



Department of Primary Health Care and General Practice

Te Tari Hauora Tūmatanui me te Mātauranga Rata Whānau

RESEARCH REPORT 2014





Department of Primary Health Care & General Practice

Research Report 2014

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Further information

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

Foreword

2014 was another successful year for research in the Department, but one characterised by successful new grants for many smaller amounts rather than larger grants for larger projects. Work continued on a number of important larger grants, most notably in the Women's Health Research Centre. The Severe Acute Maternal Morbidity projects gained significant traction in informing health policy during the year.

Several other work streams have continued or commenced with a mix of smaller monies and internal grants. 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 and submitted for examination, as well as resulting in associated publications from new knowledge. In general, research outputs have remained steady in number from 2013 to 2014, with a proportional increase in quality peer-reviewed journal articles, and 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.

Nga mihi,
A/Professor Sue Pullon
Head of Department

Overview

During the 2014 calendar year the department has maintained the previous trend of a slight growth from year to year in research income and outputs. Staff and research students produced in total 95 research-related outputs in addition to a number of in-house, external and professional peer group seminars or workshops and 2 higher degrees were awarded. Total research income from all sources for the 2014 year was \$1,223,800 (cf. \$1,135,658 in 2013).

Departmental research activity has continued to be based around a number of established research groups and interests, with a growing emphasis on the development of interprofessional working, and on translational research and the provision of useful results and tools for the health sector. There is also a continued focus on collaborative and interdisciplinary research; the Department has ongoing research links with other Departments at Otago University, Wellington, particularly Public Health, Obstetrics & Gynaecology and Psychological Medicine, and with a range of external collaborators. The overall portfolio increasingly includes research projects based on higher degrees projects. Active research themes in 2014 were: women's health; sexual and reproductive health; child and adolescent health; communication in health care; mental health; addiction medicine; health services evaluation; quality assurance and quality indicator; clinical education; interdisciplinary and intersectoral collaboration; travel medicine, and two newly emergent themes relating to the fields of pharmacy and bioethics.

Funded research projects/consultancies

- A total of 25 funded projects were started, in progress or completed during 2014 (up from a total of 21 in 2014). Seventeen (17) of these commenced in 2014: HRC (1), University of Otago (12); RNZCGP (1), WMRF (1), ISTAR Ltd (1), Internal funding (1).
- PHCGP staff were involved as co-investigators in 5 external collaborations and 4 commercial consultancies.
- The department hosted and supervised 6 fully funded summer research projects (2014/15)
- Several small (\$2-3 K) seeding grants were provided from department funds for researchers to establish pilot work, and to pay the fees for publishing in open access journals.

Research outputs

- 95 formal research outputs in total are listed on the University of Otago Publications database for the calendar year 2014 as at 1 May 2015. This figure excludes 3 advance online publications which will have a print publication date of 2015. This compares to a finalised total of 84 outputs reported in June 2014 for the calendar year 2013.
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- The 2014 list includes 25 peer reviewed research articles, 2 professional articles, 2 theses, 61 conference abstracts or presentations and 5 other outputs, including a commissioned report, 2 public lectures and 2 research presentations
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- Teaching staff have also been involved in research on undergraduate and postgraduate teaching programs and innovation in teaching. Manuscripts in progress relate to the use of creative work in palliative medication education and an evaluation of the genital examination teaching program. Several staff have also acquired intercampus and external funding to support the innovative development of research based teaching and learning resources and methodologies.

Higher Degrees

Enrolled or in progress:

- 8 thesis students in total were enrolled with the department in 2014: MPH (1), MHealSc (1), MGP (1), PhD (5).
- 3 department staff were also involved as second supervisors for 4 higher degrees projects external to the department.

Awarded in 2014:

- Ben Darlow, PhD. The development of a new approach to acute low back pain management in general practice. Supervised by Tony Dowell, David Baxter, Fiona Mathieson
<https://ourarchive.otago.ac.nz/handle/10523/4928>

Visitors to Department

- Prof Stacie Geller (University of Illinois, Chicago)
- Professor Tim Stokes, Elaine Gurr Chair of General Practice, Dunedin School of Medicine
- Elaine Langton (CCDHB)

Nga mihi,

Dr Maria Stubbe, Research Director

2014 PHCGP RESEARCH OUTPUTS

(please note corrections on page 16)

Journal - Research Article

Claridge, R., **Gray, L., Stubbe, M., Macdonald, L., Tester, R., & Dowell, A. C.** (2014). General practitioner opinion of weight management interventions in New Zealand. *Journal of Primary Health Care*, 6(3), 212-220.

Coleman, K., **Darlow, B., McKinlay, E.**, Beckingsale, L., Donovan, S., **Stanley, J.**, Gallagher, P., **Gray, B.**, Nesar, H., Perry, M., **Pullon, S.** (2014). Does interprofessional education make a difference to students' attitudes to practice? *Journal of Medical Imaging & Radiation Sciences*, 45(4), 344-345. doi: [10.1016/j.jmir.2014.10.004](https://doi.org/10.1016/j.jmir.2014.10.004)

Darlow, B., Dean, S., Perry, M., Mathieson, F., Baxter, G. D., & **Dowell, A.** (2014). Acute low back pain management in general practice: Uncertainty and conflicting certainties. *Family Practice*, 31(6), 723-732. doi: [10.1093/fampra/cmu051](https://doi.org/10.1093/fampra/cmu051)

Darlow, B., Perry, M., Mathieson, F., **Stanley, J.**, Melloh, M., Marsh, R., Baxter, G. D., **Dowell, A.** (2014). The development and exploratory analysis of the Back Pain Attitudes Questionnaire (Back-PAQ). *BMJ Open*, 4(5), e005251. doi: [10.1136/bmjopen-2014-005251](https://doi.org/10.1136/bmjopen-2014-005251)

Darlow, B., Perry, M., **Stanley, J.**, Mathieson, F., Melloh, M., Baxter, G. D., & **Dowell, A.** (2014). Cross-sectional survey of attitudes and beliefs about back pain in New Zealand. *BMJ Open*, 4(5), e004725. doi: [10.1136/bmjopen-2013-004725](https://doi.org/10.1136/bmjopen-2013-004725)

Gray, B., & Gillett, G. (2014). Was the tragedy of Tovia Laufau caused by an absence of trust? *Journal of Law & Medicine*, 21(4), 780-788.

Lawton, B., Filoche, S. K., Rose, S. B., Stanley, J., Garrett, S., Robson, B., **Brown, S.**, Sykes, P. (2014). Uterine cancer: Exploring access to services in the public health system. *Australian & New Zealand Journal of Obstetrics & Gynaecology*, 54(5), 457-461. doi: [10.1111/ajo.12237](https://doi.org/10.1111/ajo.12237)

Lawton, B., MacDonald, E. J., Brown, S. A., Wilson, L., **Stanley, J.**, Tait, J. D., Dinsdale, R. A., Coles, C. L., Geller, S. E. (2014). Preventability of severe acute maternal morbidity. *American Journal of Obstetrics & Gynecology*, 210(6), 557.e1-557.e6. doi: [10.1016/j.ajog.2013.12.032](https://doi.org/10.1016/j.ajog.2013.12.032)

Makowharemahihi, C., Lawton, B. A., Cram, F., Ngata, T., **Brown, S.**, & Robson, B. (2014). Initiation of maternity care for young Māori women under 20 years of age. *New Zealand Medical Journal*, 127(1393). Retrieved from <http://journal.nzma.org.nz/journal/127-1393/6107/content.pdf>.

McKinlay, E., & Donnelly, S. (2014). Learning through narrative writing: Medical students talk to patients in a hospice. *Focus on Health Professional Education*, 16(1), 69-82.

McKinlay, E., McBain, L., Stanley, J., Johnston Taylor, E., & Robertson, G. (2014). Does multimodal palliative care education help medical students talk with patients at end-of-life? *Focus on Health Professional Education*, 15(3), 64-80.

Parry, R., Jones, B., **Gray, B.**, & Ingham, T. (2014). Applying a Māori-centred consultation approach for engaging with Māori patients: An undergraduate medical student case study. *Journal of Primary Health Care*, 6(3), 254-260.

Sadler, S., Rodgers, S., Howard, R., **Morris, C. J.**, and Avery, A. J., on behalf of the PINCER Triallists. (2014). Training pharmacists to deliver a complex information technology intervention (PINCER) using the principles of educational outreach and root cause analysis. *International Journal of Pharmacy Practice*, 21(1), 47-58.
[doi: 10.1111/ijpp.12032](https://doi.org/10.1111/ijpp.12032)

Te Ao, B., Brown, P., Tobias, M., Ameratunga, S., Barker-Collo, S., Theadom, A., ... **Dowell, A.**, ... on behalf of the BIONIC Research Group. (2014). Cost of traumatic brain injury in New Zealand: Evidence from a population-based study. *Neurology*, 83(18), 1645-1652. [doi: 10.1212/wnl.0000000000000933](https://doi.org/10.1212/wnl.0000000000000933)

Turner, N., Pierse, N., Bissielo, A., Huang, Q. S., Baker, M. G., Widdowson, M.-A., ... on behalf of the SHIVERS investigation team. (2014). The effectiveness of seasonal trivalent inactivated influenza vaccine in preventing laboratory confirmed influenza hospitalisations in Auckland, New Zealand in 2012. *Vaccine*, 32, 3687-3693.
[doi: 10.1016/j.vaccine.2014.04.013](https://doi.org/10.1016/j.vaccine.2014.04.013)

Turner, N., Pierse, N., Huang, Q. S., Radke, S., Bissielo, A., Thompson, M. G., ... on behalf of the SHIVERS investigation team. (2014). Interim estimates of the effectiveness of seasonal trivalent inactivated influenza vaccine in preventing influenza hospitalisations and primary care visits in Auckland, New Zealand, in 2014. *Eurosurveillance*, 19(42), 20934.

Visser, J. T., & Campbell, A. F. R. (2014). New Zealand land search and rescue operations: An analysis of medical and traumatic conditions. *Wilderness & Environmental Medicine*, 25(4), 401-408.
[doi: 10.1016/j.wem.2014.05.003](https://doi.org/10.1016/j.wem.2014.05.003)

White, S. J., **Stubbe, M. H.**, **Macdonald, L. M.**, **Dowell, A. C.**, Dew, K. P., & Gardner, R. (2014). Framing the consultation: The role of the referral in surgeon-patient consultations. *Health Communication*, 29(1), 74-80.
[doi: 10.1080/10410236.2012.718252](https://doi.org/10.1080/10410236.2012.718252)

Zhang, W., **Rose, S.**, Foster, A., **Pullon, S.**, & **Lawton, B.** (2014). Breast cancer and breast screening: Perceptions of Chinese migrant women living in New Zealand. *Journal of Primary Health Care*, 6(2), 135-142.

Journal - Research Other

Dowell, A., & **Turner, N.** (2014). Child health indicators: From theoretical frameworks to practical reality? [Editorial]. *British Journal of General Practice*, 64(629), 608-609. [doi: 10.3399/bjgp14X682585](https://doi.org/10.3399/bjgp14X682585)

Gray, B. (2014). Emergency departments' cost and primary care [Letter]. *New Zealand Medical Journal*, 127(1388). Retrieved from <http://journal.nzma.org.nz/journal/127-1388/5974/content.pdf>.

Gray, B. (2014). Bioethics for New Zealand/Aotearoa [Viewpoint]. *New Zealand Medical Journal*, 127(1397). Retrieved from <http://journal.nzma.org.nz/journal/127-1397/6194/content.pdf>.

Gray, B. (2014). Regular practice review [Letter]. *Journal of Primary Health Care*, 6(3), 262-263.

McKinlay, E., & Pullon, S. (2014). Having interprofessional education during the undergraduate years is essential for building teamwork skills in general practice: Yes [Back to back]. *Journal of Primary Health Care*, 6(4), 331-333.

Pullon, S., Gray, B., Steinmetz, M., & Molineux, C. (2014). Midwifery-led care embedded within primary care: Consumer satisfaction with a model in New Zealand [Short report]. *Journal of Primary Health Care*, 6(4), 319-323.

Journal - Professional & Other Non-Research Articles

Moriarty, H. (2014). Controlled drugs: What you need to know. *Casebook*, 22(1), 5-7.

Moriarty, H., & Perera, R. (2014). Quality and safety indicators for chronic pain management. *Addiction Research Bulletin*, 1, 3.

Conference Contribution - Published proceedings: Abstract

Beckingsale, L., Fairbairn, K., & **Morris, C.** (2014). General practice and dieticians: Working together for the benefit of patients. *Proceedings of the Royal New Zealand College of General Practitioners (RNZCGP) Conference for General Practice: Making Connections: Are You Plugged In?* Retrieved from <http://www.conference.co.nz/gp14/programme>.

Brown, M., McKimm, J., Gasquoine, S., MacDonald, J., Hawken, S., Henning, M., **Moriarty, H.**, Wilkinson, T., ... **Hilder, J.** (2014). Health professionals in cyberspace: A systematic review of the literature. *Proceedings of the Association for the Study of Medical Education (ASME) Annual Scientific Meeting: Education, Scholarship and Leadership in Pursuit of Excellent Patient Care.*, (pp. 115). Retrieved from <http://www.asme.org.uk/2014/asm-2014.html#general-information>.

Canty, J. (2014). "If they're your friend then it's not bullying." Investigating the usefulness of Member Categorisation Analysis for analysing children's accounts of online bullying. *Proceedings of the 9th Australasian Institute of Ethnomethodology and Conversation Analysis (AIEMCA) Conference.*, (pp. 9-10). Retrieved from <http://aiemca.net/>.

Currey, N., Collings, S., & **Dowell, T.** (2014). Sustainable mental health services for Pacific people in Aotearoa New Zealand. In C. Matthewson, M. Taumoepeau, & I. Iati (Eds.), *Proceedings of the Pacific Postgraduate Symposium: Pacific Voices XI*, (pp. 11). Dunedin, New Zealand: Pacific Islands Centre, University of Otago.

Darlow, B. (2014). Beliefs about back pain in general practice and the general public. *Proceedings of the 39th Annual Scientific Meeting of the New Zealand Pain Society*. Retrieved from <http://www.nzps2014.org.nz/>.

Darlow, B., Perry, M., **Stanley, J.,** Mathieson, F., Melloh, M., Baxter, G. D., & **Dowell, A.** (2014). The attitudes and beliefs of New Zealanders about back pain: A cross-sectional survey. *Physiotherapy New Zealand Conference: Linking the Chain.*, (pp. 76). Wellington, New Zealand: Physiotherapy New Zealand.

Dowell, T. (2014). The Atlas of Healthcare Variation: Bigger than Ben Hur, more useful than the wheel: The e-book for the 21st century that tells you about your patients and yourselves. *Proceedings of the Royal New Zealand College of General Practitioners (RNZCGP) Conference for General Practice: Making Connections: Are You Plugged In?* Retrieved from <http://www.conference.co.nz/gp14/programme>.

Gallagher, S., **Stubbe, M.**, Flett, J., Drummond, B., Rountree, J., & Millichamp, J. (2014). Using online video annotation to develop communication and self-reflection skills in medical students: A pilot study. *Proceedings of the Australian & New Zealand Association for Health Professional Educators (ANZAHPE) Conference: Connecting Science and Theory with Learning for Clinical Practice.*, (pp. 77). Adelaide, Australia: ANZAHPE.

Gallagher, P., **Wilson, C., Pullon, S., Gray, L., & McKinlay, E.** (2014). Building a community of practice: Forming a new interprofessional teaching team in a rural and distant location. *Proceedings of the Australian & New Zealand Association for Health Professional Educators (ANZAHPE) Conference: Connecting Science and Theory with Learning for Clinical Practice.*, (pp. 90). Adelaide, Australia: ANZAHPE.

Gray, B. (2014). Doing clinical ethics: The importance of responsive equipoise. *Proceedings of the Australasian Association of Bioethics and Health Law (AABHL) Conference*. Retrieved from <http://www.conferencedesign.com.au/aabhl2014/>.

Gray, L., Dowell, T., Macdonald, L., Tester, R., & Stubbe, M. (2014). Getting TabOO issues on the table: Talking about overweight and obesity in New Zealand General Practice. *Obesity Research & Clinical Practice*, 8(Suppl. 1), (pp. 41-42). doi: 10.1016/j.orcp.2014.10.075

Gray, L., Gallagher, P., **Pullon, S., McKinlay, E.,** Skinner, M., & McHugh, P. (2014). An unexpected socially accountable journey: Interprofessional health promoting practice in New Zealand. *Proceedings of the New Zealand Population Health Congress: Connecting Communities, Policy and Science.*, (pp. 167). Retrieved from <http://www.pophealthcongress.org.nz/nzphc14/programme/programme>.

Gray, B., Hilder, J., Stubbe, M., Tester, R., Macdonald, L., & Dowell, T. (2014). Communication in interpreted consultations. *Proceedings of the Royal New Zealand College of General Practitioners (RNZCGP) Conference for General Practice: Making Connections: Are You Plugged In?* Retrieved from <http://www.conference.co.nz/gp14/programme>.

McDonald, J., Levack, W., Keeling, S., & **McKinlay, E.** (2014). Embracing care: The experience of family carers managing technical health procedures at home. *Proceedings of the 20th Qualitative Health Research (QHR) Conference*. Retrieved from <http://www.cvent.com/events/20th-annual-qualitative-health-research-qhr-conference/event-summary-2e38454821c4e81bd9116536c47efe3.aspx>.

McHugh, P., Pullon, S., McKinlay, E., Gray, L., Gallagher, P., & Skinner, M. (2014). A distributed interprofessional learning programme to connect rural New Zealand. *Proceedings of the Royal New Zealand College of General Practitioners (RNZCGP) Conference for General Practice: Making Connections: Are You Plugged In?* Retrieved from <http://www.conference.co.nz/gp14/programme>.

McKinlay, E. (2014). Research nurses & midwives: A career pathway in the university: Passion and progress. *Proceedings of the New Zealand Association of Clinical Research 10 Anniversary Conference*. Retrieved from <http://www.nzacres2014.org.nz/>.

McKinlay, E., Beckingsale, L., Coleman, K., **Darlow, B.,** Donovan, S., Gallagher, P., **Gray, B.,** Nesar, H., Perry, M., **Pullon, S.** (2014). Connecting the silos: Developing interprofessional teaching teams and resources to educate undergraduates for long-term conditions management. *Proceedings of the Australasian Long-term Conditions Conference*. Retrieved from <http://www.healthnavigator.org.nz/conference/programme/>.

Meijer, J. M., **Stubbe, M.**, Murton, S., Kocks, J. W. H., **McKinlay, E.**, Berger, M. Y., **Pullon, S.**, Berendsen, A. J. (2014). Extended role in oncology care for general practice illustrated by a qualitative case study performed in New Zealand. *Proceedings of the Cancer and Primary Care Research International Network (CA-PRI) Meeting: New Partnerships in Primary Care Cancer Research*. Retrieved from http://www.ca-pri.com/index.php?option=com_content&view=article&id=51&Itemid=65.

Moriarty, H., with AA fellowship members. (2014). Demystifying AA [Workshop]. *Proceedings of the 19th Cutting Edge Conference*. Retrieved from <http://cuttingedge.org.nz/>.

Moriarty, H., & Perera, R. (2014). Friend or foe? Quality indicators for chronic non-malignant pain management. *Proceedings of the 39th Annual Scientific Meeting of the New Zealand Pain Society*. Retrieved from <http://www.nzps2014.org.nz/>.

Skinner, M. A., **Pullon, S.**, Gallagher, P., **McKinlay, E.**, **Gray, L.**, & McHugh, P. (2014). Looking to the future: The benefits of interprofessional collaboration in practice. *Physiotherapy New Zealand Conference: Linking the Chain.*, (pp. 133). Wellington, New Zealand: Physiotherapy New Zealand.

Stubbe, M., & Dew, K. (2014). "I was just hoping that I was one of the lucky ones": Justifications in the accounts of newly diagnosed diabetes patients. *Proceedings of the Language and Society Conference.*, (pp. 39). Retrieved from <http://www.waikato.ac.nz/fass/conference/langsoc/index.shtml>.

Stubbe, M., **Hilder, J.**, **MacDonald, L.**, **Tester, R.**, **Dowell, T.**, & **Gray, B.** (2014). Negotiating role boundaries and shifts in interpreter-mediated consultations. *Proceedings of the 9th Australasian Institute of Ethnomethodology and Conversation Analysis (AIEMCA) Conference.*, (pp. 21-22). Retrieved from <http://aiemca.net/>.

Stubbe, M., **MacDonald, L.**, **Gray, B.**, **Hilder, J.**, **Tester, R.**, & **Dowell, A.** (2014). Negotiating role boundaries in interpreter-mediated consultations: Processes and perceptions. *Proceedings of the European Association for Communication in Healthcare (EACH) International Conference.*, (pp. 70-71). Retrieved from <http://www.each-conference.com/>.

Tester, R., **Moriarty, H.**, & **Stubbe, M.** (2014). Understanding service provider perspectives of recovery. *Proceedings of the 19th Cutting Edge Conference*. Retrieved from <http://cuttingedge.org.nz/>.

Tester, R., **Moriarty, H.**, & **Stubbe, M.** (2014). Demystifying addiction recovery: Areas of tension. *Drug & Alcohol Review*, 33(Suppl. 1), (pp. 67). [doi: 10.1111/dar.12222](https://doi.org/10.1111/dar.12222)

Theadom, A., Barker-Collo, S., Starkey, N., Jones, K., Parag, V., Ameratunga, S., ... **Dowell, A.**, ... on behalf of the BIONIC Research Group. (2014). Persistent problems and predictors of recovery one year following mild traumatic brain injury. *Australasian Epidemiologist*, 21(3), (pp. 36-37).

Conference Contribution - Poster Presentation (not in published proceedings)

Beckingsale, L., Fairbairn, K., & **Morris, C.** (2014, May). *Delivering accessible and culturally appropriate nutrition care for patients with type two diabetes*. Poster session presented at the New Zealand Society for the Study of Diabetes (NZSSD) Annual Scientific Meeting, Queenstown, New Zealand.

Coleman, K., **Darlow, B.**, & **McKinlay, E.** (2014, May-June). *Does inter-professional education (IPE) make a difference?* Poster session presented at the Canadian Association of Medical Radiation Technologists Annual General Conference, Edmonton, Canada.

Morris, C., McKinlay, E., & Pullon, S. (2014, June). *"Reaching our potential": The impact of postgraduate interprofessional education (IPE).* Poster session presented at the 7th International Conference on Interprofessional Practice and Education: All Together Better Health VII, Pittsburgh, PA.

Morris, C., McKinlay, E., & Pullon, S. (2014, September). *"Reaching our potential": The impact of postgraduate interprofessional education (IPE).* Poster session presented at the New Zealand Interprofessional Health Conference, Auckland, New Zealand.

Pullon, S., & McKinlay, E. (2014, June). *Health professional degree programmes: Governance and opportunities for interprofessional education in NZ.* Poster session presented at the 7th International Conference on Interprofessional Practice and Education: All Together Better Health VII, Pittsburgh, PA.

Conference Contribution - Verbal presentation and other Conference outputs

Arcus, K., **McKinlay, E.**, & Nelson, K. (2014, August). *Making primary healthcare nursing visible: Three novel nursing roles researched, analysed and documented.* Verbal presentation at the NZ College of Primary Health Care Nurses NZNO Conference: Nurses: Live better, laugh sooner, care more, Wellington, New Zealand.

Ballantyne, A. (2014, June). *Improving management of surgical innovation: A case study for challenging the research-treatment distinction [Roundtable discussion: Regulation of research, efficiency and internationalization: Does one size fit all?].* Verbal presentation at the 12th World Congress of Bioethics, Mexico City, Mexico.

Canty, J. (2014, September). *LGBTI: The last taboo? Developing a cultural competence education session for undergraduate medical students.* Verbal presentation at the General Practice & Primary HealthCare Research Weekend, Taupo, New Zealand.

Darlow, B., & Thompson, B. (2014, March). *How clinicians (should) influence their patients.* Verbal presentation at the 39th Annual Scientific Meeting of the New Zealand Pain Society, Dunedin, New Zealand.

Doolan-Noble, F., Love, T., **Dowell, T., & Pullon, S.** (2014, July). *Are the views of NZ GPs regarding obesity, obese men, and their role in its management consistent? Find out.* Verbal presentation at the Royal New Zealand College of General Practitioners (RNZCGP) Conference for General Practice: Making Connections: Are You Plugged In?, Christchurch, New Zealand.

Darlow, B., & Thompson, B. (2014, March). *How clinicians (should) influence their patients.* Verbal presentation at the 39th Annual Scientific Meeting of the New Zealand Pain Society, Dunedin, New Zealand.

Dowell, T. (2014, May). *Communicating diabetes: Saving the world one sentence at a time.* Invited speaker at the New Zealand Society for the Study of Diabetes (NZSSD) Annual Scientific Meeting, Queenstown, New Zealand.

Dowell, T. (2014, September). *All that wheezes is confusing: Particularly between the ages of 1 and 2.* Verbal presentation at the General Practice & Primary HealthCare Research Weekend, Taupo, New Zealand.

- Gray, B.** (2014, July). *The use of interpreters in primary care*. Verbal presentation at the Royal New Zealand College of General Practitioners (RNZCGP) Conference for General Practice: Making Connections: Are You Plugged In?, Christchurch, New Zealand.
- Gray, B.** (2014, April). *Why don't we use interpreters?* Verbal presentation at the Acurity Health GP Conference, Wellington, New Zealand.
- Howard-Brown, C. (2014, September). *Working towards primary healthcare and aged residential care integration in New Zealand*. Verbal presentation at the General Practice & Primary HealthCare Research Weekend, Taupo, New Zealand.
- Lim, B. T., & Moriarty, H.** (2014, November). *Exploring health literacy needs of NZ refugees and migrants with cancer*. Verbal presentation at the Psychosocial Oncology Conference: The Big "C" Communication, Palmerston North, New Zealand.
- Makowharemahihi, C.** (2014, September). *Ngā Ara Tika: Integrated practices in oral and general health in the primary care setting*. Verbal presentation at the General Practice & Primary HealthCare Research Weekend, Taupo, New Zealand.
- Mathieson, F., Jordan, J., & **Stubbe, M.** (2014, October). *The metaphoric dance: Co-construction of metaphor in CBT*. Verbal presentation at the Aotearoa New Zealand Association for Cognitive Behavioural Therapy (AnzaCBT) Conference, Christchurch, New Zealand.
- Mathieson, F., **Stubbe, M.**, & Jordan, J. (2014, June). *Nailing down jelly: Exploring metaphor use in cognitive behaviour therapy*. Verbal presentation at the 10th Conference of the Association for Researching and Applying Metaphor (RaAM): Metaphor in Communication Science and Education, Cagliari Sardinia, Italy.
- McKinlay, E.**, Coleman, K., Beckingsale, L., **Darlow, B.**, **Gray, B.**, Nesar, H., Stanley, J., **Pullon, S.**, Gallagher, P., Perry, M., Donovan, S. (2014, September). *Does interprofessional education make a difference to students' attitudes?* Verbal presentation at the New Zealand Interprofessional Health Conference, Auckland, New Zealand.
- McKinlay, E.**, & **Pullon, S.** (2014, September). *Opportunities for interprofessional health care education: Prelicensure/undergraduate health professional degree programmes at Otago University*. Verbal presentation at the New Zealand Interprofessional Health Conference, Auckland, New Zealand.
- Pullon, S.** (2014, October). *The Tairāwhiti IPE project*. Verbal presentation at the Rural Undergraduate Medical Education Summit, Auckland, New Zealand.
- Pullon, S.** (2014, April). *Chlamydia: Why hasn't azithromycin fixed it?* Verbal presentation at the Acurity Health GP Conference, Wellington, New Zealand.
- Pullon, S.**, & McHugh, P. (2014, October). *Social accountability and IPE*. Verbal presentation at the Rural Undergraduate Medical Education Summit, Auckland, New Zealand.
- Pullon, S.**, **McKinlay, E.**, Gallagher, P., **Gray, L.**, Skinner, M., & McHugh, P. (2014, September). *Fostering social accountability in health professional education: How IPE can help?* Verbal presentation at the New Zealand Interprofessional Health Conference, Auckland, New Zealand.

Pullon, S., McKinlay, E., & Morgan, S. (2014, September). *Observation of interprofessional collaborative practice in primary care: An integrative review*. Verbal presentation at the General Practice & Primary HealthCare Research Weekend, Taupo, New Zealand.

Stubbe, M. (2014, April). *Talking about overweight and obesity: Getting the topic 'on the table' in routine consultations*. Verbal presentation at the Acurity Health GP Conference, Wellington, New Zealand.

Stubbe, M. (2014, July). *Progress report from Aotearoa New Zealand*. Verbal presentation at the Emerging Field of Health Experiences Research International Symposium, Kyoto, Japan.

Stubbe, M., & Dew, K. (2014, June). *I understand what it is but I didn't expect to get it: Justifications for delayed presentation in the accounts of newly diagnosed diabetes patients*. Verbal presentation at the 4th International Conversation Analysis (ICCA) Conference, Los Angeles, CA.

Taylor, R., **McKinlay, E., & Morris, C.** (2014, August). *What is the current place of Standing Orders in general practice?* Verbal presentation at the NZ College of Primary Health Care Nurses (NZNO) Conference: Nurses Live Better: Laugh Sooner: Care More, Wellington, New Zealand.

Visser, J. (2014, June). *Travel essentials: Don't let the travel bugs get you*. Verbal presentation at the General Practice Conference & Medical Exhibition (GP CME), Rotorua, New Zealand.

Visser, J. (2014, August). *It all starts with one little bite....* Workshop presentation at the South General Practice Conference & Medical Exhibition (GP CME), Dunedin, New Zealand.

White, S., & **Stubbe, M.** (2014, June). *Responding to diagnosis in surgeon-patient consultations*. Verbal presentation at the 4th International Conversation Analysis (ICCA) Conference, Los Angeles, CA.

Commissioned Report for External Body

McKenzie, S., Carter, K., & **Filoche, S.** (2014). *Alcohol and older people: A descriptive analysis of changes in alcohol use in older New Zealanders from 2004 to 2009*. Commissioned by Health Promotion Agency. Wellington, New Zealand: Health Promotion Agency. 71p.

Other Research Output

Public Lecture

Lawton, B. (2014, July). *Chasing equity: Our women and children are dying*. University of Otago Winter Lecture Series. Wellington, New Zealand.

Lawton, B. (2014, July). *Chasing equity: Our women and children are dying*. University of Otago Winter Lecture Series. Auckland, New Zealand.

Research Presentation

Stubbe, M. (2014, October). *Negotiating role boundaries in interpreter-mediated consultations: Processes and perceptions*. Nuffield Department of Primary Care and Health Sciences, University of Oxford, UK

Stubbe, M. (2014, October). *Negotiating role boundaries in interpreter-mediated consultations: Processes and perceptions*. Center for Dementia Research, Linköping Universitet, Norrköping, Sweden.

Awarded Doctoral Degree

Darlow, B. J. (2014). *The development of a new approach to acute low back pain management in general practice* (PhD). University of Otago.

Awarded Masters Degree

Gray, B. (2014, 2014). *How does the concept of cultural competence affect the practice of bioethics and health law*. Centre for Bioethics. Masters of Bioethics and Health Law, from <http://hdl.handle.net/10523/5472>

Total publications (2014) for Primary Healthcare and General Practice, University of Otago, Wellington, Health Sciences Division: 95

Advance On-line Publications *(not included in 2014 output total)*

Barthow, C., Jones, B., **Macdonald, L.**, Vernall, S., Gallagher, P., & **McKinlay, E.** (2014). Researching in the community: The value and contribution of nurses to community based or primary health care research. *Primary Health Care Research and Development*. doi: [10.1017/s1463423614000097](https://doi.org/10.1017/s1463423614000097)

Canty, J., **Stubbe, M.**, Steers, D., & Collings, S. (2014). The trouble with bullying: Deconstructing the conventional definition of bullying for a child-centred investigation into children's use of social media. *Children & Society*. doi: [10.1111/chso.12103](https://doi.org/10.1111/chso.12103)

Weatherall, A., & **Stubbe, M.** (2014). Emotions in action: Telephone-mediated dispute resolution. *British Journal of Social Psychology*. doi: [10.1111/bjso.12082](https://doi.org/10.1111/bjso.12082)

CORRECTIONS

Advance On-line Publications reported in 2013 Research Report, now in print for 2013

(to be added to the 2013 output total)

Journal - Research Article

Pullon, S., McKinlay, B., Yager, J., Duncan, B., McHugh, P., & Dowell, A. (2013). Developing indicators of service integration for child health: Perceptions of service providers and families of young children in a region of high need in New Zealand. *Journal of Child Health Care*.

Advance online publication. [doi: 10.1177/1367493513496673](https://doi.org/10.1177/1367493513496673)

Research Outputs omitted from 2013 Research Report

(to be added to the 2013 output total)

Conference Contribution

Burrell, J., & **Turner, N.** (2013, February). *How can general practice teams improve children's health? [Case study and issues forum]*. Verbal presentation at the Royal New Zealand College of General Practitioners (RNZCGP) Quality Symposium: Putting Improvement Science into Practice for Child Health, Wellington, New Zealand.

Dowell, T. (2013, February). *The café at the end of the universe: What would a quality menu for children look like?* Keynote presentation at the Royal New Zealand College of General Practitioners (RNZCGP) Quality Symposium: Putting Improvement Science into Practice for Child Health, Wellington, New Zealand.

Jones, B., Te Whare, J., **Lawton, B.**, Bird, K., & King, P. (2013, February). *Te Akoranga a Maui Equity: "It's all about Whānau Ora!"*. Verbal presentation at the Royal New Zealand College of General Practitioners (RNZCGP) Quality Symposium: Putting Improvement Science into Practice for Child Health, Wellington, New Zealand.

Kane, P., Jasperse, M., Egan, R., **Pullon, S.**, **McBain, L.**, & **McKinlay, E.** (2013). An investigation of best ways for New Zealand (NZ) GPs to support and inform those affected by cancer under their care. *Proceedings of the New Zealand Institute of Medical Radiation Technology (NZIMRT) Conference*.

Retrieved from <http://www.nzimrt.co.nz/>

MacDonald, J., McKimm, J., Gasquoine, S., Hawken, S., Henning, M., **Moriarty, H.**, Wilkinson, T., Chan, K., ... **Hilder, J.** (2013). Health professionals in Cyberspace: Enhancing the learning of professionalism in the context of Web 2.0. *Proceedings of the Association for the Study of Medical Education (ASME) Annual Scientific Meeting: Changes in Healthcare Delivery and the Effects on Medical Education.*, (pp. 109).

Retrieved from <http://www.asme.org.uk/2013/annual-scientific-meeting-2013.html>

Rose, S. (2013, October-November). *Post-abortion uptake and effectiveness of Government-funded contraceptive implants*. Verbal presentation at the Family Planning Conference: Positive Sexual Health, Wellington, New Zealand.

Current Research

Funded Projects

Principal Investigator	Co-Investigators	Project Name	Funder	Start Date	End Date	Project Amount
PHCGP PROJECTS						
Angela Ballantyne	J. Crane, S. Pullon, L. Macdonald	Research during pregnancy: what do women think about participation? (NEW)	Internal - UORG	Jul-14	Sep-15	21,229
Ben Gray	M. Stubbe, J. Hilder, R. Tester	Understanding Interpreted Consultations (NEW)	RNZCGP	Jan-14	Jun-14	10,000
Bev Lawton	C. Makowharemahihi, S. Brown, P. Ellison, A. Cooper, B. Robson, F. Cram	Wahine Hauora: Addressing barriers to care (E Hine) (EXTENDED)	HRC	Sep-10	Sep-14	1,199,936
Bev Lawton	B. Robson, T. Dowell, J. Stanley, J. Mann, J. MacDonald, C. Makowharemahihi, S. Rose, S. Garrett, S. Brown, T. Ngata	Diabetes: The impact of maternal care disparities on Maori mothers and infants	HRC	Aug-12	Jul-15	1,192,365
Bev Lawton	S. Geller, J. Stanley, J. MacDonald, S. Garrett, S. Brown, F.Cram, S. Snively	Addressing the burden and preventability of severe acute maternal morbidity - a national review	Ministry of Health	Aug-13	Jul-16	1,199,906
Bev Lawton	C. Makowharemahihi, T. Ngata	Addressing Barriers and Facilitators of care for young Maori Whanau (Age 2)	Ministry of Health	Dec-13	Nov-14	87,000
Bev Lawton	S. Geller, J. Stanley, J. MacDonald, S. Garrett, S. Brown, F.Cram, S. Snively	Addressing avoidable harm suffered by Maori Babies (SAMM Kids) (NEW)	HRC	Sep-14	Aug-17	1,199,999
Charrissa Makowharemahihi	N/A	E Hine - Roopu Mama (Young Maori Mothers) (EXTENDED)	Ministry of Youth Development	Jun-11	Sep-14	18,660
Helen Moriarty	M. Stubbe, R. Tester	Demystifying addiction recovery: understanding service user and provider perspectives (NEW)	Internal - UORG	Jan-14	Mar-15	24,426
Jenny Visser	M. Baker, A. Narayan	Illness & Injury in long-term aid workers to developing countries	Internal - UORG	Jan-13	Mar-14	5,000
Jenny Visser	A. Narayan	Illness & Injury in long-term aid workers to developing countries	International Society of Travel Medicine	Jun-13	May-15	(USD 4,547) 5,113
Lesley Gray	M. Stubbe, L. Macdonald, R. Tester, T. Dowell	Talking About Overweight and Obesity(TABOO)	Internal - UORG	Jan-13	Mar-14	24,045

Funded Projects ctd.

	Principal Investigator	Co-Investigators	Project Name	Funder	Start Date	End Date	Project Amount
PHCGP PROJECTS							
	Maria Stubbe	B. Gray, T. Dow ell, J. Hilder, L. Macdonald, R. Tester,	Communication in Interpreted Health Encounters: PHASE 2: Full Study	NZ Lottery Grants	Aug-12	Jul-14	73,451
	Maria Stubbe	T. Dow ell, L. Macdonald, R. Tester	Understanding the lived experience of people with diabetes in New Zealand: a narrative inquiry (NEW)	Internal - UORG	Jan-14	Mar-15	21,750
	Sally Rose	S. Garrett	Assessing the uptake and effectiveness of government-funded contraceptive implants	Internal - UORG	Jan-13	Mar-14	30,000
	Sally Rose	N/A	Same-day LARC insertion at abortion clinics: are there regional differences in access or uptake? (NEW)	ISTAR Ltd.	Jun-14	Apr-15	9,765
	Sally Rose	S. Pullon, J. Stanley, S. Garrett	Is the rising popularity of long-acting contraception impacting on Chlamydia rates? (NEW)	WMRF	Jun-14	May-15	5,900
	Sara Filoche	B. Law ton, J. Stanley, S. Brown	More than the baby blues? Exploring maternal mental health of young Maori women (NEW)	Internal - UORG	Jan-14	Mar-15	22,916
	Sue Garrett	B. Law ton	Exploring caesarean section rate disparities: What's so special about Wellington?	Internal - UORG	Jan-13	Mar-14	5,000
	Sue Pullon	E. McKinlay, B. Gray, S. Morgan, L. Macdonald	An observational study of collaborative primary care practice (SIPP Study)	NZ Lottery Grants	Apr-12	Mar-14	23,175
	Sue Pullon	E. McKinlay, B. Gray, S. Morgan, L. Macdonald, S. Donovan, R. Tester	Collaborative care across health agencies for patients with chronic conditions: an exploratory study (NEW)	Internal - UORG	Jan-14	Mar-15	25,000
	Sue Pullon	B. Darlow , C. Wilson, E. McKinlay. P Gallagher, L Gray	Longitudinal Interprofessional Study (NEW)	Internal - Division of Health Sciences, UoO	Nov-14	Jun-18	200,000
	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	Dec-15	44,407
	Tony Dowell	M. Stubbe, L. McBain (+Compass Health)	The morbidity patterns of childhood illness in general practice	NZ Lottery Grants	Aug-13	Jul-15	51,200
	Tony Dowell	L. McBain, M. Stubbe, B. Darlow	Improving child health: innovative ways of assessing injury morbidity and service use in primary care (NEW)	Internal - UORG	Jan-14	Mar-15	34,620

External Collaboration/Consultancies

	Principal Investigator	Co-Investigators	Project Name	Funder	Start Date	End Date	Amount
EXTERNAL COLLABORATION							
Dean's Dept. (UOW)	Roshan Perera	H. Moriarty, M. Huthwaite, S. Pullon, L. Gray, P. Gallagher, B. Lim, R. Tester	The Empathy Project: what happens to undergraduate empathy skills in early postgraduate years?	CALT RUT 2013	Jan-13	Mar-14	18,578
Massey University / Public Health (UOW)	Louise Signal	K. Dew, M. Stubbe, J. Stairmand, E. Dennett, J. Koea, A. Simpson, D. Sarfati, C. Cunningham, L. Batten, L. Ellison-Ioschman, J. Barton, M. Holdaway	C3 Cancer Care Journeys and Clinical Decision-making in Multidisciplinary Teams Phase 1: Clinical Decision-making in Multidisciplinary teams (EXTENDED)	HRC	Oct-11	Sep-14	1,198,742
University of Auckland	Lesley McCowan	B. Lawton	Multi-centre case control stillbirth study	HRC	Oct-12	Sep-15	56,242
UOC	Peter Sykes	B. Lawton, B. Simcock, M. Hibma	The conservative management of young women with CIN2	HRC	Oct-13	Sep-17	1,107,627
Psychological Medicine (UOO)	Steve Gallagher	J. Rountree, B. Drummond, J. Millichamp, M. Stubbe	Developing reflective practitioners through online video-based self reflection	CALT RUT 2013	Jan-13	Mar-14	20,000
COMMERCIAL CONSULTANCIES							
	Tony Dowell	N/A	Review of youth mental health project	KPMG	Dec-13	Feb-14	6,600
	Sue Pullon	T. Dowell, L. McBain	Evaluation of the RPRP (NEW)	Malatest Ltd.	Jan-14	Dec-19	34,560
	Tony Dowell	N/A	Integrated Practice Guidelines for Oral Maori Health (NEW)	Virgina Signal	Apr-14	Aug-14	5,081
	Tony Dowell	N/A	Review of youth mental health project (NEW)	KPMG	Jul-14	Oct-14	11,000

Student Research in Progress

Higher Degrees

Name	Degree	Thesis title	Start date	Projected end date	Full / PT	Supervisors
Robyn Taylor	MPHC	Standing order use in primary care	1/03/2013	30/06/2015	PT	Eileen McKinlay, Caroline Morris
Trevor Lloyd	MGP	Histories of chest pain	1/03/2014	31/08/2016	PT	Sue Pullon, Maria Stubbe
Mel Pande	PhD	Adaptation of overseas trained doctors to the work culture of NZ general practice	1/06/2007	Submitted Nov 2014	PT	Tony Dowell, Jackie Cumming (Vic)
Christine Howard-Brown	PhD	Working towards PHC & aged residential care integration	1/06/2011	31/05/2017	PT	Roshan Perera (MEG), Sally Keeling (Medicine)
Fiona Doolan-Noble	PhD	Obesity management in general practice with a specific focus on NZ men of higher weight	1/01/2012	31/03/2015	FT	Tom Love, Sue Pullon, Tony Dowell
Fiona Mathieson	PhD	Metaphors in cognitive behaviour therapy	1/03/2013	28/02/2019	PT	Maria Stubbe, Jenny Jordan (Psych Med)
Under Examination						
Louise Beckingsale	MHealSc	Experiences & perceptions of NZ primary care dietitians				Caroline Morris, Kirsty Fairbairn (Human Nutrition)
Degrees Awarded in 2014						
Ben Darlow	PhD	Intervention to decrease perceived threat associated with low back pain				Tony Dowell, Dave Baxter (Physio), Fiona Mathieson (Psych Med)

Summer Student Projects 2014/15

Funder	Project Title	Supervisor/s	Student Name
Royal New Zealand College of General Practice	Investigating health literacy and health navigation for patients newly diagnosed with cancer	Helen Moriarty	Emily Cartmell
Wgtn Faculty of GPs (RNZCGP)	Community pharmacist opinion of weight management intervention in NZ: their role, barriers and facilitators	Lesley Gray Caroline Morris	Rachel Chamberlain
Turanga Health School of Physiotherapy - UOO	Interprofessional education in a rural community – the stakeholders' perspective	Sue Pullon Patrick McHugh Margot Skinner	Kelly Pelham
Medibank Health Solutions	Telephone based treatment of mild to moderate mental health issues	Tony Dowell Richard Medlicott	Emily Hayward
Health Research Council (summer studentships)	Assessing maternal morbidity associated with sepsis: A retrospective audit of SAMM cases of sepsis	Bev Lawton	Te Kahui Tapsell
Te Omanga Hospice	Integrated pathway of care at Te Omanga (ImPaCT): an action research project	Helen Moriarty Roshan Perera	Phil Dabrowski