscula* complex (Plagiochilaceae: Jungermanniopsida) with the minimum of morphological evidence. Botanical Journal of the Linnean Society 186: 108-126.

2017

Renner MAM, Heslewood MM, Patzak SDF, Schäfer-Verwimp A, Heinrichs J (2017) By how much do we underestimate species diversity of liverworts using morphological evidence? An example from Australasian *Plagiochila* (Plagiochilaceae: Jungermanniopsida). Molecular Phylogenetics and Evolution 107: 576-593.

Bechteler J, Schäfer-Verwimp A, Lee GE, Feldberg K, Pérez-Escobar OA, Pócs T, Peralta DF, **Renner MAM**, Heinrichs J (2017) Geographical structure, narrow species ranges, and Cenozoic diversification in a pantropical clade of leafy liverworts. Ecology and Evolution 7, 638-653.

Heinrichs J, Feldberg K, Bechteler J, Muller P, **Renner MAM**, Vana J, Schafer-Verwimp A, Schmidt AR (2017) A fossil genus of the Frullaniaceae (Porellales, Jungermanniopsida) from the mid-Cretaceous of Myanmar. Cretaceous Research 74: 223-226.

Kaasalainen U, Heinrichs J, **Renner MAM**, Hedenäs L, Schäfer-Verwimp A, Lee GE, Ignatov MS, Rikkinen J, Schmidt AR. 2017. A Caribbean epiphyte community preserved in Miocene Dominican amber. Earth and Environmental Science Transactions of the Royal Society of Edinburgh 107, 321-331.

Dimon RJ, **Renner MAM** (2017) A new *Cynoglossum* species, and transfers to *Hackelia* in eastern Australian Boraginaceae. Australian Systematic Botany 30: 113-123.

Gray LJ, **Renner MAM** (2017) Geometric morphometric methods show no shape differences between female and male kākāpō (*Strigops habroptilus*) bills and claws. Notornis 64: 117-123.

Schäfer-Verwimp A, Bechteler J, van Melick H, **Renner MAM**, Heinrichs J. 2017. *Lepidolejeunea grandiocellata* sp. nov. (Lejeuneaceae, Porellales), a new leafy liverwort from the West Indies based on morphological and molecular evidence. Cryptogamie Bryologie 38: 253-263.

Bechteler J, Schmidt AR, **Renner MAM**, Wang B, Pérez-Escobar OA, Schäfer-Verwimp A, Feldberg K, Heinrichs J (2017) A Burmese amber fossil of *Radula* (Porellales, Jungermanniopsida) provides insights into the Cretaceous evolution of epiphytic lineages of leafy liverworts. Fossil Record 20: 201-213

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see also <https://www.researchgate.net/profile/Matt-Renner-2>



memo

To	Unitec Research Committee	Date	November 2, 2022
From	Associate Professor Dan Blanchon Head of Environmental and Animal Sciences		
Subject	Nominations for Appointment of an Honorary Research Fellow		

I am requesting that the Unitec Research Committee approves the appointment of Dr Judy Nicholson as an Honorary Research Fellow within the School of Environmental and Animal Sciences.

Dr Judy Nicholson has been with Unitec for more than thirty years, and is retiring at the end of 2022. Dr Nicholson led the animal sciences at Unitec for several years, was responsible for developing the early versions of most of our animal programmes, and helped grow the research culture in this area. Judy collaborates with a number of staff in the School of Environmental and Animal Sciences and the Applied Molecular Solutions Research Centre, and shares her wisdom regularly with new staff members.

She will be adding value to research at Unitec (and Te Pūkenga) in animal sciences and microbiology, with two ongoing research projects in these areas. We would particularly value her input in the veterinary nursing space.

Thanks and regards

Dan Blanchon

A handwritten signature in blue ink that reads 'D.J. Blanchon'.

Dr Judith Nicholson

Current Position	Senior Lecturer
Academic qualifications	1967: BSc. Hons. (2 nd class, Division 1.) Microbiology. Undergrad majors Botany & Zoology. University of Canterbury, Christchurch, NZ. 1972: PhD. Microbiology. University of Canterbury, Christchurch, NZ.
Professional and Industry experience	2012 – present: Senior Lecturer, Natural Sciences/EAS, Unitec Institute of Technology, Auckland
Professional affiliations	Volunteer Tiritiri Matangi Member NZ Birds (NZ Ornithological Soc) Supporter NZ Forest & Bird
Total years research experience	49
Research expertise	Environmental Microbiology & Plant Pathology Monitoring Wetland Birds
Research interests	All the above

Publications and other outputs

- Baker, K., & Nicholson, J. (2020). Water Quality in the Waiatarua Reserve Wetland. *Unitec Research Symposium 2020, Unitec institute of Technology*.
- Nicholson, J., & Doyle, E. (2020). A comparison of oral microbiomes of patients using Dr Hisham's dental care products and those using conventional products: preliminary results. *Unitec Research Symposium 2020, Unitec institute of Technology*.
- Nicholson, J. H., Galbraith, M., & Adams, N. (2016). Water-bird biodiversity in a restored urban wetland: Is it providing a refuge for native wildlife. *The Society for Ecological Restoration Australasia (SERA) & The NZ Ecological Society, Hamilton, New Zealand*.
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Unitec New Zealand Limited

Te Komiti Rangahau o Unitec | Unitec Research Committee

10 November 2022

Title	2023 URC Work Plan
Provided by:	A/P Marcus Williams, Director Research & Enterprise
For:	Approval

Recommendation

That the committee review and approve the attached 2023 Work Plan.

Purpose

The Work Plan will prioritise and schedule the committee's activities for the year ahead.

Next Steps

The finalised Work Plan will be presented to Te Komiti Mātauranga | Academic Committee.

Contributors

A/P Marcus Williams, Director Research & Enterprise

Brenda Massey, Acting Secretary

Attachments

2023 URC Work Plan

Unitec Research Committee Te Komiti Rangahau o Unitec - 2023 Work Plan											
Month	Item	Source / Nature	Input/s	Output	Presentation Frequency	Author	Submission Due	Presentation Due	Completion Date	Notes / Purpose	Terms of Reference Item Relates To
Each Meeting	Committee self-assessment	Feedback from members	URC	Meeting minutes	Monthly	Chair/ Secretary	Meeting dates	Meeting dates	Date the minutes are posted	-----	All
	Schedule any updates on research from Te Pūkenga for sharing and discussion.	Te Pūkenga; Rangahau Research Forum; Te Ohu Whakahaere Rangahau Māori, Research and Postgraduate	Communications from Te Pūkenga; Rangahau Research Forum; Te Ohu Whakahaere Rangahau Māori, Research and Postgraduate	Meeting minutes	Ad hoc	Chair	Meeting dates	Meeting dates	Dates the minutes are posted	-----	All
January				NO MEETING							
February	Request Research Centres submit Annual Reports	Research Centre Plans	Research Centre Directors; Research Centre Report template	Annual Reports	Annually	Chair	Agenda paper submission deadline	Meeting date	Date the minutes are posted	Annual Reports due April	G
	Notification of 2023 ECR funding outcomes	2023 ECR funding applications	2023 Grants Advisory Committee	Memo	Annually	Chair	Agenda paper submission deadline	Meeting date	Date the minutes are posted	-----	E
March	Review the Unitec Research Strategy Action Plan.	Unitec Research Strategy 2020-2024	Tūāpapa Rangahau	Memo	One off	Chair	Agenda paper submission deadline	Meeting date	Date the minutes are posted	-----	A
April	Request Schools report against their Research Plans	School Research Plans	Chair/ Secretary/ Research Advisor/ Research Leaders	School Research Plan Annual Report	Annually	Chair	Agenda paper submission deadline	Meeting date	Date the minutes are posted	Annual Reports due June	G
	Receive 2022 ECR Funding final reports	ECR Funding final report template	Funded ECRs	ECR final reports	Annually	Secretary	Agenda paper submission deadline	Meeting date	Date the minutes are posted	-----	G
May	Receive Research Centre Annual Reports	Research Centre reporting template	Research Centres	Research Centre Annual Reports	Annually	Chair	Agenda paper submission deadline	Meeting date	Date the minutes are posted	-----	G
June	Discuss the possibility of a Northern Sector Research Symposium (NorthTec, Unitec, MIT)	2022 Unitec/MIT Research Symposium feedback and outcomes	URC/ Tūāpapa Rangahau	2023 draft Research Symposium framework	Annually	Chair	Agenda Paper submission deadline date	Meeting date	Date the minutes are posted	-----	H
	Review Individual Research Plan (IRP) template	Current IRP template	Tūāpapa Rangahau	Updated IRP template	Annually	Chair	Agenda Paper submission deadline date	Meeting date	Date the minutes are posted	-----	A
July	Receive School Research Plan Annual Reports.	School Research Plan reporting template	Schools	School Research Plan Annual Reports	Annually	Chair	Agenda paper submission deadline	Meeting date	Date the minutes are posted	-----	A
August	Present Unitec Research Report to Academic Committee	Unitec Research Report	Tūāpapa Rangahau	Memo	Annually	Chair	Agenda Paper submission deadline date	Meeting date	Date the minutes are posted	-----	G
	Present Research Productivity Traffic Light (RPTL) Results to Academic Committee	RPTL Results	Tūāpapa Rangahau	Memo	Annually	Chair	Agenda Paper submission deadline date	Meeting date	Date the minutes are posted	-----	G
September	Receive 2023 ECR Funding progress reports	ECR funding reporting template	Funded ECRs	ECR progress reports	Annually	Secretary	Agenda paper submission deadline	Meeting date	Date the minutes are posted	-----	E
October	Ratification of 2024 ECR Funding and ECR Fellowships Grants Advisory Committee (GAC) membership	GAC membership criteria	Chair/ Secretary	GAC membership list	Annually	Chair	Agenda Paper submission deadline date	Meeting date	Date the minutes are posted	-----	E
	Review URC ToR	2023 ToR	Chair/ Secretary	2023 ToR	Annually	Chair	Agenda Paper submission deadline date	Meeting date	Date the minutes are posted	-----	All
November	Review URC membership	URC attendance tracker	Chair/ Secretary	2024 membership list	Annually	Chair	Agenda Paper submission deadline date	Meeting date	Date the minutes are posted	-----	All
	Develop 2024 URC Work Plan	2023 Work Plan	Chair/ Secretary	2024 Work Plan	Annually	Chair	Agenda Paper submission deadline date	Meeting date	Date the minutes are posted	-----	All
December	Classification of URC's 2023 Agenda Items by ToR.	2023 Agendas	Chair/ Secretary	Memo and classification spreadsheet	Annually	Chair	Agenda Paper submission deadline date	Meeting date	Date the minutes are posted	All Agenda items to be classified according to which ToR they relate to and whether they were strategic or relating to compliance. The outcomes of the classification exercise should be reported to Te Komiti Mātauranga.	All

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Meeting of Te Komiti Rangahau o Unitec | Unitec Research Committee

Date of Meeting: 10 November 2022

Title	2023 ECR Fellowships Grants Advisory Committee (GAC) Membership
Provided by:	A/P Marcus Williams, Director Research and Enterprise
For:	APPROVAL

Recommendation/s

That the committee approves the membership of the 2023 ECR Fellowships Grants Advisory Committee (GAC), a sub-committee of the Unitec Research Committee, as follows:

GAC membership who will consider every application:

A/P Marcus Williams, Director Research and Enterprise

Dr Cat Mitchell, Ngā Wai a te Tūi Māori & Indigenous Research Centre

GAC membership who will consider specific applications:

2 x academics specifically selected for each applicant, chosen from outside of the applicant's school where possible, but with relevant discipline or transdisciplinary expertise. Bespoke members will be selected by Tūāpapa Rangahau.

Purpose

Three early career researchers have submitted applications for 2023 Early Career Fellowship Funding. The applications need to be assessed by members of the GAC.

Next Steps

GAC members will read, consider, and provide feedback on the applications, convening later this month to decide whether the applications should be funded.

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Te Komiti Rangahau o Unitec | Unitec Research Committee

10 November 2022

Title	2023 URC membership
Provided by:	A/P Marcus Williams, Director Research & Enterprise
For:	Discussion

Recommendation

That the committee reviews and confirms its membership for 2023.

Purpose

As per the Conduct of Research Policy the membership of the committee shall be outlined to Te Komiti Mātauranga | Academic Committee each year.

Information/Background

The Committee has previously agreed that its membership should be comprised as follows:

- Director of Research and Enterprise (Chair)
- Secretary
- Māori representation
- Pacifika representation
- Industry Workforce Development
- Knowledge Specialist
- Representation from all schools with degrees
- Research Advisor

The above representation must in sum comprise the following:

- 2 x New and Emerging Researchers
- 2 x Early Career Researchers
- 2 x Professoriate

Attachments

Current list of members

Unitec Research Committee | Te Komiti Rangahau o Unitec Membership

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

The composition requirements of the committee are as follows:

- Director of Research and Enterprise (Chair)
- Secretary
- Māori representation
- Pacifica representation
- Industry Workforce Development
- Knowledge Specialist
- Representation from all schools with degrees
- Research Advisor

The above representation must in sum comprise the following:

- 2 x New and Emerging Researchers
- 2 x Early Career Researchers
- 2 x Professoriate

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Meeting of Te Komiti Rangahau o Unitec | Unitec Research Committee

Date of Meeting: 10 November 2022

Title	Call for Nominations: PBRF Panel Co-Chairs and Initial Panel Members
Provided by:	A/P Marcus Williams, Director Research and Enterprise
For:	Information

Recommendation

That the committee notes the TEC's call for nominations for Panel Co-Chairs and initial Panel Members for the PBRF Quality Evaluation 2026.

Key Points

In preparation for the Performance-Based Research Fund (PBRF) Quality Evaluation 2026, the TEC is seeking nominations for Panel Co-Chairs and initial Panel Members.

The Co-Chairs will work closely with the TEC and the Moderation Team to appoint initial Panel Members and will be responsible for drafting Panel-Specific Guidance. They will also work with the Moderator Team and the TEC to help finalise the Quality Evaluation Guidelines. In 2026, they will convene the final peer review panel and oversee the assessment process.

The Co-Chairs for Quality Evaluation 2026 will include a Co-Chair and a Co-Chair – Māori. Their roles will run from early 2023 to early 2027, when the results of the Quality Evaluation are published.

Initial Panel Members' roles will also run from early 2023 to early 2027. They will contribute to the development of the Panel-Specific Guidelines, conduct individual assessments of Evidence Portfolios, and participate in the peer review panel meetings.

Information/Background

The peer review panel roles and nominations process reflect the recommendations of the Sector Reference Group (SRG) on changes to the membership criteria and working practices. Find a summary of the decisions and the sector feedback received [here](#).

Read more about the PBRF Quality Evaluation 2026 Co-Chair and initial Panel Member roles and appointment process [here](#).

Next Steps

Please complete nomination forms by **5pm on 22 November 2022**, by following [this link](#).

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Te Komiti Rangahau o Unitec | Unitec Research Committee

10 November 2022

Title	2023 URC Schedule of Meetings
Provided by:	Brenda Massey, Acting URC Secretary
For:	Information

Recommendation

That committee members note the scheduled dates of 2023 meetings and the associated deadlines for agenda items.

Key Points

As in previous years, all meetings have been scheduled to occur on the second Thursday of each month from 13:00 to 15:00. These dates have been scheduled so as not to clash with Academic Committee meetings and other Academic Governance Committee meetings.

Meetings will generally be held online, at the discretion of the Chair, unless there is a compelling reason to meet face to face. For example, face to face meetings might be held when presentations to the committee have been scheduled, when the committee invites a guest speaker to attend, or when complex or nuanced conversations need to be had.

Members who are unable to attend face to face meetings will be provided with the option to attend virtually.

Contributors

A/P Marcus Williams, Director Research & Enterprise

Attachments

URC Schedule of Meetings for 2023.

Unitec Research Committee Schedule of Meetings for 2023

All meetings are held on the second Thursday of each month from 13:00 to 15:00. Meetings will generally be held online unless there is a compelling reason to meet face to face.

Meeting Date	Deadline Date for Papers for Agenda	Meeting Venue
9 February	27 January	Online via Microsoft Teams
9 March	24 February	Online via Microsoft Teams
13 April	31 March	Online via Microsoft Teams
11 May	28 April	Online via Microsoft Teams
8 June	26 May	Online via Microsoft Teams
13 July	30 June	Online via Microsoft Teams
10 August	28 July	Online via Microsoft Teams
14 September	1 September	Online via Microsoft Teams
12 October	29 September	Online via Microsoft Teams
9 November	27 October	Online via Microsoft Teams
14 December	1 December	Online via Microsoft Teams

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?