



Department of Primary Health Care and General Practice

Te Tari Hauora Tūmatanui me te Mātauranga Rata Whānau

RESEARCH REPORT 2016





Department of Primary Health Care & General Practice

Research Report 2016

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Further information

<http://www.otago.ac.nz/wellington/departments/primaryhealthcaregeneralpractice/research/index.html>

Foreword

The 2016 calendar year was another successful one for research activity and outputs. There were some significant changes in the Primary Health Care and General Practice (PHC&GP) Department in Wellington in 2015, with the Women's Health Research Centre moving out of the department late that year. This year's report is the first reflecting this significant change, and lower levels of research activity are to be expected. Nevertheless significant research activity was initiated and continued, and research outputs were once again increased over the previous years.

After being the department's Research Director since 2009, Dr Maria Stubbe stepped aside from this role in 2016, to concentrate on developing the Applied Research into Communication in Health (ARCH) group's research work. Maria's work over this formative period in the department has initiated, supported and fostered not only ARCH work but also that of most other researchers in the department and at UOW. Thank you Maria. I have continued this work as HOD during 2016.

We also were fortunate enough to make three new academic appointments early in 2016, and it will take some time for the two new clinicians to establish their research careers.

As previously, this has been achieved alongside other major commitments: undergraduate and postgraduate teaching, clinical responsibility, service for and with the sector at large, and contributions to the university. Overall amount of research activity has continued to increase and diversify.

Postgraduate research students have all progressed well, with several theses completed, examined and awarded, as well as resulting in associated publications from new knowledge.

In general, research outputs have again increased in number from 2015 to 2016, with an excellent proportional increase in quality book chapters and peer-reviewed journal articles, as well as evidence of effective dissemination to professional groups and the community via conferences and meetings of various kinds.

Thank you to all staff who undertake and support research in and beyond the Department. Research and development in the primary health care sector is vital to improving health care in NZ and internationally, and without continued staff enthusiasm, effort and commitment, this essential contribution would not be possible.

Ngā mihi

Professor Sue Pullon

Head of Department, May 2017

Summary of research activity outputs 2016

Funded research projects/consultancies

Total value of **new grants** awarded in 2016 was \$1,738,865. Research income from all sources (excluding commercial contracts) actually received during 2016 was \$1,422,284.

A total of 19 funded projects were started, in progress or completed during 2016. Nine (9) of these commenced in 2016: ACC (1), Ministry of Health (1); NZ Pharmacy Education Foundation (1); Royal NZ College of GPs (1); Royal Society of NZ (1); University of Otago (4).

- PHCGP staff were involved as principal or co-investigators in 2 external collaborations and 1 commercial consultancy.
- The department hosted and supervised 1 fully funded summer research project (2016/17)
- Several small grants were provided from department funds for researchers to pay the fees for publishing in open access journals.

Research outputs

In the 2016 calendar year the department's staff and research students produced in total 92 research-related outputs in addition to a number of in-house, external and professional peer group seminars or workshops, and 1 higher degree was awarded.

92 formal research outputs in total are listed on the University of Otago Publications database for the calendar year 2016 as at 8 May 2017. This figure excludes 2 advance online publications which will have a later print publication date. This compares to a finalised total of 86 outputs reported in June 2016 for the calendar year 2015.

- The 2016 list includes 1 edited book, 6 book chapters, 42 peer reviewed research articles, and 41 conference full papers, abstracts or presentations.
- Staff have also been involved in research on undergraduate and postgraduate teaching programs and innovation in teaching. Several staff have also acquired intercampus and external funding to support the innovative development of research based teaching and learning resources and methodologies.

2016 PHC & GP DEPARTMENT RESEARCH OUTPUTS

(▲ = Health Professional Education)

(please note corrections on page 16)

Edited Book – Research

Baylis, F., & **Ballantyne, A.** (Eds.). (2016). *Clinical research involving pregnant women*. Springer, 301p.
[doi: 10.1007/978-3-319-26512-4](https://doi.org/10.1007/978-3-319-26512-4)

Chapter in Book – Research

Ballantyne, A., Barthow, C., & Wickens, K. (2016). Research into lifestyle changes in pregnancy. In F. Baylis & A. Ballantyne (Eds.), *Clinical research involving pregnant women*. (pp. 211-225). Springer. [doi: 10.1007/978-3-319-26512-4_12](https://doi.org/10.1007/978-3-319-26512-4_12)

Ballantyne, A., & Rogers, W. (2016). Pregnancy, vulnerability, and the risk of exploitation in clinical research. In F. Baylis & A. Ballantyne (Eds.), *Clinical research involving pregnant women*. (pp. 139-159). Springer. [doi: 10.1007/978-3-319-26512-4_8](https://doi.org/10.1007/978-3-319-26512-4_8)

Baylis, F., & **Ballantyne, A.** (2016). Missed trials, future opportunities. In F. Baylis & A. Ballantyne (Eds.), *Clinical research involving pregnant women*. (pp. 1-13). Springer. [doi: 10.1007/978-3-319-26512-4_1](https://doi.org/10.1007/978-3-319-26512-4_1)

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[doi: 10.1057/978-1-137-53744-7_8](https://doi.org/10.1057/978-1-137-53744-7_8) ▲

Stubbe, M., White, S. J., **Macdonald, L., Dowell, A. C.**, Gardner, R., & Dew, K. (2016). Do surgeons want to operate? Negotiating the treatment plan in surgical consultations. In S. White & J. A. Cartmill (Eds.), *Communication in surgical practice*. (pp. 124-152). Sheffield, UK: Equinox.

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Arcus, K., Gunn, L., Nelson, K., & **McKinlay, E.** (2016). Public health nursing in a non-traditional environment. *Whitireia Nursing & Health Journal*, 23, 45-53.

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Beckingsale, L., Fairbairn, K., & **Morris, C.** (2016). 'Two working together is so much better than just one': Professional support needs of primary healthcare dietitians. *Nutrition & Dietetics*, 73(3), 220-228.
[doi: 10.1111/1747-0080.12243](https://doi.org/10.1111/1747-0080.12243)

Beckingsale, L., Fairbairn, K., & **Morris, C.** (2016). Integrating dietitians into primary health care: Benefits for patients, dietitians and the general practice team. *Journal of Primary Health Care*, 8(4), 372-380.
[doi: 10.1071/HC16018](https://doi.org/10.1071/HC16018)

Campbell, C., **Morris, C.**, & Braund, R. (2016). Medicines information in New Zealand: Current services and future potential. *New Zealand Medical Journal*, 129(1447), 21-28.
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Conference Contribution - Published proceedings: Abstract

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Campbell, C., **Morris, C. J.,** & Braund, R. (2016). Moving beyond the four walls: Pharmacist roles in New Zealand primary care. *Proceedings of the Australasian Pharmaceutical Science Association (APSA) Conference: Precision Medicine, Personalising Healthcare*. 318. Retrieved from <http://www.apsa-online.org/>.

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Rose, S., Garrett, S., Stanley, J., & **Pullon, S.** (2016). Is the rising popularity of long-acting reversible contraception (LARC) in New Zealand impacting on rates of chlamydia testing and diagnosis? *Proceedings of the Sexual and Reproductive Health and Rights Conference*. Retrieved from <http://www.familyplanning.org.nz/about/our-events/conference-2016>.

Conference Contribution - Poster Presentation (not in published proceedings)

Campbell, C., Braund, R., & **Morris, C.** (2016, July). *Medicines information and the GP: Are their needs being met?* Poster session presented at the Society for Academic Primary Care (SAPC) 45th Annual Scientific Meeting, Dublin, Ireland.

Garrett, S. M., Rose, S., Stanley, J., & **Pullon, S.** (2016, November). *Breaking the cycle: Repeat testing for common STI reinfection*. Poster session presented at the Sexual and Reproductive Health and Rights Conference, Wellington, New Zealand.

Rose, S., Garrett, S., Pullon, S., Lund, K., Hutchings, D., & Boyle, C. (2016, November). *Partner notification and testing for reinfection with STIs: Exploring the gap between actual and best practice*. Poster session presented at the Sexual and Reproductive Health and Rights Conference, Wellington, New Zealand.

Conference Contribution - Verbal presentation and other Conference outputs

Campbell, C., Braund, R., & **Morris, C.** (2016, September). *The medicines information needs of general practitioners*. Verbal presentation at the New Zealand Primary Care Research Colloquium, Whitianga, New Zealand.

Darlow, B. (2016, August). *Understanding beliefs about back pain and integrating these into management*. Invited presentation at the New Zealand Rheumatology Association Annual Scientific Meeting, Napier, New Zealand.

Dowell, T. (2016, July). *How will I die, and what am I sick with? A personal reflection on diagnosis, evidence and health conversations.* Verbal presentation at the Royal New Zealand College of General Practitioners (RNZCGP) Conference for General Practice, Auckland, New Zealand.

Gray, L. (2016, September). *Preparing for the big one.* Verbal presentation at the New Zealand Primary Care Research Colloquium, Whitianga, New Zealand.

Gray, B., Stubbe, M., Hilder, J., Tester, R., & Dowell, A. (2016, May). *Culturally competent research ethics and research on "vulnerable" people.* Verbal presentation at the 27th Annual Canadian Bioethics Society Conference: Achieving Better Health: The Roles of Bioethics Education, Engagement and Exploration, Toronto, Canada.

Mathieson, F., Stubbe, M., Merrick, P., & Jordan, J. (2016, October-November). *Increasing alliance and collaboration in case conceptualisations through attending to client metaphors.* Verbal presentation at the Aotearoa New Zealand Association for Cognitive Behavioural Therapy (AnzaCBT) Conference, Wellington, New Zealand.

McKinlay, E. (2016, September). *Beginning and extending preregistration interprofessional education: Considerations for rural and urban programmes.* Keynote presentation at the Education Research for Nursing, Midwifery and Health Science Symposium: Interdisciplinary Education, Learning and Practice, Adelaide, Australia.

Ross, I. (2016, September). *Informing in the surgical consultation.* Verbal presentation at the New Zealand Primary Care Research Colloquium, Whitianga, New Zealand.

Ross, I. (2016, November-December). *Informed consent for surgery.* Verbal presentation at the Australasian Institute for Ethnomethodology and Conversation Analysis (AIEMCA) Conference, Melbourne, Australia.

Stubbe, M. (2016, November). *I had bad headaches and I was getting tired of telling this doctor': Experiences of diabetics.* Verbal presentation at the International Conference on Narrative of Health and Illness, Tenerife, Spain.

Stubbe, M., Hilder, J., & Weatherall, A. (2016, November-December). *Age categorisation as an interactional resource in healthcare consultations.* Verbal presentation at the Australasian Institute for Ethnomethodology and Conversation Analysis (AIEMCA) Conference, Melbourne, Australia.

Young, J., **McKinlay, E., Gray, B., & Williamson, M.** (2016, September). *Exploring the utility of the communities of clinical practice tool for research into education and clinical practice.* Verbal presentation at the New Zealand Primary Care Research Colloquium, Whitianga, New Zealand.

Commissioned Report for External Body

Murton, S. (2016). *Self care: Caring for yourself and your colleagues.* Commissioned by Royal New Zealand College of General Practitioners. RNZCGP. 23p.

Other Research Output

Pullon, S. (2016, 14 June). *Tairāwhiti: Interprofessional Education Programme.* Radio New Zealand National, Midday Rura INews. Retrieved from <http://www.radionz.co.nz/national/programmes/ruralnews/audio/201804426/midday-rural-news-for-14-june-2016> [Radio Broadcast].

Total publications (2016) for Primary Healthcare and General Practice, University of Otago, Wellington, Health Sciences Division: 92

Advance On-line Publications (not included in 2016 output total)

Journal - Research Article

Hilder, J., Gray, B., Dowell, A., Macdonald, L., Tester, R., & Stubbe, M. (2016). 'It depends on the consultation': Revisiting use of family members as interpreters for general practice consultations – when and why? *Australian Journal of Primary Health*. [doi: 10.1071/PY16053](https://doi.org/10.1071/PY16053)

Morgan, S. J., Pullon, S. R. H., Macdonald, L. M., McKinlay, E. M., & Gray, B. V. (2016). Case study observational research: A framework for conducting case study research where observation data are the focus. *Qualitative Health Research*. [doi: 10.1177/1049732316649160](https://doi.org/10.1177/1049732316649160)

CORRECTIONS

Advance On-line Publications reported in 2015 Research Report, now in print for 2015 (to be added to the 2015 output total)

Journal - Research Article

Barker-Collo, S., Jones, K., Theadom, A., Starkey, N., **Dowell, A.**, McPherson, K., ... on behalf of the BIONIC Research Group. (2015). Neuropsychological outcome and its correlates in the first year after adult mild traumatic brain injury: A population-based New Zealand study. *Brain Injury*.
[doi: 10.3109/02699052.2015.1075143](https://doi.org/10.3109/02699052.2015.1075143)

Coombs, M., Fulbrook, P., Donovan, S., **Tester, R.**, & deVries, K. (2015). Certainty and uncertainty about end of life care nursing practices in New Zealand Intensive Care Units: A mixed methods study. *Australian Critical Care*. Advance online publication. [doi: 10.1016/j.aucc.2015.03.002](https://doi.org/10.1016/j.aucc.2015.03.002)

Doolan-Noble, F., Gauld, R., & Waters, D. L. (2015). Are nurses more likely to report providing care plans for chronic disease patients than doctors? Findings from a New Zealand study. *Chronic Illness*.
[doi: 10.1177/1742395314567479](https://doi.org/10.1177/1742395314567479)

MacDonald, E. J., Lawton, B., & Geller, S. E. (2015). Contraception post severe maternal morbidity: A retrospective audit. *Contraception*. [doi: 10.1016/j.contraception.2015.05.012](https://doi.org/10.1016/j.contraception.2015.05.012)

Rose, S. B., & Garrett, S. M. (2015). Post-abortion initiation of long-acting reversible contraception in New Zealand. *Journal of Family Planning & Reproductive Health Care*. [doi: 10.1136/jfprhc-2014-101031](https://doi.org/10.1136/jfprhc-2014-101031)

Rose, S. B., Garrett, S. M., & Stanley, J. (2015). Immediate postabortion initiation of levonorgestrel implants reduces the incidence of births and abortions at 2-years and beyond. *Contraception*.
[doi: 10.1016/j.contraception.2015.03.012](https://doi.org/10.1016/j.contraception.2015.03.012)

Research Outputs omitted from 2015 Research Report (to be added to the 2015 output total)

Authored Book – Research

Murton, S. (2015). *Minor Surgery: A visual guide for office based surgery from beginner to expert*. Wellington, New Zealand: Samantha Murton, 74p.

Conference Contribution - Poster Presentation (not in published proceedings)

Neser, H., **Darlow, B., McKinlay, E.**, Coleman, K., Stanley, J., Beckingsale, L., **Gray, B.**, Perry, M., Donovan, S., Gallagher, P., & **Pullon, S.** (2015, November). *Beyond collaboration: Exploring what makes student interprofessional learning meaningful*. Poster session presented at the Psychosocial Oncology New Zealand (PONZ) National Conference, Invercargill, New Zealand.

Conference Contribution - Verbal presentation and other Conference outputs

Murton, S. (2015, March). *Accountable care organisation: View from New Zealand*. Verbal presentation at the Wonca Asia Pacific Regional Conference: Family Medicine: New Horizons and Challenges, Taipei, Taiwan.

Current Research

Funded Projects

Principal Investigator	Co-Investigators	Project Name	Funder	Start Date	End Date	Project Amount
PHCGP PROJECTS						
Angela Ballantyne	A. Moore	The ethics of research on clinical data and tissue without explicit patient consent (NEW)	Royal Society of New Zealand	Mar-16	Feb-19	300,000
Ben Darlow	T. Dow ell, J. Stanley, H. Abbott, (R. Fellow TBC), (Administrator TBC),	FREE Stage 1 implementation and evaluation (NEW)	ACC	Feb-16	Jul-18	1,104,648
Ben Darlow	Research Fellow TBD, B. Thompson	Empowering people with osteoarthritis to be physically active through primary care (NEW)	UOO - OMS Collaborative Fund	Feb-16	Dec-16	34,634
Ben Gray	M. Stubbe, J. Hilder	Integrating Health Navigation and Interpreter Services for Patients with Limited English Proficiency	Internal - UORG	Jan-15	Mar-16	10,000
Ben Gray	M. Stubbe, T. Gladman, J. Hilder	Development of e-learning module on working with interpreters for GPs (NEW)	RNZCGP	Jul-16	Dec-16	5,000
Caroline Morris	T. Dow ell, L. McBain, J. MacDonald	Reducing the risk associated with the use of NSAIDs	Internal - UORG	Jan-15	Mar-16	24,403
Caroline Morris	T. Dow ell, L. McBain, J. MacDonald	Piloting a tool to reduce the risk associated with non-steroidal anti-inflammatory drugs in primary care (NEW)	Internal - UORG	Jan-16	Mar-17	20,000
Caroline Morris	E. McKinlay	Community pharmacists' perceptions of their role in primary mental health care (NEW)	NZPERF	Nov-16	Dec-17	4,515
Helen Moriarty	B. Lim	Having cancer in a foreign country: Increasing health literacy in refugees and migrants with cancer	Internal - UORG	Jan-15	Mar-16	10,000
Lesley Gray	T. Dow ell, M. Stubbe, L. Macdonald, R. Tester	Let's Talk: assessing the impact of a simple primary care intervention on weight management	Internal - UORG	Jan-15	Mar-16	28,803
Lesley Gray	T. Dowell, (R. Fellow TBC)	Evaluation of Compass Health Project - community referral options to weight management (NEW)	MOH	Jun-16	Sep-17	30,000
Maria Stubbe	L. Macdonald, R. Tester	Understanding the lived experience of people with diabetes in New Zealand - Phase 2 (NEW)	Internal - UORG	Jan-16	Mar-17	33,257

Funded Projects ctd.

Principal Investigator	Co-Investigators	Project Name	Funder	Start Date	End Date	Project Amount
PHCGP PROJECTS						
Sally Rose	S. Pullon, J. Stanley, S. Garrett	Is the rising popularity of long-acting contraception impacting on Chlamydia rates?	Internal - UORG	Jan-15	Mar-16	38,951
Sally Rose	NA	Acceptability and feasibility of a collaborative approach to improving partner notification	NZ Lottery Grants	Sep-15	Aug-17	60,000
Sally Rose	S. Garrett	Facilitating partner notification and rescreening for STIs in primary care	HRC	Oct-15	Sep-16	145,326
Sally Rose	S. Garrett	STI Partner Notification Research Programme (NEW)	Internal - UOW Dean's Grant	Apr-16	Nov-16	31,705
Sue Pullon	B. Darlow, C. Wilson, E. McKinlay, P. Gallagher, L. Gray	Longitudinal Interprofessional Study	Internal - Division of Health Sciences, UoO	Nov-14	Jun-18	200,000
Sue Pullon	B. Gray, E. McKinlay, S. Morgan, S. Garrett	Youth health: investigating collaborative care across health agencies	Internal - UORG	Jan-15	Mar-16	32,152
Tony Dowell	S. Collings, F. Mathieson, J. Stanley, B. Lane	RCT of an Ultra Brief Intervention to manage common mental health problems in primary care (EXTENDED)	Internal - UORG	Jan-13	Mar-16	44,407

External Collaboration/Consultancies

Principal Investigator	Co-Investigators	Project Name	Funder	Start Date	End Date	Amount	
EXTERNAL COLLABORATION							
University of Auckland	Nikki Turner	M. Stubbe (+Compass Health, J.MacRae)	A study to explore the prevalence and outcomes of Herpes Zoster (Shingles) in New Zealand (NEW)	NZ Lottery Grant Board	Sep-16	Aug-17	29,212
Research Trust of Victoria University, Wellington	Jackie Cumming	C. Morris	Exploring the development and impact of changes in community pharmacy purposes (NEW)	HRC	Oct-16	Mar-20	145,894
COMMERCIAL CONSULTANCIES							
	Sue Pullon	T. Dowell, L. McBain	Evaluation of the RPRP	Malatest Ltd.	Jan-14	Dec-19	34,560

Student Research in Progress

Higher Degrees

Name	Degree	Thesis title	Start date	Projected end date	Full / PT	Supervisors
Trevor Lloyd	MGP	Histories of chest pain	1/03/2014	30/04/2017	PT	Sue Pullon, Maria Stubbe
Mary Wong	MPHC	Exploring community pharmacists' perceptions of their role in primary mental health care	1/07/2016	30/06/2018	PT	Caroline Morris, Eileen McKinlay
Christine Howard-Brown	PhD	Working towards PHC & aged residential care integration	1/06/2011	31/12/2017	PT	Roshan Perera (MEG), Sally Keeling (Medicine)
Fiona Mathieson	PhD	Metaphors in cognitive behaviour therapy	1/03/2013	28/02/2019	PT	Maria Stubbe, Jenny Jordan (Psych Med)
Kate Roberts	PhD	The role of acupuncture as an adjunct to PC for mild to moderate mood disorders	1/03/2015	28/02/2021	PT	Tony Dowell, Jing Bao-Nie (Bioethics Centre, Dunedin)
Isobel Ross	PhD	Surgeons' and patients' shared understanding of decision-related information.	1/07/2015	30/06/2018	FT	Maria Stubbe, Kevin Dew (Victoria)
Lucy Elkin	PhD	Parents search for vaccination info. online and the information impact on decision-making	1/05/2016	30/04/2022	PT	Maria Stubbe, Sue Pullon
Degrees Awarded in 2016						
Mel Pande	PhD	Adaptation of overseas trained doctors to the work culture of NZ general practice				Tony Dowell, Jackie Cumming (VUW)

Summer Student Projects 2016/17

Funder	Project Title	Supervisor/s	Student Name
Royal New Zealand College of General Practitioners	Improving access to quality healthcare and social support to address inequities in youth health and wellbeing: a focus on Rangatahi Maori and Pacifica young people	Pauline Horrell Eileen McKinlay	Luke Rolfe