

Office of the Pro Vice-Chancellor Research

RESEARCH newsletter

Issue No. 02 | June 2020

Welcome HDR Candidates to FNU

OPVCR welcomes each and every HDR candidate at FNU. Due to the closing of the university amid COVID-19, an online induction program HDR Induction 2020 has been developed by the OPVCR and disseminated to all HDR candidates. We are hoping that all of you have gone through the induction program and familiarised your selves with the HDR requirements and the policies. Additionally, we hope that all of you are progressing well with your preparation for your candidature confirmation or your next milestone.

Research Mentoring System

Pro Vice Chancellor Research has initiated **Research Mentoring System** at FNU to help early, and mid-career researchers meet the **Academic Expectations** at each level to get promoted to the next.

SciVal and Scopus Training for FNU Staff

OPVCR has organised with Elsevier to offer Scopus and SciVal training via webinars to FNU staff 12 pm – 1 pm (AEST) to help staff understand where to publish, how to increase their h-index, who to collaborate with, and trending research topics.

These webinars can serve as essential professional development, knowledge enhancement or validation, and a platform to ask questions. These sessions are available for all staff. This can include the library, research office, and academics (but not limited to these groups).

You may refer to the links below for next training; and, if you have not registered for the next SciVal and Scopus Webinar Training sessions of your interest, you may register with the below individual webinar link.

Date	Webinar Title	Webinar Link & Registration
06-Jul	Don't hit snooze - setting alerts.	https://elsevier.zoom.us/webinar/register/WN_UE-RQb8WT8WwEsBTVSNz4A
20-Jul	How big is this house? - Affiliation profiling	https://elsevier.zoom.us/webinar/register/WN_0RERMj_bt9ebBsF5IA9o8w
03-Aug	This is an artform - advanced searching operators	https://elsevier.zoom.us/webinar/register/WN_rTNKkZsWRe2ohMbm-wcnQqg
17-Aug	This art form is harder that I thought - basic advanced searching	https://elsevier.zoom.us/webinar/register/WN_V8umT1VSSQmhp1ciEZ1Zng
31-Aug	Savings savings, where is my Scopus bank account (lists and MyScopus)	https://elsevier.zoom.us/webinar/register/WN_F2R6JNJ3Ty6MiClaw_mqRQ

- Wiley Research APAC Webinars
- Research Integrity and Publishing Ethics
- Introduction to Journal Peer Review
- Journal Publications
- Internally Funded Projects
- Research Policies & Forms

- FNU Research Policy
- Higher Degrees by Research Policy & Procedures
- Higher Degrees by Research Supervision Policy
- Upcoming Symposium - CMNHS
- Research Support from OPVCR
- Office of the Pro Vice Chancellor Research

Wiley Research APAC Webinars

Wiley online webinars are available for FNU academic staff and HDR candidates on a range of different topics ranging from the future of research, innovations for research, tips on publishing journal papers.

Staff interested in attending this have to **register online**.

Research Integrity and Publishing Ethics: <https://webinars.wileyresearch.com/webinar/research-integrity-publishing-ethics/>

30 June 2020 , 4:00pm – 5:00pm Singapore Time (UTC +08:00)

This webinar is targeted at those involved in upholding the values of research integrity and publishing ethics: researchers, institutions, societies, funders, editors and publishers.

Elizabeth Moylan, Publisher (Research Integrity and Publishing Ethics) at Wiley will be talking about the top five issues in Research Integrity and Publishing Ethics – amending published literature, authorship issues, data concerns, plagiarism and potentially questionable research behaviour.

Introduction to Journal Peer Review: <https://webinars.wileyresearch.com/webinar/introduction-journal-peer-review/>

8 July 2020 11:00am – 12:00pm Singapore Time (UTC +08:00)

Heidi Allen, Senior Manager, Content Review at Wiley, will be talking about preparing for peer review, and this will also help peer reviewers understand what is expected of them.

FNU academic wins prestigious Deans Award for Research Higher Degree Excellence at James Cook University

Dr Alvin Lal, Assistant Professor with the Department of Physics at Fiji National University's College of Engineering, Science and Technology, was recognised amongst the 133 higher research candidates competing for the prestigious Deans Award for Research Higher Degree Excellence at James Cook University (JCU) in Australia. Dr Lal's PhD thesis topic is "Groundwater modelling and management". Dr Lal published in Q1 and Q2 journals and secured several travel grants, which allowed him to participate in various conferences in Australia, Japan, USA, and Spain.

Certificate of participation in the online training on Soil Salinity Mapping, organised by the Pacific Soil Partnership

Dr Deeksha Krishna, Associate Dean Research with the College of Agriculture, Fisheries and Forestry participated in the online training on digital soil mapping organised by Food and Agriculture Organization of the United Nations-Global Soil Partnership.

The Food and Agriculture Organization of the United Nations-Global Soil Partnership (FAO-GSP) due to the COVID-19 emergency organised its training on digital soil mapping-towards the development of national soil salinity maps for Pacific countries from 4th May to 22nd May 2020 online. Through online video lecturing, virtual communication, and digital data transfer, the training had been successful with participants from 17 pacific countries. This workshop focused on the basics of Digital Soil Mapping (DSM), for example, mapping soil salinity indicators to strengthen the work on soil and for a sustainable soil management system.

Journal Publications

Congratulations to FNU colleagues who published the following highly ranked journal papers.

Publication	Journal Rank
Kumar, B.A., & Sharma, B. (2019). "Context aware mobile learning application development: A systematic literature review." <i>Education and Information Technologies</i> , 25(1), 2221–2239.	Q1
Xiao, Y., Wang, C., Kondamareddy, K. K., Liu, P., Qi, F., Zhang, H., ... & Zhao, X. Z. (2019). "Enhancing the performance of hole-conductor free carbon-based perovskite solar cells through rutile-phase passivation of anatase TiO ₂ scaffold." <i>Journal of Power Sources</i> , 422, 138-144.	Q1
Mudliar, V. L., Li, K. C., van Vuuren, L. J., & Waddell, J. N. (2020). "The influence of undercut depths on the accuracy of casts poured from irreversible hydrocolloid impression materials." <i>Heliyon</i> , 6(1), 1-6.	Q1
Sharma, R. A., & Honan, E. (2020). "Fijian Pre-Service Teachers' Ideas about Science and Scientists." <i>Journal of Science Teacher Education</i> , 31(3), 335-357.	Q1

Ganesan, A. R., Guru, M. S., Balasubramanian, B., Mohan, K., Liu, W. C., Arasu, M. V., ... & Sudhakar, M. P. (2020). "Biopolymer from edible marine invertebrates: A potential functional food." <i>Journal of King Saud University-Science</i> , 32(2), 1772-1777.	Q1
Ganesan, A. R., Mohan, M. S. G., Balasubramanian, B., Kim, I. H., Seedeve, P., Mohan, K., ... & Ignacimuthu, S. (2019). "Marine invertebrates' proteins: A recent update on functional property." <i>Journal of King Saud University-Science</i> , 32(2), 1496-1502.	Q1
James, K., & Nadan, Y. (2020). "Race, ethnicity, and class issues in Fiji soccer 1980-2015." <i>Soccer & Society</i> , 1-21.	Q1
Boulhaoua, M., Torvisco, A., & Pasinszki, T. (2020). "Toward the synthesis of thiadiazole-based therapeutic agents: synthesis, spectroscopic study, X-ray analysis, and cross-coupling reactions of the key intermediate 3, 5-diiodo-1, 2, 4-thiadiazole." <i>Research on Chemical Intermediates</i> , 46(2), 1507-1519.	Q2
Ram, S., Andajani, S., & Mohammadnezhad, M. (2020). "Parent's Perception regarding the Delivery of Sexual and Reproductive Health (SRH) Education in Secondary Schools in Fiji: A Qualitative Study." <i>Journal of Environmental and Public Health</i> , 2020, pp.1-8.	Q2
Gali, A., Krishna, K., Lowry, J., & Mohammadnezhad, M. (2020). "Environmental factors associated with diarrhoea prevalence among under-five children in the Mataniko settlements in Honiara, Solomon Islands." <i>Rural and remote health</i> , 20(1), 1-8.	Q2
Kumar, S., Sharma, A., & Tsunoda, T. (2019). "Subject-Specific-Frequency-Band for Motor Imagery EEG Signal Recognition Based on Common Spatial Spectral Pattern." In <i>Pacific Rim International Conference on Artificial Intelligence</i> , Springer, Cham, 11671, 712-722.	Q2
Krishna, D., Sachan, H. K., & Chaudhary, N. K. "Effect of Sulphur Fertilisation on Performance and Production Potential of Mungbean [<i>Vigna radiata</i> (L.) Wilczek]." <i>Legume Research</i> , 1-6.	Q2
Bakare, A. G., Shah, S., Bautista-Jimenez, V., Bhat, J. A., Dayal, S. R., & Madzimure, J. (2020). "Potential of ethnoveterinary medicine in animal health care practices in the South Pacific Island countries: a review." <i>Tropical Animal Health and Production</i> , 1-11.	Q2
Mooni, S. P., Kondamareddy, K. K., Li, S., Zhou, X., Chang, L., Ke, X., ... & Qu, Q. (2019). "Graphene oxide decorated bimetal (MnNi) oxide nanoflakes used as an electrocatalyst for enhanced oxygen evolution reaction in alkaline media." <i>Arabian Journal of Chemistry</i> , 13(3), 4553-4563.	Q2
Azam, N. (2019). "Prejudice in Joseph Conrad's Post-Colonial Novel Heart of Darkness." <i>International Journal of Applied Linguistics and English Literature</i> , 8(5), 116-121.	Q2
Bakare, A. G., Cawaki, P., Ledua, I., Kour, G., Jimenez, V., Sharma, A., & Tamani, E. (2020). "Acceptability, growth performance and nutritional status of chickens fed cassava leaf meal (CLM)-based diets." <i>Tropical Animal Health and Production</i> , 1-9.	Q2
Bakare, A. G., Kour, G., Akter, M., & Iji, P. A. (2020). "Impact of climate change on sustainable livestock production and existence of wildlife and marine species in the South Pacific island countries: a review." <i>International Journal of Biometeorology</i> , 1-16.	Q2
Alifereti, V. T. L. (2019). "Metaphoric Noun Variants and Modification Types in Undergraduate ESL Students' Academic Writing Texts." <i>International Journal of Applied Linguistics and English Literature</i> , 8(3), 46-54.	Q3
Sachan, H.K. & Krishna, Deeksha & Chaudhary, Narendra. (2019). "Sulphur Fertilization Effects on Yield and Nutrient Uptake of Mung bean [<i>Vigna radiata</i> (L.) Wilczek]." <i>Indian Journal Of Agricultural</i> , 54(1), 1-6.	Q3
Saliya, C. A. (2019). "Dynamics of credit decision-making: a taxonomy and a typological matrix." <i>Review of Behavioral Finance</i> , 1-18.	Q3
Taylor, B., Nikita, N., Naicker, A., Naivalu, T., & Kumar, R. A. (2019). "What bacteria are present on the mobile phones of students?." <i>New Zealand Journal of Medical Laboratory Science</i> , 73(3), 98.	Q4

Table 1: FNU staff research publications for 2020

Externally Funded Projects

Congratulations to our colleagues who are successfully undertaking externally funded research projects in collaboration with external stakeholders. These are listed below:

Year	Project Title	College	Research Team	Research Sponsor	Total Sum Received
2020	Improving Small Ruminant Production and Supply in Fiji and Samoa	CAFF	Dr Gurdeep Kour & Dr Saleshe Kumar (FNU), Dr Fran Cowley & Dr Tiago Alves (University of New England), Dr Mitchell Campbell (Charles Sturt University), Dr Poasa Tabuaciri (the University of the South Pacific), Ms Donna Aiulu (Min. of Agriculture & Fisheries- Samoa), Mr Avinesh Dayal (Min. of Agriculture-Fiji)	University of New England	\$28,304 (AUD)
2020	Fiji Mental Health Telehealth Initiative	CMNHS	Dr Odille Chang	St. Vincent's Pacific Health Fund	\$10,000 (AUD)

Table 2: Externally funded projects 2020

Internally Funded Projects

Congratulations to our colleagues who are currently working on the following internally funded projects

Project Title	Principal Investigator	Co-Investigators (Internal)	Co-Investigators (External)	Date Approved	Total Sum Received
The Prevalence, risk factors and antibiotic susceptibility patterns of mastitis pathogens in dairy cows in Fiji	Dr Royford Magiri	<ul style="list-style-type: none"> i. Dr Archibald G. Bakare - CAFF ii. Dr Titus Zindove - CAFF iii. Dr Vingelle Bautista-Jimenez - CAFF 	<ul style="list-style-type: none"> i. Professor George Mutwiri (School of Public Health & VIDO-intervac, University of Saskatchewan, Canada. ii. Dr Ashnita Prasad (Department of Agriculture F.U. veterinary pathology laboratory) 	25-Feb-20	\$15,000.00
Characterisation of indigenous chicken genetic resources of Fiji	Dr Titus Zindove	<ul style="list-style-type: none"> i. Dr Archibald G. Bakare - CAFF ii. Professor Paul Iji -CAFF 	N/A	15-Apr-20	\$15,000.00

Table 3: Internally funded projects 2020

Research Policies & Forms

OPVCR has posted a large number of research policies and procedures on the FNU Research Website. Please find the hyperlinks below to the respective policies and forms on the website.

FNU Research Policy

[FNU Research Policy](#)

Higher Degrees by Research Policy & Procedures

[FNU Higher Degrees by Research Policy and Procedures](#)

Higher Degrees by Research Supervision Policy

[FNU Higher Degrees by Research Supervision Policy](#)
[FNU Thesis Structure Guideline](#)
[Research Proposal Guideline](#)

FNU Human Research Ethics Policy & Forms

[FNU Human Research Ethics Policy](#)
[Human Research Ethics Application Form](#)
[Participant Information Sheet](#)
[Consent Form](#)
[Confidentiality Agreement](#)

FNU Authorship Policy

[Authorship Policy](#)

Research Data Management Policy & Procedure

[FNU Research Data Management Policy](#)
[FNU Research Data Management Procedure for HDR Candidates](#)
[FNU Research Data Management Procedure for Staff, Adjunct and Visitors](#)
[FNU Research Outputs \(Publications, Patents, Others\)](#)
[Data Collection Policy & Procedure](#)

Higher Degrees by Research Forms

[FNU Nomination of Examiners Guidelines](#)
[Nomination of Examiners Form](#)
[External Examiner Declaration Form](#)
[External Examiner Guideline for Research Degrees](#)
[Examiners' Report on Doctoral Thesis](#)
[Doctoral Oral Examination Report Form](#)
[Candidature Confirmation Review Form](#)
[Completion Seminar Review Form](#)
[Mid Candidature Review Form](#)
[HDR Supervisor & Candidate Meeting Log](#)
[Change of Supervisors Request Form](#)
[Notification of Intention to Submit Form](#)
[Thesis Consent Form](#)
[Release of Thesis Form](#)

FNU Academic Conference Policy & Forms

[FNU Academic Conference Policy](#)
[Conference Funding Application Process](#)
[HDR Candidate Supervisor Support Form](#)

Upcoming Symposium - CMNHS

Title: Pacific Islands Health Research Symposium 2020 Extraordinaire

Date: 25th to 27th November 2020

Venue: Virtual Conference

Theme: Health Security in the Pacific Lessons from the Pandemic Experience

Call for abstracts: [Click Here](#) to submit.

Research Support from OPVCR

At FNU, you will experience our determined, shared and supportive culture throughout each stage of your research career. We provide the following research support. Please [click here](#) for more information on research support at the university.

Office of the Pro Vice Chancellor Research

For all research support and questions, please contact OPVCR on the details provided below:

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