



National Institute of Demographic and Economic Analysis

Te Rūnanga Tātari Tatauranga

THE UNIVERSITY OF WAIKATO

Annual Report 2018

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THE UNIVERSITY OF
WAIKATO
Te Whare Wānanga o Waikato

NIDEA's Mission Statement

NIDEA undertakes research at the interface of population and economics to help inform choices and responses to the demographic, social and economic interactions that are shaping New Zealand's future.

NIDEA seeks to address the population-economy interface by:

- modelling the effects of demographic and economic change at global, regional and national scales on long-term social transformation, competitiveness and productivity
- conceptualizing, measuring and evaluating options for enhanced wealth creation and general wellbeing in an increasingly diverse ageing society
- researching migration and the transnational dimensions of New Zealand's population and economy in Oceania
- enhancing understanding of the patterns, causes and consequences of regional social, economic, and ethnic diversity and disparity within New Zealand.

Underpinning these research programmes are three founding principles that permeate all aspects of NIDEA's activities:

- to produce innovative and consequential knowledge at the nexus of population and economy
 - to provide a bridge between new knowledge and its practical application in policy and business environments
 - to build research capacities in the areas of demography and economics that will secure the reproduction of research excellence in critical areas of social inquiry.
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Annual Report from the Director

Welcome to the 2018 annual report of the National Institute of Demographic and Economic Analysis. The past year has been one of change and continued success for NIDEA with the arrival of new staff, success in grant application and continued high profile presence of our staff in national and international academic, public and policy conversations.



This is my first annual report since taking on the role of Director of NIDEA in July 2018 and I want to begin by thanking the staff at NIDEA and all our associates and partners for the support they have provided as I transition into this challenging new role. NIDEA remains the only national institute of demographic and population-focused research in Aotearoa / New Zealand and it is a real honour to have the opportunity to work in such an esteemed centre and with a group of collegial and committed researchers.

During 2018, NIDEA staff and associates have continued to be immensely successful in both receiving research funding and working on a diverse range of projects. Staff are currently working on projects funded by the Cancer Society, Health Research Council, Marsden Fund, MBIE Endeavour Fund, National Science Challenges, Ngā Pae o te Māramatanga, Rutherford Discovery Fellowship as well as a range of internal and small grants. In addition to providing important funding to support the activities of researchers, NIDEA and the University of Waikato, the variety and quality of research projects undertaken at NIDEA speaks to the calibre of our researchers and the commitment to knowledge generation, transfer and impact.

The Medical Research Centre has continued to grow its research activities in the areas of cancer research, rural health and primary care amongst other topics. The team's success in funding and research is demonstrating the value of developing an academic centre focused on health and medicine that can speak directly to rural health challenges and concerns.

There have also been new staffing appointments in other parts of NIDEA. Sheree Findon joined us as Administrator, taking over the role that Brenda Hall had held for several

years. Dr. Arama Rata, who has been with NIDEA since 2017 was promoted to Senior Research Fellow in 2018. Within the Medical Research Centre, Dr. Tania Blackmore was promoted to the position of Research Fellow. In the middle of 2019 we will also welcome Dr. Yara Jarallah in the position of Senior Lecturer of Population Studies.

As Aotearoa/New Zealand's national institute of demographic and population-focused research, NIDEA also has a key role to play in engaging in public debate and consultation, as well as contributing to academic activities beyond the University of Waikato. Our staff are involved in a wide range of advisory roles and activities. Of particular note, Professor Tahu Kukutai is a member of the Census 2018 External Data Quality Panel and Child Wellbeing Strategy Reference Group for the Department of Prime Minister and Cabinet; Emeritus Professor Richard Bedford served as the President of Te Apārangi, the Royal Society of New Zealand until July 2018. Staff also hold senior editorial roles, including for the *New Zealand Population Review*, *New Zealand Geographer* and the *International Encyclopedia of Human Geography*. As this report demonstrates, NIDEA staff are also active contributors to public debates in a range of media.

The combination of active research with a focus on its impact for local, national and international communities is a key feature of NIDEA. As we work together towards further success in 2019 I look forward to opportunities to engage with our current collaborators and to build new partnerships in research, teaching and outreach.



Professor Francis L. Collins

NIDEA Directorate - Staff

Director

Professor Francis Collins PHD *Auck*

Emeritus Professors

Professor David Ian Pool CNZM BA MA NZ PhD ANU FRSNZ

Professor Richard D. Bedford QSO BA MA *Auck* PhD ANU FRSNZ

Professor Peggy Koopman-Boyden CNZM BA MA DipEd *Massey*

Professor Jacques Poot Drs *VU Amst* PhD *Well* HonFRNAAS MAE

Professors

Professor Tahu Kukutai BA BA(Hons) MSocSc *Waik* MA PhD *Stanford*

Associate Professor Polly Atatoa Carr MBChB, MSc, MPH, FNZCPHM

Professor Ross Lawrenson, Professor of Population Health MBBS, MD; DRCOG; Dip.Comm Health *Otago*; FP Cert; DHMSA; FAFPHM; FFPH; FRCGP

Senior Research Fellows

Dr Arama Rata BSc (Hons), PhD *Victoria*

Dr Lynne Chepulis (Medical Research Centre) BSc, MSc, Mphil, PhD

Research Fellows

Dr Tania Blackmore (Medical Research Centre) PhD

Dr Chunhuan Lao (Medical Research Centre) PhD

Jonathan Kilgour MBA (Dist), LLM (Hons), BSocSc

Research Officers

Shefali Pawar BE *Pune University* GradDip(Stats) *Waikato*

Moana Rarere BMS GradCert (SocPol) BSocSc(Hons) MSocSc(Hons) *Waikato*

Dr Rebekah Graham D.Phil (part-time Research Officer, Housing first MBIE project)

CaDDANZ Research Manager

Renae Dixon BSocS *Waik*

Personal Assistant to Professor Ross Lawrenson

Mrs Gillian Hunn

Administrator

Mrs Brenda Hall (to May 2018)

Mrs Sheree Findon (from July 2018)

NIDEA Associates and Research Associates

Dr. Lars Brabyn BA(Hons) BSc(Hons) PhD *Cant*

Dr. John Bryant BA BA(Hons) *Cant* PhD *ANU*

A/Prof. Michael Cameron BMS(Hons) PhD *Waik*

Dr. William Cochrane BSocSc MSocSc PhD *Waik*

Dr. Andrew Coleman PhD *Prin*

Len Cook CBE BA(Hons) *Otago* CB

Prof Lynda Johnston BA *Otago*, MSocSc PhD *Waik*

Dr Naomi Simmonds BSocSc MSocSc PhD *Waik*

Prof Nicola Starkey BSc(Hons) *C.Lancs*, PhD *Leeds*

Dr Sarah Jane Tiakiwai MA(Hons) *Auck*, PhD *Waik*

Prof Iain White BA(Hons), Mtpl, MRTPI, PhD *Manchester*

Affiliates

AProf Per Axelsson MSocSc PhD *Umeå*, Researcher Cedar - Centre for Demography and Ageing, Umeå University

Dr Hayley Bennett MPH MBChB BHB *Auck*, Public Health Medicine Specialist OraTaiao:

NZ Climate and Health Council

Dr Sarah Berry BSc MSc *Waik*, PhD *Virginia Tech*, Research Manager, Auckland War Memorial Museum

Dr John Bryant BA, BA(Hons) *Cant* PhD *ANU*, Statistics New Zealand

Dr. John Campbell BA MA *Cant*, PhD *Hawaii*, formerly Geography Programme FASS

Prof Yves Charbit BA, MA *Paris-Sorbonne*, Dip Sciences *Po*, PhD *Oxf*, Doctorat d'Etat ès-Lettres *Sorbonne*

Len Cook BA(Hons) *Otago* CBE, Victoria University of Wellington/Families

Commissioner SUPERU

Dr Robert Didham MSc *Cant* PhD *Tubingen*, Statistics New Zealand

Dr Natalie Jackson DipNZIMR, BSocSc, MSocSc *Waik*, PhD *Anu*, Natalie Jackson

Demographics Ltd

Prof Te Kani Kingi MA *Waik*, PGDipReoMāori *Waiariki*, PhD PGDipMaori *Massey*,

Executive Director: Research and Innovation, Te Whare Wānanga o Awanuiārangi

Dr David Maré BA, BCom, MCom *Auck* PhD *Harvard*, Motu

Prof Philip Morrison MA *Well* PhD *Toronto*, Victoria University of Wellington

Prof Susan Morton FAFPHM, PhD GradDipPH *LSHTM*, BHB MBChB *Auck*, DipED ,

Director: Growing Up in NZ/Centre for Longitudinal Research, University of Auckland

Dr Lynda Sanderson BA, BSc *Cant* BCA *Well* MPhil, PhD *Waik*, MBIE/MOTU

Dr Janet Sceats MSc, LSHTM, PhD *Lond*, Medical demographer

AProf Victor Thompson BA *UIUC*, MA PhD *SU*, Director of Law and Justice Program Rider University

Background to NIDEA

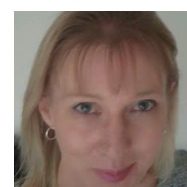
The National Institute of Demographic and Economic Analysis (NIDEA) was launched on 24 November 2010; its mission to undertake research that will help inform choices and responses to the demographic, social and economic forces that are shaping New Zealand's future. Initially an informal collaboration of researchers at the University of Waikato's Population Studies Centre, Waikato Management School and Wellington-based Motu Economic and Public Policy Research Trust, NIDEA now links together a virtual community of leading national and international researchers working at the interface of demography and economics. NIDEA research supports and guides decision-making in a broad range of areas such as the labour market, healthcare, local government planning, housing and education, welfare, business enterprise and the market generally. NIDEA also contributes to the building of research capacity in the field through its undergraduate teaching, supervision of graduate and postgraduate students, workshops and seminars.

The Year in Perspective

As NIDEA enters into its ninth year since launching the institute continues to maintain a significant reputation for the quality and impact of research while also experiencing considerable change in staffing and research foci. There have been several changes to NIDEA staff in 2018 that reflect earlier departures as well as our need to continue to build and diversify our research and teaching expertise. Research success has been evident in both ongoing work on a range of funded research and extensive publication success and the impact of NIDEA staff in national and international conferences.

NIDEA Staffing Developments

In May 2018, NIDEA bade farewell to Brenda Hall who had been the Administrator since 2015. Sheree Findon joined NIDEA as the new Administrator in July 2018, bringing significant experience from her previous role at Glenview Primary School in Hamilton.



Professor Jacques Poot (Drs, VU Amst PhD *Well* MAE) was officially appointed Emeritus Professor at the University of Waikato at a function hosted by the Vice-Chancellor on 23 February 2018.



Dr. Arama Rata was promoted to the position of Senior Research Fellow in 2018. This promotion reflects significant achievements in research on Māori cultural engagement and identity, health experiences and rural communities, including a recent Ngā Pae o te Māramatanga research platform grant.



Dr. Tania Blackmore was promoted to the position of Research Fellow in 2018. This promotion reflects the critical contributions Tania has been making to the Medical Research Centre's cancer research projects.



Francis Collins also joined NIDEA in July 2018 as Professor of Geography and Director. Francis' research focuses on temporary migration and cities with a particular focus on social and emotional drivers of migration and the impacts of changing migration regulation on migrant lives.



Other staff have joined existing research projects, including Rebekah Graham who will be working with Polly Atatoa Carr and Otilie Stolte on a project exploring the food-related practice of those formerly homeless, and Gauri Nandedkar who will work with Francis Collins on the *Nation and Migration* research programme.

In the middle of 2019 we look forward to welcoming Dr. Yara Jarallah to NIDEA as Senior Lecturer of Population Studies; Yara has a PhD from Brown University and is an expert in demography with a particular emphasis on forced migration and war.

Research

As this report demonstrates, NIDEA researchers have continued to be enormously successful, evidenced both in their work on a range of funded research projects as well as in publications and calls to participate in media debates. NIDEA staff published 41 peer reviewed journal articles, 4 book chapters and 1 book in 2018; other publications include 1 commissioned report, 5 working papers and 4 papers in conference proceedings. In addition, NIDEA staff gave 17 keynote, plenary or invited presentations in 2018 as well as contributing to wide range of international and national conferences. Collectively, NIDEA staff also gave 12 media interviews during 2018.

Integrated Data Infrastructure Lab

The IDI (Integrated Data Infrastructure) continues to be widely used among NIDEA researchers and also researchers from other faculties and outside organisations such as the Ministry of Social Development. The Data Lab adjoins NIDEA offices and provides an enormously valuable and powerful resource for exploring population change. The IDI, and our ability to access microdata in the Data Lab, have become increasingly important as a wider range of statistical data has become available and also in the context of the delayed release of the 2018 New Zealand Census of Population and Dwellings. As the use of microdata becomes more common amongst researchers both within the University of Waikato and beyond there is a need to review the accessibility of the IDI Data Lab, a task that we are undertaking in 2019.

2018 Pathways Conference

The Pathways conference is an annual event for research and policy communities to discuss current issues relating to immigration and diversity. It has been co-organised for many years by researchers at NIDEA, Massey University and MOTU Economic and Public Policy Research; in recent years Pathways has been an important part of the CaDDANZ research programme. The 2018 conference was held at Massey University's Albany campus on the 8th and 9th of February. The conference focus on diversity and inclusion is reflected in the title 'He Rākau Tau Matua' which refers to a tree that provides sustenance and safety to all those who inhabit the forest. Over two days 200 delegates participated in discussions about diversity, migration, community, inclusion and identity. Participants heard from keynote speakers Professor Steven Vertovec and Associate Professor Amanda Wise alongside community and policy representatives and academic researchers. The 2019 Pathways conference, entitled *Diversifying Migration: between difference and inequality*, is scheduled for 19-20 November 2019.



Pathways Planning Committee: Paul Spoonley, Julie Taylor, Jessica Terruhn, Carina Meares, Renae Dixon, Arama Rata, Rakesh Naidoo.

Externally Funded Research

NIDEA's staff devote the majority of their time to research. This includes actively seeking new grant applications and on-going or new funded programmes from major external funders: Health Research Council (HRC), Ministry of Business, Innovation and Employment (MBIE), and the Marsden Fund Council. NIDEA's researchers also participate in a number of commissioned reports and consultancies. NIDEA staff have also been actively involved in the National Science Challenges (NSC), not only as collaborative research partners, but also as invited members on management panels.

Counting our Tūpuna

Marsden Fund (\$735,000)

NIDEA Staff: Tahu Kukutai

In 2018 Professor Tahu Kukutai continued work on her Marsden Fund project 'Counting our tūpuna' which investigates the impacts of land alienation and settlement on Māori population size, structure and survivorship during the peak decades of colonisation. Working alongside Ngāti Tiipa, a Waikato hapū, the project combines family reconstitution methods, oral history, and whakapapa knowledge to try and identify all Ngāti Tīpa tūpuna (ancestors) between 1840 and 1900. It is the first attempt at full population reconstruction in Aotearoa NZ. The interdisciplinary project team includes Prof Kukutai, historian Dr Nepia Mahuika, anthropologist Dr Des Kahotea, statistician Dr John Bryant, technologist Vanessa Clark, kaumātua Karu Kukutai, kaiarahi/facilitator Heeni Kani and MA student Denise Ewe.

In the last year the team have engaged in a massive data repatriation exercise, digitising and triangulating data from state and church archives, the Māori Land Court, vital data sets (e.g, births, deaths) and historical newspapers. These data have been repurposed by Ngāti Tiipa, drawing on their own mātauranga (customary knowledge), whānau whakapapa collections and kōrero shared in a series of marae-based wānanga. All of the data are being deposited into a cloud-based digital archive that will be owned and controlled by Ngāti Tiipa with de-identified genealogical information available for demographic modelling. The team have also been working with Ngāti Tiipa whānau to develop the tikanga and kawa (ethics, processes, principles) that will guide access and

use of information in the Ngāti Tiipa digital archive, drawing on principles of Māori and Indigenous data sovereignty.

In 2018 Prof Kukutai and colleagues presented their work at the National Oral History Association Conference, Nga Taonga Tuku Iho conference and National Digital Forum, and will be taking a workshop at the He Au Honua indigenous research conference in Hawai'i in March 2019. Prof Kukutai and Dr Mahuika have also been invited to co-edit a special issue on 'Indigenous perspectives on genealogical research' for the open access journal *Genealogy*, to be published in late 2019. Dr Bryant and Prof Kukutai have also been working on simulation models of mortality using hapū and kāinga (village) data from late 19th century published censuses. One aim of the paper is to better understand the usefulness and limits of such data for the historical demography of colonised indigenous populations.

Promising Futures - Kia Whakapiri Mai: Bridging the home and away divide to enhance engagement

Ngā Pae o te Māramatanga Research Platform (\$259,895)

NIDEA Staff: Arama Rata

This NPM Platform Project is building an understanding on how to build stronger, more connected iwi, through enhancing engagement with Māori governance entities.

Contemporary Māori governance entities are tasked with representing, supporting, and distributing resources to their members. However, these members may be disengaged, and live a great distance from entity headquarters. Current demographic trends show that the emptying of the regions in favour of the major urban centres will continue, prompting the question: how can contemporary Māori governance entities curb the legacy of colonialism and strengthen engagement with all their members, regardless of where they're living? In this platform project we are exploring, through qualitative interviews, how Māori governance entities engage with their affiliates. We are then partnering with one tribal governance entity and developing an in-depth demographic profile of the iwi they serve, based on census and iwi register data, to determine the extent of the entity's engagement with tribal affiliates. Finally we are surveying the members of our partner tribal governance entity to co-construct an engagement strategy tailored to the entity.

Impact Evaluation of the KidsCan Early Childhood Pilot Programme

KidsCan (\$113,000)

NIDEA Staff: Polly Atatoa Carr

KidsCan is developing an initiative to extend its provision of food, clothing and health products to early childhood centres. The aim of the KidsCan programme is to “increase sustained participation at ECEs for children in material hardship by supporting families in removing the material hardship barriers to participation”. By supporting sustained participation in ECE it is hoped the children’s learning will be enhanced, which in turn should support their achievement when they go to school. The KidsCan programme in the ECE environment includes a food programme, designed in partnership with the Heart Foundation, a Health programme and clothing (particularly shoes and raincoats). In partnership with staff in Te Oranga (the School of Human Development and Counselling), Assoc. Prof Atatoa Carr is working on a summative evaluation contract to determine the value of KidsCan in the ECE setting, and also to evaluate the developmental process of this programme in order to enhance progress. This connects particularly with her research and practice considering health and wellbeing outcomes, and population child health equity, through action outside of the specific health care sector.

Nation and Migration: population mobilities, desires and state practices in 21st century Aotearoa/New Zealand

Rutherford Discovery Fellowship, Te Apārangi Royal Society of New Zealand (\$800,000)

NIDEA Staff: Francis Collins, Richard Bedford

In a context of increasing temporary and circular migration, there is evidence that the relationship between nation and migration is being reworked in ways that challenge our conceptions of the stability of national populations and the capacity for the state to influence national futures. This programme of research re-examines the relationship between nation and migration in this context of increasing mobility, temporariness and circularity through three studies that address the changing patterns of migration into New Zealand, the trans-Tasman mobility of New Zealanders, and the role of migration in governmental imaginings and enactments of national futures.

During 2018 the fieldwork for study 1 on the mobility patterns and experiences of new temporary migrants working as trades workers in Christchurch, dairy farm workers in the Waikato region and nurses and healthcare assistants in Auckland was completed. Substantial progress was also made on study 3, which addresses the way in which migration and diversity are figured in the development of migration policy, film and media and institutional diversity policies. Francis presented findings from the Nation and Migration research programme at four international and three domestic conferences in 2018; publications arising from the research have now appeared in *Emotions, Space and Society*, *Journal of Ethnic and Migration Studies*, *Journal of Intercultural Studies* and the edited collection *Fair Borders? Migration Policy in the Twenty-First Century* (ed. David Hall).

CaDDANZ: Capturing the Diversity Dividend of Aotearoa/New Zealand

Ministry of Business Innovation and Employment Endeavour Fund, (\$5,519,123)

NIDEA Staff: Francis Collins, Tahu Kukutai, Arama Rata, Renae Dixon

NIDEA Associates and Affiliates: Lars Brabyn, Michael Cameron, Natalie Jackson, Dave Mare

CaDDANZ investigates how Aotearoa New Zealand can better prepare for, capture and maximise the benefits of an increasingly diverse population. The research measures, maps and analyses the complex societal impacts of diversity and the implications for businesses, households and communities of mobility, migration, indigeneity, ethnic identity, demographic change (including structural ageing and fertility) and

urban/regional disparities. A

significant component of the research is concerned with the implications of diversity for Māori and with how Māori engage with diversity. The research programme is comprehensive, multi-phased and organised around three themes: ethno-demographic diversity; societal impacts and opportunities; and institutional implications and responses.



CaDDANZ researchers at the annual retreat, Our Lady's Home of Compassion, Island Bay, Wellington

Over the 2018 year, the CaDDANZ team have successfully led and supported a range of research activities and continues to work with end users, stakeholders and the public. An important way that CaDDANZ researchers are connected with the wider research community and end users has been through the 2018 Pathways Conference – He Rakau Tau Matua: Pathways, Diversity and Inclusion, held at the Massey University, Albany campus on 8-9 February 2018. This year the conference was supported by Auckland Council, the Human Rights Commission and Diversity Works New Zealand. The New Zealand Atlas of Population Change (<http://socialatlas.waikato.ac.nz/>), co-developed by Dr Natalie Jackson and Dr Lars Brabyn, is now live. The focus of the Atlas is the provision of maps illustrating New Zealand’s spatial diversity across a broad range of variables.

CaDDANZ’s researchers have generated a substantial number of refereed articles (14), books and book chapters (10), conference, seminar and hui presentations (38), reports (13), and non-peer reviewed articles (24). These works have contributed to developing a new evidence-based understanding of demographic diversity, implications and institutional.

What are the housing-related experiences of families with young children in New Zealand today? Does this experience differ for those families living in rental or social housing and/or on low incomes?

Ministry of Social Development: Children and Families Research Fund (\$147,865)

NIDEA Staff: Polly Atatoa Carr

This research involves a partnership between Dr Atatoa Carr, the Growing Up in New Zealand (GUiNZ) team at the University of Auckland and Housing New Zealand (HNZ) to combine expertise, administrative and GUiNZ data and analytics to better understand the housing environment New Zealand children experience, particularly those in rental accommodation and in low income families.

The overarching aim is to determine the housing-related environment for families with young children in New Zealand throughout the critical early years, drawing on information (on housing tenure, child context, and child and whānau outcomes)

collected throughout the first seven years of the GUiNZ longitudinal study. Associate Professor Atatoa Carr was the Associate Director of GUiNZ prior to moving to NIDEA, and remains the lead investigator of the Culture and Identity Domain of this significant multidisciplinary research programme.

This research connects to Associate Professor Atatoa Carr's, and NIDEA's, research focus on the societal, community, cultural and environmental context of population outcomes, health equity, and research translation into policy and programme outcomes through partnership with community agencies such as Housing New Zealand.

Mana Whenua Building Vibrant Communities

Building Better Homes Towns and Cities National Science Challenge, MBIE

(\$728,642)

NIDEA Staff: Jonathan Kilgour, Moana Rarere

This project is developing a Maori and mana whenua perspective of regeneration in regional Aotearoa New Zealand. The study is specifically focused on three North Island towns: Pōkeno, Huntly/ Rāhui Pōkeka and Ōpōtiki. This project forms one of several projects that support success in regional settlements and has been comprised of an interdisciplinary project team including Jonathan Kilgour, Dr John Ryks, James Whetu, Amy Whetu, Dr Polly Atatora Carr, Thalia Ullrich, Maui Hudson, Moana Rarere, Jesse Whitehead and Lynley Uerata.

In 2018, the project team completed an exploratory indicator framework for measuring regeneration in regional settlements and community engagement in each of the three place-based study sites. The exploratory framework has been published in the New Zealand Population Review and presented to the New Zealand Geographical Society/Institute of Australian Geographers' Conference and the Regional Studies Association Conference. Our team has provided advice to participating mana whenua groups on potential pathways to realise development aspirations in their towns and communities.

The study findings emphasise the importance of Māori and mana whenua perspectives in regional development, regeneration and wellbeing conversations. It also, like other projects in the Challenge, confirms the importance of cultural, social and human capitals to regional development. Meanwhile policy and planning frameworks often reduce the regenerative capacities of regional towns as they often do not appropriately provide for the aspirations of

local communities. Through this project, and future research, the aim is to work with communities to build community capabilities to achieve their aspirations and to develop tools to address barriers to mana whenua and community development.

Te Iti me te Rahi: Everyone Counts, Report of Māori health workforce survey

Te Rau Matatini (\$10,000)

NIDEA Staff: Arama Rata

This report provided a detailed analysis of the Māori health workforce survey Te Iti me te Rahi: Everyone Counts, undertaken by Te Rau Matatini.

Does a Whānau Ora approach improve outcomes for hospitalised tamariki?

Health Research Council Rangahau Hauora Māori (\$944,494)

NIDEA Staff: Polly Atatoa Carr, Rebekah Graham

This research aims to measure the impact of a comprehensive and holistic Māori approach to assessing and addressing needs for children and their whānau within the paediatric department at Waikato District Health Board (DHB). The proposal builds on the existing collaboration between NIDEA, Te Puna Oranga (Māori Health) at the DHB, and Waikids, and involves Dr Bridgette Masters-Awatere in Community Psychology at the University of Waikato. A Whānau Ora assessment instrument (the Harti Hauora Tamariki, HHT) tool has been developed, and currently paediatric patients and their whānau are being randomised into the HHT intervention in order to determine the level of unmet need identified and assess the ability of the HHT to improved whānau outcomes and reduce hospital readmissions for tamariki Māori. In 2018 Drs Masters-Awatere and Graham conducted qualitative interviews of whānau with children who had required a hospital admission, and further assessment of their narrative; the quantitative impact assessment of the HHT tool is expected in 2019.

Variations in the management and outcomes of women with metastatic breast cancer

Breast Cancer Foundation (\$79,763)

NIDEA Staff (Medical Research Centre) Chunhuan Lao

There are great variations in the clinical course (including pattern of metastatic spread), treatment and outcomes of women with metastatic breast cancer. This project aims to 1) demonstrate the management and outcomes of women with metastatic breast cancer, 2)

examine the influence of age, comorbidities, social deprivation and ethnicity, and 3) explore the difference between women with de novo metastatic breast cancer and women with recurrent metastatic disease.

This is a record linkage study using the Combined Breast Cancer Register (CBCR), Pharmaceutical Collection (PHARMS), National Minimum Dataset and Mortality collection. The study population will include women with de novo metastatic breast cancer (1600 women) and women with recurrent metastatic breast cancer (4000 women) in 2010-17.

Geographic and ethnic disparities, and costs of osteoarthritis associated hip and knee replacements surgeries in NZ

Lottery Health research Grant (\$35,928)

NIDEA staff (Medical Research Centre) Chunhuan Lao

The project will explore the regional and ethnic disparities in rates of osteoarthritis associated hip and knee replacement surgeries, and will estimate the mortality ratio between these patients and the general population using the national datasets. This project will also estimate the costs of osteoarthritis related hip and knee replacement surgeries in New Zealand and to identify the factors that are relevant to the elevated costs.

Community use of strong opiate following total hip and knee joint replacements

Waikato Medical Research Foundation (\$17,270)

NIDEA Staff (Medical Research Centre) Chunhuan Lao

This project aims to review opiate use following discharge after primary total hip or knee joint replacement in New Zealand. It will explore regional variations in practice, quantify the duration of strong opiates and review variations between age, sex, ethnicity and comorbidities. It will also look for any association of these variables with length of hospital stay and readmission

Effects of the gut microbiome in the progression of gestational diabetes to type 2 diabetes

Paykel Trust (\$5,000) and Sanofi (\$20,000)

NIDEA Staff (Medical Research Centre) Lynne Chepulis

Gestational diabetes (diabetes during pregnancy) affects up to 7% of New Zealand women and has health implications for both mother and child. For both, these include an increased likelihood of developing obesity, diabetes and other metabolic disease. Currently, little is known about why certain women are predisposed to develop gestational diabetes, nor why children born to these mothers also carry a higher risk of metabolic disease. However, a growing number of studies has suggested that there is a strong correlation between the types of bacteria present in the gut of these women and disease development. Thus, this study is evaluating changes in the gut microflora populations during pregnancy of women with gestational diabetes and comparing it to that seen in healthy pregnant women. Secondly, we are measuring the gut microflora of babies newly born to these women to determine if a mother's microflora pattern is passed onto her child. Our aim is that this information can be used to inform a future study to evaluate how gut bacteria populations can be altered (ie with probiotics and/or specific antibiotics), as a means of influencing outcomes of the disease.

Internally Funded Research

Changes in the Gut Microbiome in gestational diabetes

FASS contestable research grant (\$10,950)

NIDEA Staff (Medical Research Centre): Lynne Chepulis

This study is evaluating changes in the gut microflora populations during pregnancy of women with gestational diabetes and comparing it to that seen in healthy pregnant women. Secondly, we are measuring the gut microflora of babies newly born to these women to determine if a mother's microflora pattern is passed onto her child. Our aim is that this information can be used to inform a future study to evaluate how gut bacteria populations can be altered (ie with probiotics and/or specific antibiotics), as a means of influencing outcomes of the disease.

Collaborative Health: The University of Waikato Medical Research Centre

The University of Waikato Medical Research Centre is an initiative between the University of Waikato and the Waikato DHB. It aims to facilitate improved health outcomes in the region through clinical research. The intent is to support clinical academics to undertake research and to help answer research questions that are important to the Waikato and Midland Region and its communities.



Professor Ross Lawrenson, Population Health

We work with clinicians who are interested in improving care for their patients through research. We can provide research support from study design and help with analysis as well as finding research funding. We are also keen to support emerging researchers with their postgraduate studies.

The University of Waikato already has research and teaching in the areas of Anatomy, Neurosciences, Physiology, Biomechanics, Biology, Chemistry, Biochemistry, Molecular biology, Genetics, Cell Biology, Pharmacology, Nutrition, Microbiology, Human Development, Psychology, Population Health, Epidemiology, Community Health, Sociology and Social Work. It also has a developing School of Health, Sport and Human Performance with well-equipped human performance laboratories.

Our Mission Statement

We aim to be an internationally recognised centre of excellence for medical research, complementing our health partners' reputation for providing world-class clinical care.

Core Objectives

- *Focus on the needs of patients and local populations: support and work in partnership with health care providers to identify and address unmet medical needs, whilst promoting health equity and best practice.*
- *Build a culture of partnership and collaboration: promote inclusivity, partnership and collaboration to consider and address local, regional and national priorities.*

- *Speed up adoption of innovation into practice to improve clinical outcomes and patient experience – support the identification and more rapid spread of research and innovation at pace and scale to improve patient care and local population health.*

Our people

Professor Ross Lawrenson
 Gillian Hunn – Personal Assistant
 Dr Lynne Chepulis – Senior Research Fellow
 Dr Ryan Paul – Senior Lecturer, Endocrinology
 Dr Chunhuan Lao – Health Economist
 Dr Tania Blackmore – Research Fellow
 Dr Shemana Cassim – Research Fellow
 Leonie Brown – Research Assistant
 Sheena Moosa – Analyst
 Dr Rawiri Keenan – Research Fellow

Honorary Appointments

Dr Liza Lack
 Dr Steven Lillis
 Tim Norman
 Professor Adam El Gamel
 Dr Blaithin Page

PhD/MD Students

Tamati Peni (University of Waikato, NIDEA)
 Jesse Whitehead (University of Waikato, NIDEA)
 Malgorzata Hirsz (University of Waikato, NIDEA)
 Melissa Edwards (University of Auckland)
 Garry Nixon (University of Otago)

Elective Students

Nicola Rowe, 2018 (Flinders University)
 Dong Hyun Kim, 2019 (Auckland University)

Summer Studentship 2018/2019

Christopher Mayo
 Neve McLean
 Brittany Ryan
 Elaine del Mundo-Ramos

Relationship with Waikato District Health Board

Waikato District Health Board is one of the biggest in the country and provides a range of clinical services including those of the main tertiary centre for the Midland Region. It is also responsible for purchasing a number of important community based services from local providers. The Waikato Hospital is a 700 bed regional base hospital providing general services for a population of 400,000 and tertiary specialist services for a regional population of 850,000. A regional trauma service is provided with a dedicated helicopter service based on campus. The University of Waikato Medical Research Centre is the on hospital campus and provides easy access to medical and health staff to active clinical research facilities.

Areas of research

Lung Cancer

HRC Lung Cancer Study. Overall lung cancer survival in NZ is poor especially for Māori. This is because lung cancer is typically diagnosed at a late stage once a patient has presented with symptoms. The reasons for late diagnosis can be due to both patient and health system factors. Both need to be addressed in order to improve survival. Our hypothesis is that a multi-pronged, community designed intervention will improve early detection and diagnosis for Māori with symptoms of lung cancer. We aim to understand the barriers to early diagnosis of Māori at risk of lung cancer. We then will through a community based co-design process develop and implement an intervention to improve early presentation and diagnosis of at risk Māori.

Colorectal cancer

HRC Colorectal cancer study. Colorectal cancer is the most commonly registered cancer in New Zealand (NZ) with 3000 cases diagnosed every year and over 1200 deaths per annum. NZ has a 5 year survival rate significantly (5%) lower than that in Australia. This difference has been attributed to NZ lagging behind in both diagnosis and treatment. NZ has a low proportion of patients diagnosed with stage 1 disease. On the other hand 34% of patients with colon cancer presented to the emergency department (ED) as mode of first presentation, with 44% of Māori presenting this way. Thus, delay in diagnosis is deemed to be a major cause of the poor survival data and the inequity for Māori. Delay in diagnosis can be patient or health system related. Part of the delay may be in patients not recognising their symptoms as being important and requiring assessment. Delay can also occur due to the actions of primary care due to signs and symptoms not being recognised as cancer related. We believe that given the high incidence in NZ, the generally late presentation and high mortality that there is potential to improve health outcomes by identifying and addressing causes for the delay in diagnosis of CRC. The aims of the project are: 1. To explore the routes to diagnosis and intervals throughout the detection period; 2. To identify facilitating and impeding factors during the detection period (including bowel screening and faster cancer treatment pathways); 3. To understand the patient experience from first awareness of signs, symptoms, or suspicion of cancer- to presentation to a GP or ED, to CRC diagnosis and first treatment.

Breast Cancer

The University Of University, Waikato Medical Research Centre works closely with Associate Professor Ian Campbell on breast cancer research This work has been predicated on the Waikato Breast Cancer Register which is now part of the National Breast cancer register. Its funding has been principally supported by the Waikato Breast Cancer Trust (<http://wbcrt.org.nz/>) and the Breast Cancer Foundation. The team have been responsible for a major study funded by the HRC entitled “Improving outcomes from breast cancer in New Zealand women.” This study has led to a number of publications and presentations. It has supported two PhD scholarships –one through the University of Waikato and one through the University of Auckland.

Prostate Cancer

The team became involved in prostate cancer research with a 2010 grant from the RC to look at the costs and complications of prostate cancer. This was carried out in conjunction with Mr Michael Holmes, Waikato Urologist, Professor Peter Gilling from the University of Auckland and Dr Lianne Tyrie from the ...Kilgour Cancer Centre. Following this Professor Lawrenson has also been working with the TrueNth International group on improving screening and assessment care for men with prostate cancer. Prof Lawrenson and urology nurse Tiffany Schwass attended the International TrueNth meeting in Cairns and are now part of an international group looking at sexuality in men with prostate cancer and their partners. In March 2017 Prof. Lawrenson chaired a workshop on CALM – a program for improving the psychosocial health of men with prostate cancer. In 2016 we were awarded a small grant from the Waikato Medical research Foundation to help us develop the Waikato Bay of Plenty Prostate Cancer Register. This Register now has more than 250 men registered and Dr. Tania Blackmore has carried out a survey of men’s health.

Primary Care

Our research is aimed at providing an evidence base to help support the development of general practice and primary care. We see general practices as the cornerstone of the New Zealand Primary Care Strategy. Our research has particularly involved chronic disease management including diabetes and cardiovascular disease as well as common but less researched topics such as thyroid disease and polycystic ovary syndrome. We

are also interested in better understanding the organization of primary care services including workforce issues. Much of this research has been in collaboration with local general practitioners and registrars in training.

Rural Health

Waikato and Midland Region are characterized by being a world renowned centre of primary production – particularly for pastoral farming, forestry and fishing. It is a geographically large region which is not densely populated with 60% of its population living rurally. The health needs and health care provision of rural populations is therefore an important area of research for our health partners. The Centre has established links with the Waikato District Health Board, NZ Rural General Practice Network, University of Otago (Dunedin) School of Medicine, Rural Academic Research Group (RAOR).

Diabetes and Nutrition

The Waikato DHB has a regional diabetes service which provides care for more than 20,000 patients with diabetes. We have worked in conjunction with both general practice and the diabetes service to try and help improve care for people with diabetes.

Cardio-thoracic surgery

The Waikato Cardio-Thoracic Surgical Unit is one of the busiest in Australasia. It is led by Associate Professor Adam El Gamel who is an international expert on valvular heart disease. Mr David McCormack is a newly appointed surgeon with an interest in surgical training. The unit has a range of research activities underway including with the Faculty of Science and Engineering. The aim is to build the foremost research and training centre for cardio-thoracic surgery in Australasian in conjunction with the University of Waikato.

Health Economics

Dr Chunhuan Lao has been working with the hospital clinicians looking at the cost effectiveness of differing health services. Projects includes the costs for patients living with arthritis, the costs of orthopaedic hip and knee replacements and the cost effectiveness of day surgery for ENT treatments.

NIDEA Students and Graduates

NIDEA is committed to capacity building through teaching, supervision and the provision of meaningful research opportunities for students. The core second year Population Studies undergraduate paper continues to attract a substantial number of students, including those seeking to major in Population Studies as well as students from across the BSocSci, BA and BEnvPlan. The PhD programme at NIDEA has also continued to grow with four new PhD candidates joining in 2018 and early 2019, Malgorzata Hirsz (supervised by Lynne Chepulis), Kate Sewell (supervised by Francis Collins), Carole McMinn (supervised by Polly Atatoa Carr) and John Natua (supervised by Polly Atatoa Carr). These additions bring the total number of PhDs to 10 with four further candidates scheduled to join NIDEA in 2019.

During the course of 2018, Janet Amey was awarded a PhD for a thesis examining *Rising Demand for Healthcare: The sustainability community general practice in the Waikato* (supervised by Tahu Kukutai, Ross Lawrenson and Steven Lillis, University of Auckland).



Angga Rahadian completed her Master of Social Science thesis entitled *How can fathers breastfeed? Asking Ayah in Jakarta, Indonesia* (supervised by Polly Atatoa Carr).

Achievements

Many of the students gained prestigious awards or notable achievements. Angga Rahadian, Masters Student, won the 3 minute Thesis competition, University of Waikato, and represented the University of Waikato at the national event in Christchurch.



Moana Rarere, PhD Student and Research Officer at NIDEA, received the Rangahau Award for best Māori Research paper at the 2018 Faculty of Arts and Social Sciences Postgraduate Conference.



Masters Supervision

Polly Atatoa Carr

Angga Rahadian (completed 2018)

- How can fathers breastfeed? Asking Ayah in Jakarta, Indonesia
- Winner of “3 minute Thesis” Competition at University of Waikato

Sam Guy (completed 2018, co-supervised with Dr Jaimie Veale, Psychology)

- Topic: Healthcare accessibility for trans and gender diverse New Zealanders

Francis Collins

Renaë Dixon (Master of Social Sciences, Demography)

- Topic: Attitudes towards immigrants and immigration: A narrative review
- CaDDANZ Research Study Grant recipient

Thomas Bayliss (Master of Science, Geography, University of Auckland)

- Topic: ‘For me it was super easy, but for other people...’: Investigating assisted inclusion and the privilege to move ‘freely’ between New Zealand and Australia
- University of Auckland Masters Scholarship recipient

Jonathan Kilgour

Alysha Reti (Master of Business Administration, Management)

- Topic: What is whanau transformation through education?

PhD Supervision

Polly Atatoa Carr

Carole McMinn (PhD in Population Studies)

- Topic: Homeless Families of Hamilton: Exposing the Invisible Homeless of Hamilton and Their Journey to Sustained Tenancies Under a Housing First Approach
- Supported through PhD Scholarship as part of the MBIE funding “Housing First” research programme

John Natua (PhD in Population Studies)

- Topic: Understanding drivers towards better health and wellbeing for Cook Island families in the Waikato and Midland regions

Renee Shum (PhD in Population Studies)

- Topic: Geographies of Homelessness: A case study of The People's Project Supported through the MBIE funding "Housing First" research programme

Jesse Whitehead (PhD in Population Studies)

- Topic: Are General Practitioner Services Spatially Equitable and Sustainable in the Waikato District Health Board Region?
- Recipient University of Waikato Doctoral Scholarship; Rural Research Grant

Megan Lenny (PhD in Psychology; Supervised with Nicola Starkey and Cate Curtis)

- Topic: Understanding the adolescent experience of self-harm

Francis Collins

Kate Sewell (PhD in Geography)

- Topic: Realising Inclusion within Urban Regeneration Policy and Practice: the role of diverse perceptions, experiences and expectations
- University of Waikato Doctoral Scholarship recipient

Rachael Boswell (PhD in Geography, University of Auckland)

- Topic: The role of artist's creative spatial practices in urban regeneration after disasters

Harry Shi (PhD in Geography, University of Auckland)

- Topic: Cooking desires, living aspirations: the migration and everyday life of Chinese chefs in Auckland, New Zealand
- Funded by PhD Scholarship from *Nation and Migration* research programme

Roseanna Spiers (PhD in Geography, University of Auckland)

- Topic: Travelling bees: following live honey bee exports
- University of Auckland Doctoral Scholarship recipient

Sarah Jane Lipura (PhD in Asian Studies, University of Auckland)

- Imagining the Periphery and Desiring to Become: Korean Student Mobility in Non-Traditional Study Destinations in Asia Pacific
- University of Auckland Doctoral Scholarship recipient

Tahu Kukutai

Patrick Broman (PhD in Population Studies)

- Topic: In Pursuit of the 'We': Analysing Demographic 'New Zealandness'

Janet Amey (Completed, PhD in Population Studies)

- Topic: Rising Demand for Healthcare: The sustainability community general practice in the Waikato

Desi Small Rodriguez (PhD in Population Studies)

- Topic: Realising self-determination through tribal enumeration and localised data development

Moana Rarere (PhD in Population Studies)

- Topic: Understanding contemporary Māori demographic reproductive patterns

Prabin Shakya (PhD in Population Studies)

- Topic: Premarital sexual behaviour among adolescents in Nepal

Ross Lawrenson

Tamati Pene (PhD in Populations Studies)

- Topic: Improving supportive care for women with breast cancer

Jesse Whitehead (PhD in Population Studies)

- Topic: Are General Practitioner Services Spatially Equitable and Sustainable in the Waikato District Health Board Region?

Lynne Chepulis

Malgorzata Hirszt (PhD in Health Development and Policy)

- Topic: How can we improve time to diagnosis of colorectal cancer in symptomatic patients? Symptoms and patient characteristics as criteria for diagnosis of colorectal cancer in primary and secondary care in New Zealand

Jacques Poot

Omoniyi Alimi (PhD in Economics)

- Topic: Inequality Within and Between New Zealand Urban Areas
- NIDEA Doctoral Scholarship recipient

Mohana Mondal (PhD in Economics)

- Topic: Future Spatial Distribution of Ethnicity in Auckland

Postgraduate Completions

Janet Amey , Thesis title “Rising Demand for Healthcare: The sustainability of community general practice in the Waikato”

Angga Rahadian Thesis title “ How can fathers breastfeed? Asking Ayah in Jakarta, Indonesia”

Summer Scholarship Programme 2018-2019

NIDEA researchers are committed to building research capacity and are keen supporters of the University of Waikato’s Summer Scholarship programme. In some years, a few scholarships are co-funded by the NIDEA Research Trust Account; others are co-funded by external organisations

Four Summer Scholars were taken on by the Medical Research Centre - Christopher Mayo, Neve McLean, Brittany Ryan and Elaine del Mundo-Ramos. Neve McLean was a runner up in the end of project poster completion for her poster titled, “*The influence of gestational diabetes mellitus on maternal and neonatal gut microbiota during and after pregnancy*”

Professional and Editorial Roles

Polly Atatoa Carr:

- Member of HRC Science Advisory Committee (meeting Sept 2018)
- Member, Waikato Medical Research Foundation Grants Committee
- Member, Steering Group, NZ Child and Youth Epidemiology Service
- Advisory Board Member, Racism, Discrimination and Stigma work programme - Child and Youth Wellbeing Strategy
- Member, Anglican Action Trust Board

Richard Bedford

- President, Royal Society Te Apārangi (to July 2018)
- Chair, Governance Group, Building Better Homes, Towns and Cities National Science Challenge (MBIE and BRANZ)
- Chair, Health Research Priorities Development Group (HRC)
- Chair, 2018 Census External Data Quality Panel (Stats NZ)
- Member, Auckland War Memorial Museum Trust Board
- Member, Antarctic Heritage Trust

Francis Collins

- Human Geography Editor, *New Zealand Geographer*
- Section Editor, *International Encyclopedia of Human Geography* (2nd Edition)
- Series Editor, *Pacific Rim Geographies* book series (Routledge)
- Series Editor, *Global Migration in the Asia-Pacific* book series (Anthem Press)
- Editorial Board, *Social and Cultural Geography*
- Editorial Board, *Asian and Pacific Migration Journal*
- Advisory Board Member, Constructing Transnational Spaces of Higher Education Research Project (Leibniz Institute for Research on Society and Space)
- Advisory Board Member, Youth Mobilities, Aspirations & Pathways Project (Australian Research Council)

Tahu Kukutai

- Member, Census 2018 Census External Data Quality Panel
- Member, Child Wellbeing Strategy Reference Group, Department Prime Minister and Cabinet
- Health Research Council of New Zealand Ethics Committee
- Member, Independent Advisory Group to the Chief Actuary, Oranga Tamariki
- Co-Chair, Research Data Alliance – International Indigenous Data Sovereignty Interest Group
- Member, Technical Advisory Group to Iwi Data Leadership Group, Iwi Chairs Forum.
- Member, Waikato Medical Research Foundation grants committee
- Executive committee of Mana Raraunga Māori Data sovereignty Network
- Vice-President, Population Association of New Zealand
- Editor, *New Zealand Population Review*

Jonathan Kilgour

- Regional Co-ordinator, Asia-Pacific Network, Human Development and Capability Association.

Arama Rata

- MAI Journal, Editorial board
- Maori Association of Social Sciences, committee member

Jacques Poot

- Member, European Science Foundation College of Expert Reviewers
- Lead Assessor, New Zealand Ministry of Business, Innovation and Employment (MBIE) Endeavour Fund applications (Smart Ideas and Research Programme)
- Section Editor, “Regional economic growth” Handbook of Regional Science, Springer Verlag
- Vice-President, Jury for the European Regional Science Association (ERSA) prize.

Guest Lectures

Polly Atatoa Carr

- Human Development Children's Development in Families HDCO301
- Psychology Research Methods PSYC208

Shemana Cassim

- Discourse analysis and narrative research PSYC307 lecture, school of Psychology, University of Waikato
- Analysis of qualitative data PSYC307, School of Psychology, University of Waikato
- Qualitative data, PSYC307, lecture, School of Psychology, University of Waikato
- Migration and Social Psychology, Social Psychology 175, 201 School of Psychology, Massey University (Albany)

Lynne Chepulis

- Lecture, (HPSC1203) Nutrition for Health and Exercise, University of Waikato

Tahu Kukutai

- Indigenous Social Science Research ARTSC101, University of Waikato

Ross Lawrenson

- Health policy: SOCPY304 Health, Wellbeing and policy. University of Waikato

Moana Rarere

- Maori Environmental Management Paper (ENVP505-18B), University of Waikato

Arama Rata

- Indigenous Social Science Research ARTSC101, University of Waikato
- Maori and Immigration. Master of Migration Studies POLS488, Victoria University of Wellington
- Indigenous Studies Methods. Introduction to Maori, Pacific and Indigenous Studies MAORI103, University of Waikato

Keynote Addresses, Plenary Presentations, Discussants

Atatoa Carr, P (2018). (Keynote) Child Development and Equity *Whakahihiko* Hamilton
1st September

Atatoa Carr P (2018). (Panellist). Is ethnicity all in the family? How parents in Aotearoa/
New Zealand identify their children. *Mana Tangatarua: Mixed heritages, ethnic
identity and biculturalism in Aotearoa/New Zealand Symposium, Auckland, 18 July.*

- Collins, F. L. (2018). The values of migration: rethinking the geography of movement in Aotearoa-New Zealand. *Annual John Flenley Lecture, School of People, Environment and Planning, Massey University, Palmerston North, New Zealand.*
- Hall, D., Rata, A., Marsters, E., & Chen, A. (2018). Fair Borders? A Panel Discussion. BWB Winter Series. 18 July 2018, AUT, Auckland.
- Hall, D., Rata, A., Marsters, E., & Chen, A. (2018). Migration: A Panel Discussion. BWB Winter Series. 28 June 2018, Royal Society, Wellington.
- Hall, D., Rata, A., Chen, A. (2018). Migration policy in the twenty first century. Panel Discussion. Palmerston North Festival of Cultures. 15 April 2018. Palmerston North City Library, Palmerston North.
- Kukutai, T. (2018). (Keynote) Demography, digitisation and data sovereignty. In *National Digital Forum*. Conference held at Wellington, New Zealand.
- Kukutai, T. (2018) (Keynote) Indigenous data sovereignty: The impacts of statistics and census. *Te Ropu Wahine Maori Toko I te Ora National Conference (Maori Women's Welfare League), Gisborne, October 28th.*
- Kukutai, T. (2018) Census and Maori, Implications for our Future. Tai Tokerau speaker series, Royal Society Te Aparangi and University of Auckland, Whangarei, 20 June
- Rata, A. (2018). Ngā mahi a Rehia. NZRA Recreation Conference. 25 October 2018, Pullman Auckland, Auckland.

Other Invited Presentations

- Bedford, R.D. (2018) People and place: the population [of Northland] on the eve of Tuia Encounters 250. Invited presentation to the University of Auckland's Tai Tokerau Campus's Annual Public Lecture Series, Whangarei Public Library, 14 March 2018.
- Bedford, R.D. and Marsters, E. (2018) Are there only winners? Some reflections on labour mobility schemes in the Pacific. Invited presentation to the Oceans and Islands Pacific Research Conference, New Zealand Institute for Pacific Research, University of Auckland, 22 November 2018.
- Atatoa Carr, P. Nomination by the Cook Island Ministry of Health to represent the Cook Islands at the WHO Western Pacific Meeting of National Senior Officials for NCDs in Seoul, Republic of Korea (29 to 31 May 2018), and development of Outcome Document for Ministers.

- Beaglehole, A., Rata, A., & Sama, B. (2018) Hear our voices we entreat. Asylum Seekers Equality Project, 26 September 2018, Wellington.
- Collins, F. L. (2018). 'Give me my pathway!': Multinational migration, transnational skills regimes and migrant subjectification. In *Multinational Migrations: Onward migration patterns and possibilities in Asia and beyond*. Conference held at Yale-NUS and National University of Singapore.
- Collins, F. L. (2018). Migration, diversity and stratification: Linking discourse, policy and experience. In *Pathways 2018 Conference: HE RĀKAU TAU MATUA Pathways, Diversity and Inclusion*. Conference held at Massey University (Albany), Auckland, New Zealand.
- Collins, F. L. (2018). Migration, Employer Dependence and Vulnerability. In *Migration, Vulnerability and the Body*, Research Symposium held at RMIT Melbourne, Australia.
- Kukutai, T. (2018). (Invited) Data and wellbeing in a digital age: The case of indigenous data sovereignty. In *International Network for Government Science Advice 3rd Biennial Conference (INGSA): Science Advice for a Changing World*. Conference held at Tokyo, Japan.
- Kukutai, T. (2018). (Invited) Census and Māori: Implications for our future. In *2018 Tai Tokerau Speaker Series*, Whangarei, New Zealand.
- Kukutai, T. (2018). (Invited) Māori data sovereignty and the National Research Information System. In *NRIS Funder Researcher Working Group*, Wellington, New Zealand.
- Kukutai, T. (2018). (Invited) Court-ing diversity: Are you ready?. In *New Zealand District Court Judges' Triennial Conference: Te reo mita o Aotearoa ta te ture whakahau: "The Law Speaking with a New Zealand Accent"*. Conference held in Rotorua, New Zealand.
- Rata, A. and Gardi, R. (2018). Race, Unity and Justice. *Race Unity Conference 2018*. 12 May 2018, Te Mahurehure Marae, Auckland.
- Rata, A. (2018) Science and Migration. *New Zealand Association of Scientists Conference*. 15 November 2018, University of Auckland, Auckland.
- Rata, A. and Al-Asaad, F. (2018). Fuck Diversity. *Disrupting Dominant Identities Network (DDIN)*, Video Conference Seminar. 20 November 2018, University of Waikato, Hamilton.

Conference Contributions – International

- Atatoa Carr P. (2018). NCDs in the Cook Islands – A regional approach. Cook Islands Health Conference. Rarotonga, July.
- Rahadian A., Atatoa Carr, P. Fathers' role in exclusive breastfeeding: An opportunity to reduce infant mortality. Population and Health Conference, Malang, Indonesia, November 2018
- Collins, F. L. (2018). The moral politics of emigration: Ambitious state strategies and the anxiety of diasporic return. In American Association of Geographers Annual Meeting. Conference held in New Orleans, USA.
- Kilgour, J. (2018). Rendering the invisible, visible: giving voice to indigenous aspirations in small-town development: an Aotearoa/ New Zealand case study. Presentation to the Human Development and Capability Association Conference, Buenos Aires, 29 August - 1 September 2018.
- Kukutai, T. (2018) Self-determined well-being: Some insights from Aotearoa New Zealand. Atlantic Fellows for Social Equity, Sydney, 28 June.

National Conferences

- Bayliss, T., & Collins, F. (2018). The good migrant: Nationalism and temporary migration on New Zealand dairy farms. In *New Zealand Geographical Society and the Institute of Australian Geographers Conference (NZGS/IAG): Creative Conversations, Constructive Connections*. Conference held at University of Auckland, Auckland, New Zealand.
- Al-Asaad, F., Niuapu, A., Rata, A., & Zhu, J. (2018). Migration and Settler-Colonialism: Communities, Relations, Potentialities. He Rākau Tau Matua: Pathways, Diversity and Inclusion Conference. 8 - 9 February 2018, Massey University Albany Campus, Auckland.
- Blackmore, T., & Lawrenson, R. (2018). Quality of life following prostate cancer treatment. In The University of Auckland Faculty of Medical Health Sciences, Biannual Research Seminar (Waikato Clinical Campus), Waikato Hospital, Hamilton, New Zealand.
- Cameron, M., & Poot, J. (2018). Sub-national ethnic population projections for small ethnic groups. In Pathways 2018 Conference. Massey University, Auckland.

- Cassim, G. S. (2018). Migrants straddling the here and there: Explorations of habitus and hybrid identities among Sri Lankan migrants in New Zealand. In Global Migrations Conference. Conference held at University of Otago, Dunedin.
- Chepulis L, Lao, C, Lawrenson R, Elwood M, Sarfati D, Campbell I (2018) Rural urban differences in breast cancer treatment in New Zealand. Cancer Symposium, Queenstown research week 27-31 August
- Chepulis L, Cassim S (2018) Update on Lung and colorectal cancer research. *Hei Pa Harakeke Meeting, Cancer Society of New Zealand, Hamilton Branch.*
- Collins, F. L. (2018). Transnational skills regime: circuits of employment, education and expertise in dairy and healthcare migration in New Zealand. In *Global Migrations Conference 2018*. Conference held at University of Otago, Dunedin, New Zealand.
- Hall, D., Rata, A., & Chen, A. (2018). Migration Policy in the Twenty First Century. Palmerston North Festival of Cultures. 15 April 2018, City Library, Palmerston North.
- Kukutai, T. (2018). Ngāti Tiipa: Counting our tūpuna project. In National Oral History Association of New Zealand Conference (NOHANZ). Conference held at Hamilton, New Zealand.
- Kukutai, T. (2018). Whānau and whakapapa, wellbeing and trends. In Toi Tū Te Whānau, Toi Tū Te Kāwai Whakapapa: A Workshop on Whānau and Whakapapa for Public Policy. Conference held at Wellington, New Zealand.
- Kukutai, T., & Rata, A. (2018). Attitudes towards Māori culture and multiculturalism in the NZ General Social Survey. In 8th Biennial International Indigenous Research Conference. Conference held at Auckland, New Zealand.
- Kukutai, T., & Rata, A. (2018). Māori and Diversity Acceptance: Insights from the General Social Survey. He Rākau Tau Matua: Pathways, Diversity and Inclusion Conference. 8 - 9 February 2018, Massey University Albany Campus, Auckland.
- Kilgour, J. (2018). Whenu 2: Mana Whenua Building Vibrant Communities. Presentation to the National Science Challenges Colloquium, Building Better Homes, Towns and Cities: Ko Ngā Wā Kainga hei whakamāhorahora, Auckland, City Campus, AUT, 9-10 May 2018.
- Kilgour, J. (2018). Whenu 2: Mana whenua building vibrant communities. In *National Science Challenges Colloquium, Building Better Homes, Towns and Cities: Ko Ngā Wā Kainga hei whakamāhorahora*. Conference held at Auckland, City Campus, AUT.

- Kilgour, J., Ryks, J. & Whitehead, J. (2018). Mana Whenua Building Vibrant Communities. Presentation to New Zealand Geographical Society/Institute of Australian Geographers Conference, Auckland, the University of Auckland, 11-14 July 2018.
- Lawrenson, R., Kidd, J., Lao, C., Keenan, R., Rolleston, A., Hokowhitu, B., . . . Wong, J. (2018). A community based intervention for rural Maori at risk of lung cancer. In *National Rural Health Conference*. Conference held at Pullman, Auckland, New Zealand.
- Lawrenson, R A workshop on the role of General Practice in Ensuring Earlyh Diagnosing of Cancer. Conference for General Practice, Aotea Centre, Auckland 28019 July 2018.
- Lawrenson R, HRC Lung cancer presentation 9th Waikato Regional Lung Cancer conference Brayant Education Centre.
- Lawrenson, R., Lao, C., Brown, L., Chepulis, L., Cassim, S, Rolleston A, Keenan R, Hokowhitu B, Firth m, Aiken D, Wong J, Middleton K, Kidd, J. (2019, January). *A Review of the Midland Lung Cancer Register*. Poster presented at the Cancer Care at a Crossroads Conference, University of Otago, Wellington, New Zealand.
- Lawrenson, R. (2018). Impact of diabetes on outcomes of women with breast cancer. In New Zealand Society for the Study of Diabetes Annual Meeting.
- Lawrenson, R. (2018). Improving cancer outcomes through primary care. In Conference for General Practice. Conference held at Aotea Centre, Auckland, New Zealand.
- Lawrenson, R., Moosa, S., Blackmore, T., Chepulis, L. M., Keenan, R., Kidd, J., . . . Weller, D. (2018). Using e-referral data to identify delays in diagnosis of colorectal cancer. In General Practice and Primary Care Research Conference. Conference held at Hanmer Springs, New Zealand.
- Lawrenson, R, (2018) The Role of Diet in Prevention Veges and Vines Conference, Gisborne
- Lee, S., Collins, F., & Simon-Kumar, R. (2018). Diversity as emotion work: the governing of emotions through diversity management in healthcare organisations. In New Zealand Geographical Society and the Institute of Australian Geographers Conference (NZGS/IAG): Creative Conversations, Constructive Connections. Conference held at University of Auckland, Auckland, New Zealand.

- Lim, J., Page, R., von Hurst, PR., Gammon, C.S., Chepulis, L. (2018) A dose-response study to assess the effects of New Zealand pine bark extract on glycaemic responses in healthy participants. NZ Nutrition Society Annual conference, Nov 29-30, Auckland
- Lim, WXJ, Page, RA, von Hurst, P., Gammon, C., Chepulis, L. Stopping the progression towards type 2 diabetes: Investigating the hypoglycaemic potential of antioxidant-rich plant extracts. Massey University Centre for metabolic Health Research (CMHR) symposium
- Masters-Awatere, B., Cormack, D., Brown, R., Rata, A., Hunt, L., Boulton, A., & Rota, M. (2018). Hospital Transfers: Māori whānau engagement in the healing equation. In 8th Biennial International Indigenous Research Conference (IIRC18). Conference held at Auckland, New Zealand.
- Moxon, TA., Atatoa Carr, P, Yuill-Proctor K, de Lore D, Graham D. What's in a Name? He mana tō te ingoa o te tamaiti. Paediatric Society of New Zealand Conference. November
- Rata, A. (2018). Ki te whaiao, ki te ao mārama. Kingitanga Day. University of Waikato.
- Rata, A. (2018). Kia Whakapiri Mai: Bridging the 'home and away' divide between governance entities and their members. In 8th Biennial International Indigenous Research Conference. Conference held at Auckland, New Zealand.

Other Conference Contributions

- Atatoa Carr, P. Development, coordination and implementation of wellbeing assessment for whānau working with Oranga Tamariki and Housing New Zealand – training workshops delivered 20-24th August
- Blackmore, T (2018) Reducing delay an increasing access to early diagnosis for colorectal cancer. *Hei Pa Harakeke Meeting, Cancer Society of New Zealand, Hamilton Branch.*
- Cassim, S (2018) Improving early access to lung cancer diagnosis for Maori and rural communities *Hei Pa harakeke Meeting, Cancer Society of New Zealand, Hamilton Branch.*

- Cassim S, Chepulis L (2018) Update on Lung and colorectal cancer research *Hei Pa Harakeke Meeting, Cancer Society of New Zealand, Hamilton Branch.*
- Chepulis, L. Everson, N., Means, G., Wu, J. (2018) The Nutritional Quality of Children's Breakfast Cereals: A Cross Sectional Analysis of New Zealand, Australia, the United Kingdom, Canada and the United States. NZ Nutrition Society Annual conference, Nov 29-30, Auckland
- Kidd, J., Cassim, S., Peni, T., & Hokowhitu, B. (2018). Co-opting or valuing the indigenous voice? A question of ethics. In *2018 Contemporary Ethnography Across the Disciplines Hui (CEAD)*. Conference held at Santiago, Chile.
- Hirsz, M., Hunt, L., Chepulis, L., Mayo, M. (2018) Associations between symptoms and colorectal cancer outcome in GP/hospital e-referrals. Australasian Applied Statistics Conference, 3-7 Dec 2018
- Lawrenson R, Lao C, White D, Kain T Dalbeth N, Stebbings S. Evaluating the Health economic impact of axial spondylarthritis in New Zealand
- Lawrenson R, Blackmore T, Chepulis L, Peni T How to improve outcomes for women with breast cancer in New Zealand? Conclusion of the breast cancer project (HRC 14/484A) Presentation of key findings.
- Lawrenson R, Presentation and meeting with paul Viilanti (CEO) NZ Movember funded initiative and NZ Prostate cancer registry
- Lawrenson, R Proposal for a NZ Graduate Entry, Community Engaged medical programme The Muster 2018 Gobal Community Engaged Medical education muster Mt Gambier 15th to 19th October 2018
- Lawrenson,R, Keenan R, Kidd J, Cassim, S Wong C, WongJ, Middleton K. (2018) Improving early Access to lung cancer diagnosis for Maori and rural communities. Ca-PRI, Groningen Netherlands
- Lawrenson R, Lao C, Campbell I, Elwood M Differences in the presentation of breast cancer in New Zealand women. Ca-PRI, Groningen Netherlands
- Lawrenson R presentation for proposed third medical school for New Zealand, Rebus, Cambridge,May 2018

Publications and Research Output

Peer reviewed Journal Articles

- Alimi, O, Mare, D and Poot J. (2018) More pensioners, less income equality? The impact of changing age composition on inequality in big cities and elsewhere. *New Zealand Population review*; volume 44, in print.
- Atatoa Carr, P, Pawar, S, Graham, R, McMinn, C, Nelson, J, Ombler, J, Pierse, N (2018). Housing first in Hamilton: Who were first housed? *Parity* 31 (10), 56-58
- Augustine, J. M., Prickett, K. C., & Negraia, D. V. (2018). Doing It all? Mothers' college enrollment, time use, and affective well-being. *Journal of Marriage and Family*, 80(4), 963-974. doi:[10.1111/jomf.12477](https://doi.org/10.1111/jomf.12477)
- Blackmore, T. L., Lawrenson, R., Lao, C., Edwards, M., Kuper-Hommel, M., Elwood, M., & Campbell, I. (2018). The characteristics, management and outcomes of older women with breast cancer in New Zealand. *Maturitas*, 112, 64-70. doi:[10.1016/j.maturitas.2018.03.018](https://doi.org/10.1016/j.maturitas.2018.03.018)
- Bedford, R.D. and Didham, R. (2018) Immigration: an election issue that has yet to be addressed? *Kotuitui: New Zealand Journal of Social Sciences Online*. Accessed at: <https://doi.org/10.1080/1177083X.2018.1503606>.
- Campbell, I., Lao, C., Blackmore, T., Edwards, M., Hayes, L., Ng, A., & Lawrenson, R. (2018). Surgical treatment of early stage breast cancer in the Auckland and Waikato regions of New Zealand. *ANZ Journal of Surgery*, 88(12), 1263-1268. doi:[10.1111/ans.14840](https://doi.org/10.1111/ans.14840)
- Cassim, S., Chepulis, L., Keenan, R., Kidd, J., Firth, M., & Lawrenson, R. (2019). Patient and carer perceived barriers to early presentation and diagnosis of lung cancer: a systematic review. *BMC cancer*, 19(25): 1-14.
- Chepulis, L., Everson, N., Heapy, A., & Mearns, G. (2018). Added sugar and sodium levels in New Zealand processed fruit and vegetable-based products. *Nutrition and Dietetics*. doi:[10.1111/1747-0080.12470](https://doi.org/10.1111/1747-0080.12470)
- Chepulis, L., & Mearns, G. (2018). New Zealand breakfast cereals: are there sufficient low-sugar, low-sodium options?. *Public health nutrition*, 21(8), 1586-1587.
- Chepulis, L., Mearns, G., Hill, S., Wu, J. H. Y., Crino, M., Alderton, S., & Jenner, K. (2018). The nutritional content of supermarket beverages: a cross-sectional analysis of

- New Zealand, Australia, Canada and the UK. *Public Health Nutrition*, 21(13), 2507-2516. doi:[10.1017/S1368980017004128](https://doi.org/10.1017/S1368980017004128)
- Chepulis, L., Mearns, G., Hill, S., Wu, J. H., Crino, M., Alderton, S., & Jenner, K. (2018). The nutritional content of supermarket beverages: a cross-sectional analysis of New Zealand, Australia, Canada and the UK – CORRIGENDUM. *Public Health Nutrition*, 1. doi:[10.1017/S1368980018000794](https://doi.org/10.1017/S1368980018000794)
- Chepulis, L., Wu, J. H. Y., & Mearns, G. (2018). [Letter to the Editor] Sugar-sweetened beverages: still cause for concern in New Zealand and Australia. *Public Health Nutrition*, 1-3. doi:10.1017/S1368980018001593
- Collins, F. L., & Ho, K. C. (2018). Discrepant knowledge and interAsian mobilities: unlikely movements, uncertain futures. *Discourse: Studies in the Cultural Politics of Education*, 1-15. doi:[10.1080/01596306.2018.1464429](https://doi.org/10.1080/01596306.2018.1464429)
- Collins, F. L. (2018). Keeping bodies moving: Hope, disruption and the possibilities of youth migration. *Journal of Intercultural Studies*, 39(6), 626-641. doi:[10.1080/07256868.2018.1533536](https://doi.org/10.1080/07256868.2018.1533536)
- Cozzolino, E., Prickett, K. C., & Crosnoe, R. (2018). Relationship conflict, work conditions, and the health of mothers with young children. *Journal of Family Issues*, 39(12), 3177-3202. doi:[10.1177/0192513X18776415](https://doi.org/10.1177/0192513X18776415)
- Elwood, J. M., Tin Tin, S., Kuper-Hommel, M., Lawrenson, R., & Campbell, I. (2018). Obesity and breast cancer outcomes in chemotherapy patients in New Zealand - a population-based cohort study. *BMC Cancer*, 18(1), 13 pages. doi:10.1186/s12885-017-3971-4
- Elwood J.M, Tawfiq E, Tin Tin S, Marshall R J, Hung Tm, Campbell I, Harvey V, Lawrenson R, Development and validation of a ndw predictive model for breast cancer survival in New Zealand and comparison to the Nottingham prognostic index. *BMC Cancer*. 2018 September 17;18(1):897 doi: 10.1186/s 12885-018-4791-x
- Hanson-Manful, P., Whitcombe, A. L., Young, P. G., Atatoa Carr, P. E., Bell, A., Didsbury, A., . . . Moreland, N. J. (2018). The novel Group A Streptococcus antigen SpnA combined with bead-based immunoassay technology improves streptococcal serology for the diagnosis of acute rheumatic fever. *Journal of Infection*, 76(4), 361-368. doi:10.1016/j.jinf.2017.12.008th

- Hobbs, M. R., Atatoa Carr, P., Fa'alili-Fidow, J., Pillai, A., Morton, S. M. B., & Grant, C. C. (2018). How differing methods of ascribing ethnicity and socio-economic status affect risk estimates for hospitalisation with infectious disease. *Epidemiology & Infection*, 1-9. doi:10.1017/S0950268818002935
- Jackson, N., & Cameron, M. (2018). The unavoidable nature of population ageing and the ageing-driven end of growth - an update for New Zealand. *Journal of Population Ageing*, 11(3), 239-264. doi:10.1007/s12062-017-9180-8
- Johnson, C., Baker, T., & Collins, F. L. (2018). Imaginations of post-suburbia: Suburban change and imaginative practices in Auckland, New Zealand. *Urban Studies*, 19 pages. doi:10.1177/0042098018787157
- Kidd, J., Raphael, D., Cassim, S., Black, S., Blundell, R., & Egan, R. (2018). Health service provider responses to indigenous peoples with cancer: An integrative review. *European journal of cancer care*, e12975.
- Latt, P. M., Tin Tin, S., Elwood, M., Lawrenson, R., & Campbell, I. (2018). Receipt of radiotherapy after mastectomy in women with breast cancer: Population-based cohort study in New Zealand. *Asia-Pacific Journal of Clinical Oncology*. doi:10.1111/ajco.13101
- Lawrenson, R., Lao, C., Ali, A., & Campbell, I. (2018). Impact of radiotherapy on cardiovascular health of women with breast cancer. *Journal of Medical Imaging and Radiation Oncology*, 1-7. doi:10.1111/1754-9485.12838
- Lawrenson, R., Lao, C., Brown, L., Wong, J., Middleton, K., Firth, M., & Aitken, D. (2018). Characteristics of lung cancers and accuracy and completeness of registration in the New Zealand Cancer Registry. *New Zealand Medical Journal*, 131(1479), 13-23.
- Lawrenson, R., Lao, C., Campbell, I., Harvey, V., Seneviratne, S., Elwood, M., . . . Kuper-Hommel, M. (2018). The impact of different tumour subtypes on management and survival of New Zealand women with Stage I-III breast cancer. *New Zealand Medical Journal*, 131(1475), 51-60.
- Millar E, Dowell T, Lawrenson, R Mangin D Sarfati D. Clinical guidelines: what happens when people have multiple conditions? *N Z Medical Journal* March 23;13 (1472) 73-81
- Millar E, Gurney J, Stanley J, Stairmand J, Davies C, Semper K, Dowell A, Lawrenson R, Mangin D, Sarfati D. Pill for this and a pill for that: A cross-sectional survey of use

- and understanding of medication among adults with multimorbidity. *Australas J Ageing*. 2018 Dec 16. doi: 10.1111/ajag.12606. [Epub ahead of print]
- Martin-Storey, A., Prickett, K. C., & Crosnoe, R. (2018). Alcohol use and change over time in firearm safety among families with young children. *Drug and Alcohol Dependence*, 186, 187-192. doi:10.1016/j.drugalcdep.2018.01.032
- Martin-Storey, A., Prickett, K. C., & Crosnoe, R. (2018). Disparities in sleep duration and restedness among same- and different-sex couples: Findings from the American Time Use Survey. *Sleep*, 41(8), 1-11. doi:10.1093/sleep/zsy090
- Millar, E., Stanley, J., Gurney, J., Stairmand, J., Davies, C., Semper, K., . . . Sarfati, D. (2018). Effect of multimorbidity on health service utilisation and health care experiences. *Journal of Primary Health Care*, 10(1), 44-53. doi:10.1071/HC17074
- Nixon, G., Blattner, K., Koroheke-Rogers, M., Muirhead, J., Finnie, W. L., Lawrenson, R., & Kerse, N. (2018). Point-of-care ultrasound in rural New Zealand: Safety, quality and impact on patient management. *Australian Journal of Rural Health*, 26(5), 342-349. doi:10.1111/ajr.12472
- Nugroho, S., Cho, Y., & Collins, F. L. (2018). Aspirations, ambivalence, and performances: the hyphenated identities of Indonesian worker-students in South Korea. *Discourse: Studies in the Cultural Politics of Education*, 1-15. doi:10.1080/01596306.2018.1458417
- Ombler, J., Atatoa Carr, P., Nelson, J., Howden-Chapman, P., Lawson Te-Aho, K., Fariu-Ariki, P., Cook, H., Aspinall, C., Fraser, B., McMinn, C., Shum, R., Pierse, N (2018). Ending homelessness in New Zealand: Housing first research programme. *Parity*, 30 (10): 5-7
- Ooi, C., Solanki, K., Lao, C., Frampton, C., White, D., (2018). Mortality in the Waikato Hospital Systemic Sclerosis Cohort. *International Journal of Rheumatic Diseases*, 21(1), 253-260. doi:10.1111/1756-185X.13111.
- Prickett, K. C., Martin-Storey, A., & Crosnoe, R. (2018). Firearm ownership in high-conflict families: Differences according to state laws restricting firearms to misdemeanor crimes of domestic violence offenders. *Journal of Family Violence*, 33(5), 297-313. doi:10.1007/s10896-018-9966-3
- Reese, E., Keegan, P., McNaughton, S., Kingi, T., Atatoa Carr, P., Schmidt, J., . . . Morton, S. (2018). Te Reo Māori: indigenous language acquisition in the context of New

- Zealand English. *Journal of Child Language*, 45(2), 340-367.
doi:10.1017/S0305000917000241
- Rusten, N. F., Peterson, E. R., Underwood, L., Verbiest, M. E. A., Waldie, K. E., Berry, S., Atatoa Carr P., Grant C., Pryor J., Nicolson J., Morton, S. M. B. (2018). Psychological distress among resident and nonresident fathers: Findings from New Zealand's Who Are Today's Dads? project. *Journal of Family Issues*, -online, 1-22.
doi:10.1177/0192513X18808827
- Ryks, J., Kilgour, J., Whitehead, J., Rarere, M. (2018). Te Pae Mahutonga and the Measurement of Community Capitals in Regional Aotearoa New Zealand. *New Zealand Population Review*, 44685-10ю
- Schilling, C., Hedges, M. R., Atatoa Carr, P. E., & Morton, S. (2018). Transitions in smoking across a pregnancy: New information from the Growing Up in New Zealand Longitudinal Study. *Maternal and Child Health Journal*, 22(5), 660-669.
doi:10.1007/s10995-018-2434-0
- Sharples, K. J., Firth, M. J., Hinder, V. A., Hill, A. G., Jeffery, M., Sarfati, D., . . . Findlay, M. P. N. (2018). The New Zealand piper project: Colorectal cancer survival according to rurality, ethnicity and socioeconomic deprivation—results from a retrospective cohort study. *New Zealand Medical Journal*, 131(1476), 24-39
- Shi, Y., & Collins, F. L. (2018). Producing mobility: visual narratives of the rural migrant worker in Chinese television. *Mobilities*, 13(1), 126-141.
doi:10.1080/17450101.2017.1320133
- Tin Tin, S., Elwood, J. M., Brown, C., Sarfati, D., Campbell, I., Scott, N., . . . Lawrenson, R. (2018). Ethnic disparities in breast cancer survival in New Zealand: Which factors contribute?. *BMC Cancer*, 18(1), 1-10. doi:10.1186/s12885-017-3797-0
- Tran, N., Cameron, M., & Poot, J. (2018). Local institutional quality and return migration: Evidence from Vietnam. *International Migration*, online, 16 pages.
doi:10.1111/imig.12451
- Whitehead, J., Pearson, A. L., Lawrenson, R., & Atatoa Carr, P. (2018). A framework for examining the spatial equity and sustainability of general practitioner services. *Australian Journal of Rural Health*, 26(5), 336-341. doi:10.1111/ajr.12471

Books

Collins, F. L. (2018). *Global Asian city migration, Desire and the politics of encounter in 21st Century Seoul*. John Wiley & Sons.

Chapters in Books

Alimi, O. B., Maré, D. C., & Poot, J. (2018). More pensioners, less income inequality? The impact of changing age composition on inequality in big cities and elsewhere. In R. R. Stough, K. Kourtit, P. Nijkamp, & U. Blien (Eds.), *Modelling Aging and Migration Effects on Spatial Labor Markets* (pp. 133-159). Springer, Cham.

Bedford, R.D. Bedford, C.E., Wall, J. and Young, M. (2018) Managed temporary labour migration of Pacific Islanders in Australia and New Zealand in the early twenty-first century. In N. Klocker and O. Dunn (eds) *Population, Migration and Settlement in Australia and the Asia-Pacific. In Memory of Graeme Hugo*, Oxford: Routledge, 211-231.

Cassim, G. S. (2018). Intercultural psychology: A case from Sri Lanka. In W. W. Li, D. Hodgetts, & K. H. Foo (Eds.), *Asia-Pacific Perspectives on Intercultural Psychology* (pp. 18 pages). New York, NY: Routledge

Kukutai, T., Rata, A., & Sporle, A. (2018). *Housing Quality, Health and Whānau Wellbeing*. Wellington, New Zealand: Superu Social Policy Evaluation and Research Unit. Retrieved from <http://www.superu.govt.nz>

Papers in Published Conference Proceedings

Kukutai, T. & Cormack, D. 2018. Census 2018 and implications for Māori. New Zealand Population Review

Kukutai, T. & Pawar, S. 2018. Rongowhakaata. A demographic profile of te reo Māori speakers. Confidential report commissioned by Rongowhakaata Iwi Trust.

Oetzel, J., Wihapi, R., Manual, C., & Rarere, M. (2018). An integrated approach to prevent chronic lifestyle diseases in Maori men 30-55. In 18th International Conference on Integrated Care. Utrecht, Netherlands.

Reid, P., Kukutai, T., & Cormack, D. (2018). Indigenous data and health: critical research approaches and indigenous data governance. In *European Journal of Public Health* Vol. 28 (pp. 8). Oxford University Press (OUP). Retrieved from <http://gateway.webofknowledge.com/>

Technical and commissioned research reports

Bedford, R.D. and Ingram, R. (2018) Supply of seasonal workers for seasonal employment in Australia and New Zealand: a summary and forecast to 2021. Commissioned Report for Cardno and the Department of Foreign Affairs and Trade, Australia.

Working Papers

- Alimi, O., Mar, D. C., & Poot, J. (2018). International migration and the distribution of income in New Zealand metropolitan and non-metropolitan areas: IZA Discussion Papers (IZA DP No. 11959). IZA - Institute of Labor Economics. Retrieved from <https://www.iza.org/publications/dp/11959/international-migration-and-the-distribution-of-income-in-new-zealand-metropolitan-and-non-metropolitan-areas>
- Alimi, O., Maré, D., & Poot, J. (2018). Who partners up? Educational assortative matching and the distribution of income in New Zealand (Motu Working Paper 18-13). Motu Economic and Public Policy Research. Retrieved from http://motu-www.motu.org.nz/wpapers/18_13.pdf
- Cameron, M., & Poot, J. (2018). The estimation and interpretation of coefficients in panel gravity models of migration: Working Paper in Economics (1/18). Hamilton, New Zealand: Waikato Management School.
- Tran, N., Cameron, M., & Poot, J. (2018). Return or not return? The role of home-country institutional quality in Vietnamese migrants' return intentions (18/04). Waikato Management School.
- Tran, N., Cameron, M., & Poot, J. (2018). What are migrants willing to pay for better home country institutions? The case of Vietnam: Working Paper in Economics (18/10). Waikato Management School.

Media Interviews and Citations

Collins, F. 28 October 2018 Stuff national news “Millennials ditching the Big Smoke for the regions”
<https://www.stuff.co.nz/national/108033743/millennials-ditching-the-big-smoke-for-the->

[regions?fbclid=IwAR3KknYmRTcYsOLenK9ZIEYYCMEtqRK_eMtUQy942LFEZXqgiO13cwqq2zQ\)](https://www.tvnz.co.nz/shows/breakfast/clips/new-study-finds-cost-of-homes-rent-prompting-kiwi-millennials-to-ditch-auckland-in-favour-of-other-regions?fbclid=IwAR3KknYmRTcYsOLenK9ZIEYYCMEtqRK_eMtUQy942LFEZXqgiO13cwqq2zQ)

Collins, F. 30 October 2018 Breakfast on One interview “New Study finds cost of homes rent prompting kiwi millennials to ditch Auckland in favour of other regions

<https://www.tvnz.co.nz/shows/breakfast/clips/new-study-finds-cost-of-homes-rent-prompting-kiwi-millennials-to-ditch-auckland-in-favour-of-other-regions>

Kukutai, T. 31 July 2018 Radio New Zealand interview “Maori Seats may be impacted by low census turnout”

<https://.radionz.co.nz/national/programmes/morningreport/audio/2018655940/maori-seats-may-be-impacted-by-low-census-turnout>

Kukutai, T. 1 August 2018 The Spinoff interview “Has the 2018 census failed?”

<https://thespinoff.co.nz/atea/01-08-2018/has-the-2018-census-failed-maori/>

Kukutai, T. 14 August 2018 Health Central NZ “Failed census – a preventable public health policy disaster”

<https://healthcentral.nz/failed-census-a-preventable-public-health-policy-disaster/>

Kukutai, T. Radio New Zealand panel “The future of work”

<https://www.radionz.co.nz/national/programmes/labourday/audio/2018667824/the-future-of-work>

Rata, A. 7 February 2018: Radio Waatea interview. Treaty Petition Challenges Racial Hierarchy.

https://www.waateanews.com/waateanews/x_story_id/MTg0MDk=/National%20News/Treaty%20petition%20challenges%20racial%20hierarchy

Rata, A. 7 February 2018: Te Kāea. Māori Television. Call for Treaty to be Included in Citizenship Oath.

<http://www.maoritelevision.com/news/politics/call-treaty-be-included-citizenship-oath>

Rata, A. 27 February 2018: The Panel. RNZ.

<https://www.radionz.co.nz/national/programmes/thepanel/audio/2018633921/the-panel-with-bernard-hickey-and-arama-rata-part-1>

Rata, A. 26 June 2018: Radio Waatea interview. Migrant conversation for Fair Borders.

https://www.waateanews.com/waateanews/x_story_id/MTk0NDY=/National%20News/Migrant%20conversation%20for%20Fair%20Borders

Rata, A. 13 July 2018 Interview with David Hall for a Pantograph Punch piece. Borders, Divisions and the Space Between: Three Writers on Borders. The Pantograph Punch

<http://pantograph-punch.com/post/borders>

Rata, A. 19 July 2018: Media coverage of Fair Borders talk by Rahul Bhattarai. Housing issue not just ethnic – Pākehā leaders have ‘failed’, says author. Asia Pacific Report.

<https://asiapacificreport.nz/2018/07/19/housing-issue-not-just-ethnic-pakeha-leaders-have-failed-says-author/>

Rata, A. 2 October 2018: RNZ interview with Te Aniwa Hurihanganui. Māori ask NZ First who decides 'Kiwi values'.

<https://www.radionz.co.nz/news/te-manu-korihi/367738/maori-ask-nz-first-who-decides-kiwi-values>

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