

CV: Simon James Thornley

1a. Personal details				
Full name	Dr	Simon	James	Thornley
Present position		Epidemiologist; Senior Lecturer; Senior Research Fellow		
Organisation/Employer		Auckland Regional Public Health Service; The University of Auckland; Auckland University of Technology.		
Contact Address	1/8 Puriri Ave, Greenlane, Auckland 1051			
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Personal website	https://unidirectory.auckland.ac.nz/profile/s-thornley			
Date of birth	30 July 1975			

1b. Academic qualifications

2008 Fellow of the Australasian Faculty of Public Health Medicine
2008 Fellow of the New Zealand College of Public Health Medicine
2014 PhD (Medicine), University of Auckland.

1c. Professional positions held

2000 – 2002 House Officer, Auckland Hospitals
2003 – 2005 Adult Medicine Registrar, Auckland Hospitals.
2006 Public Health Medicine Basic Trainee, New Zealand College of Public Health Medicine
2006 -2007 Research Fellow, Clinical Trials Research Unit, University of Auckland.
2007-2008 Public Health Medicine Advanced Trainee, Auckland Regional Public Health Service
2008 Public Health Medicine Advanced Trainee, Counties Manukau District Health Board.
2009 to 2016 Assistant Research Fellow/Public Health Physician. Section of Epidemiology and Biostatistics, University of Auckland
2009 to 2011. Smoking Cessation Consultant, Quit Group.
2010 to 2014. Professional teaching fellow and PhD student, Section of Epidemiology and Biostatistics, University of Auckland
2012 Expert witness (epidemiology), Crown Law (NZ)
2014 to 2016. Epidemiologist, Auckland Regional Public Health Service (0.2 FTE)
2014 to 2017 Public Health Physician, Population Health Team and Māori Health Development Counties Manukau District Health Board (0.8 FTE)
2014 to present. Contracting epidemiologist to the Royal New Zealand Foundation for the Blind.
2016. Contracting epidemiologist, Auckland Regional Public Health Service.

2017 (current) Epidemiologist, Auckland Regional Public Health Service (0.4 FTE)
2017 (current) Senior Lecturer (level 5), University of Auckland (0.4 FTE)
2017 (current) Senior Research Fellow, Auckland University of Technology (0.2 FTE)
2020 (current) Senior Lecturer (over the bar) University of Auckland (1.0 FTE)
2020 Consultant to Auckland International Airport Inc.

Teaching

- 2012 to 2014 Course Co-ordinator, Principles of Applied Epidemiology, POPLHLTH 304.
- 2012 to 2014 Supervisor, Bachelor of Health Science Student Internship programme
- 2012-2014 Member Population Health Intensive steering group. MBChB V course.
- 2012 to present Guest lecturer, various undergraduate and postgraduate courses in the University of Auckland and Auckland University Technology (FOOD SCI 714 Research Methodologies in Food Safety, POPLHLTH 103G, Epidemics: From Black Plague to Bioterrorism, SPEX801 Applied Nutrition and Exercise Science, POPLHLTH 760 – Principles of Public Health). POPLHLTH 303 Health Informatics.
- 2018 Guest Lecturer Certificate in Public Health and Health Promotion, Manukau Institute of Technology (Friday 22nd June 2018).
- 2017 Co-course co-ordinator POPLHLTH 724 Quality in HealthCare; Co-ordinator of Quality component of MBChB V course.
- 2018 to 2020 Course co-ordinator POPLHLTH 709 Evidence for best practice, which incorporates half of the Pharmacy 764: Medicines Information and Critical Appraisal course.
- 2018 to present Guest Lecturer POPLHLTH 312 Health and Pacific People in NZ.
- 2018 to present Guest Lecturer POPLHLTH 303 Health Informatics
- 2019 to present: Course co-ordinator POPLHLTH 304 Principles of Applied Epidemiology.
- 2020 to present: Course co-ordinator POPLHLTH 216 Essential Epidemiology
- 2018 to 2019 Population Health Intensive Week Assessor MBChB V

1d. Present research/professional speciality

Simon is a public health medicine specialist and epidemiologist with considerable experience in the areas of scabies and rheumatic fever incidence, smoking cessation, cardiovascular health, nutrition and injury prevention research. He is an experienced data analyst and user of R software.

1e. Total years research experience

12 years

1f. Professional distinctions and memberships (including honours, prizes, scholarships, boards or governance roles, etc)

2020 Top cited article in *Journal of Paediatrics and Child Health* for 2018 and 2019 (Thornley, S., Marshall, R., Jarrett, P., Sundborn, G., Reynolds, E., & Schofield, G. (2018). Scabies is strongly associated with acute rheumatic fever in a cohort study of Auckland children. *Journal of Paediatrics and Child Health*.)

2017 Runner up, Health Informatics New Zealand, Clinicians' Challenge, with a project entitled: 'internet-of-things ketone breath sensor'.

2014 to present. Health Research Council scientific assessing committee member

2014 Early career researcher award. Australasian Epidemiology Association.

2013 Student prize. Australasian Epidemiology Association.

2013 to present. Founding member of FIZZ [advocacy group: **Fighting Sugar in Soft Drinks**] (along with conference steering committee).

2008 Fellow of the Australasian Faculty of Public Health Medicine;
Fellow of the New Zealand College of Public Health Medicine.

2007- Present. Member Australasian Epidemiological Association

1997. Kingsley Mortimer Memorial Prize in Anatomy. Auckland University.

1g. Total number of <i>peer reviewed</i> publications and patents	Journal articles	Books, book chapters, books edited	Conference proceedings
	56	2	11

PART 2

2a. Research publications and dissemination

Peer-reviewed journal articles

Smith BJ, Morris AJ, Johnston B, Child S, **Thornley S**. Estimating the effect of selective border relaxation on COVID-19 in New Zealand. *The New Zealand Medical Journal* (Online). 2021 Feb 5;134(1529):10-25.

Thornley S, Bach K, Bird A, Farrar R, Bronte S, Turton B, Atatoa-Carr P, Fa'alili-Fidow J, Morton S, Grant C. What factors are associated with early childhood dental caries? A longitudinal study of the Growing Up in New Zealand cohort. *Int J Paediatr Dent*. 2020 Jun 30.

Rodda SN, Booth N, Brittain M, McKean J, **Thornley S**. I was truly addicted to sugar: A consumer-focused classification system of behaviour change strategies for sugar reduction. *Appetite*. 2020 Jan 1;144:104456.

Dirks KN, Chester A, Salmond JA, Talbot N, **Thornley S**, Davy P. Arsenic in Hair as a Marker of Exposure to Smoke from the Burning of Treated Wood in Domestic Wood Burners. *International Journal of Environmental Research and Public Health*. 2020 Jan;17(11):3944.

Thornley S, King R, Marshall R, et al. How strong is the relationship between scabies and acute rheumatic fever? An analysis of neighbourhood factors. *J Paediatr Child Health* 2019.

Thornley S, Schofield G, Zinn C, Henderson G. How reliable is the statistical evidence for limiting saturated fat intake? A fresh look at the influential Hooper meta-analysis. *Intern Med J* 2019. epub ahead of print.

Shackleton N, Broadbent JM, **Thornley S**, et al. Inequalities in dental caries experience among 4-year-old New Zealand children. *Community Dent Oral Epidemiol* 2018;46(3):288-96.

Thornley S, Marshall R, Jarrett P, Sundborn G, Reynolds E, & Schofield G. (2018). Scabies is strongly associated with acute rheumatic fever in a cohort study of Auckland children. *Journal of Paediatrics and Child Health*.

Thornley S, et al. The effect of a school nutrition policy on dental caries: a study of a primary school with a low sugar policy compared to surrounding schools. *J Paediatr Child Health* 2017; May;53(5):494-499.

Thornley S and Marshall R. Lack of housing, hospital treatment and premature mortality: a cohort study of people in Counties Manukau district. *The New Zealand Medical Journal* 129.1440 (2016): 84.

Thornley S, et al. Sugar, dental caries and the incidence of acute rheumatic fever: a cohort study of Māori and Pacific children. *J Epidemiol Community Health* 2016; 0:1–7.

Schofield, G., et al. Very low-carbohydrate diets in the management of diabetes revisited. *N Z Med J* 2016; 129: 1432.

Thornley, S., et al. Mass Shock-dosing of Cooling Towers in Response to A Legionella pneumophila Outbreak: Did it Work? J Biomet Biostat; 2015; 6:250

Reynolds, G., et al. Analysis of the Auckland 2014 measles outbreak indicates that adolescents and young adults could benefit from catch-up vaccination. N Z Med J 2015; 128(1422): 53-62.

Murphy R, **Thornley S**, et al. Sugar Sweetened Beverage Consumption among Adults with Gout or Type-2 Diabetes. PLoS One 2015; 10(5): e0125543.

Thornley S., et al. Alcohol intake, marijuana use, and sleep deprivation on the risk of falls occurring at home among young and middle-aged adults: a case-crossover study. N Z Med J; 2014; 127(1406): 32-38.

Thornley S, Sundborn G. The case to ban sugary food and drink from schools: these products are addictive, and kids will learn best without them. Pac Health Dialog 2014; 20(1).

Thornley S, et al. Rheumatic fever in New Zealand: what are the teeth trying to tell us? Pac Health Dialog 2014; 20(1).

Thornley S, Sundborn G. The story of FiZZ: an advocacy group to end the sale of sugar sweetened beverages in New Zealand. Pac Health Dialog 2014; 20(1).

Thornley S, et al. Alcohol intake, marijuana use, and sleep deprivation on the risk of falls occurring at home among young and middle aged adults: a case-crossover study. N Z Med J 2014; 127(1406): 32-38.

Grey C, Jackson R, Wells S, **Thornley S** et al. Maintenance of statin use over 3 years following acute coronary syndromes: a national data linkage study (ANZACS-QI-2). Heart 2014;100(10):770-4.

Thornley S, Marshall RJ, Wells S, Jackson R. Using Directed Acyclic Graphs for Investigating Causal Paths for Cardiovascular Disease. J Biomet Biostat 2013;4(182)

Thornley, S., K. N. Dirks, et al. Indoor air pollution levels were halved as a result of a national tobacco ban in a New Zealand prison. Nicotine Tob Res 2013; **15**(2): 343-347.

Thornley, S., R. J. Marshall, et al. Is serum urate causally associated with incident cardiovascular disease? Rheumatology 2013; 52(1): 135-142.

Jackson, G., C. Wright, et al. Potential unmet need for gout diagnosis and treatment: capture-recapture analysis of a national administrative dataset. Rheumatology 2012; 51(10): 1820-1824.

Mehta, S., S. Wells, et al.. Initiation and maintenance of cardiovascular medications following cardiovascular risk assessment in a large primary care cohort: PREDICT CVD-16. Eur J Prev Cardiol 2014; 21(2):192-202.

Winnard, D., C. Wright, et al. National prevalence of gout derived from administrative health data in Aotearoa New Zealand. Rheumatology 2012; 51(5): 901-909.

Thornley S et al. Sugar restriction: the evidence for a drug-free intervention to reduce cardiovascular disease risk. Intern Med J 2012; 42 Suppl 5: 46-58.

Ghias M, Pervaiz M, **Thornley S**, Marshall R. Statistical Modelling and Analysis of Risk Factors for Hepatitis C Infection In Punjab, Pakistan. World Applied Sciences Journal 2012; 20(2):241-52.

Ghias M, Pervaiz M, **Thornley S**, Marshall R. Identification of Risk Factors for Hepatitis C Infection in the Gujranwala District of Punjab, Pakistan. World Applied Sciences Journal 2012; 20(1):94-101.

Lawes CMM, **Thornley S** et al. Statin use in COPD patients is associated with a reduction in mortality: a national cohort study. Prim Care Respir J 2012; 21(1):35-40.

Sundborn, G., et al. The 'Endgame' for sugar sweetened beverages. Obesity Research & Clinical Practice 2012; 6: 62-63.

Chang E, Tsang B, **Thornley S**. Language barriers in the community pharmacy: a survey of northern and western Auckland. J Prim Health Care 2011;3(2):102-6.

Thornley S et al. Can the prevalence of diagnosed diabetes be estimated from linked national health records? The validity of a method applied in New Zealand. J Prim Health Care. 2011 3(4):262-8.

Thornley S, Stewart A, Marshall R, Jackson R. Per capita sugar consumption is associated with severe childhood asthma: an ecological study of 53 countries. Prim Care Respir J 2011;20(1):75-8.

Thornley S, Russell B, Kydd R. Carbohydrate reward and psychosis: an explanation for neuroleptic induced weight gain and path to improved mental health? Current Neuropharmacology 2011; 9:370-375.

Jonas MF, **Thornley SJ**. Smoky Rooms and Fuzzy Harms: How Should the Law Respond to Harmful Parental Practices? Public Health Ethics 2011; doi: 10.1093/phe/phr023

Jackson G, **Thornley S**, Woolston J, Papa D, Bernacchi A, Moore T. Reduced acute hospitalisation with the healthy housing programme. J Epidemiol Community Health 2011;65(7):588-93.

Mehta S, Wells S, Riddell T, Kerr A, Pylypchuk R, Marshall R, Marshall, R, Ameratunga S, Chan W C, **Thornley S** et al. Under-utilisation of preventive medication in patients with cardiovascular disease is greatest in younger age groups (PREDICT-CVD 15). J Prim Health Care 2011;3(2):93-101.

Thornley, S., et al. Alcohol and risk of admission to hospital for unintentional cutting or piercing injuries at home: a population-based case-crossover study. BMC Public Health 2012; 11(1): 852.

Thornley S, et al. Four out of ten patients are not taking statins regularly during the 12 months after an acute coronary event. Eur J Cardiovascular Prev Rehabil 2012; 19(3):349-57.

McRobbie H, **Thornley S** et al. A randomised trial of the effects of two novel nicotine replacement therapies on tobacco withdrawal symptoms and user satisfaction. *Addiction* 2010; 19: 98-103.

Bullen C, McRobbie H, **Thornley S** et al. Effect of an electronic cigarette on desire to smoke and withdrawal, user preferences and nicotine delivery: randomised cross-over trial. *Tobacco Control* 2010; 19: 98-103.

Thornley S, Marshall R, Jackson G, Smith J, Chan W, Wright C, et al. Estimating diabetes prevalence in South Auckland: how accurate is a method that combines lists of linked health datasets? *N Z Med J* 2010;123(1327):76-86.

Thornley S, McRobbie H, Eyles H, Walker N, Simmons G. The obesity epidemic: is glycemic index the key to unlocking a hidden addiction? *Medical Hypotheses* 2008; 71:709-714

Thornley S, Bullen C, Roberts M. Hepatitis B in a high prevalence New Zealand population: A mathematical model applied to infection control policy. *Journal of Theoretical Biology* 2008; doi:10.1016/j.jtbi.2008.06.022

Thornley S, McRobbie H, Lin RB, Bullen C, Hajek P, Laugesen M, Senior H, Whittaker R. A single blind, randomized, crossover trial of the effects of a nicotine pouch on the relief of tobacco withdrawal symptoms and user satisfaction. *Nicotine and Tobacco Research*. 2009: ntp054

Tin Tin S, Woodward A, **Thornley S**, Ameratunga S. Cycling and walking to work in New Zealand, 1991-2006: regional and individual differences, and pointers to effective interventions. *Int J Behav Nutr Phys Act* 2009; 6:64.

Tin Tin S, Woodward A, **Thornley S** et al. Cyclists' attitudes toward policies encouraging bicycle travel: findings from the Taupo Bicycle Study in New Zealand. *Health Promot Int* 2010; 25(1):54-62.

Thornley S, Jackson G, McRobbie H, Sinclair S, Smith J Few smokers in South Auckland access subsidised nicotine replacement therapy. 2010; *N Z Med J* 123(1308):1-12

Thornley S, McRobbie H, Jackson G. The New Zealand sugar (fructose) fountain: time to turn the tide? *N Z Med J* 2010;123(1311):58-64.

Smith J, Jackson G, Orr-Walker B, Jackson R, Sinclair S, **Thornley S**, et al. A population-based approach to the estimation of diabetes prevalence and health resource utilisation. *N Z Med J* 2010;123(1310):62-73.

McRobbie H, **Thornley S**. The importance of treating tobacco dependence. *Revista Española de Cardiología* 2008;61(6):620-8

Thornley SJ, Woodward A, Langley JD, Ameratunga SN, Rodgers A. Conspicuity and bicycle crashes: preliminary findings of the Taupo Bicycle Study. *Inj Prev* 2008, 14:11-18.

Novak B, Bullen C, Howden-Chapman P, **Thornley S**. Blue collar workplaces: an opportunity to reduce heart health inequalities. *N Z Med J* 2007; 120(1261):1-10

Thornley S. Windsor JA. The role of surgery in the management of obesity. *N Z Med J* 1998; 111(1078):445-8

Editorials

Thornley, S. Causation and Statistical Prediction: Perfect Strangers or Bedfellows?" *J Biomet Biostat* 2012; 3: 7.

Thornley, S. and R. Marshall "Measures of association in epidemiological studies: how best to compare discrete and continuous variables?" *J Biomet Biostat* 2012; 3: e111

Letters and electronic comments to the editor

Thornley S, Jackson D, Sundborn G. Masks, media, fact checkers and the interpretation of scientific evidence. *BMJ* 2020;371:m4586

Lee A, **Thornley S,** Morris AJ, Sundborn G. Should countries aim for elimination in the covid-19 pandemic? *BMJ*. 2020 Sep 9; 370.

Thornley S, Morris AJ, Sundborn G, Bailey S. How fatal is covid-19 compared with seasonal influenza? The devil is in the detail. *BMJ* 2020;371:m3883

Thornley, S., et al. (2018). Is impetigo a missed opportunity for scabies treatment? *N Z Med J* 131(1481): 78-81.

Thornley S, Henderson G, Schofield G. Meta-analysis in research on nutrition. *JAMA* 2018 13;319(10):1050

Sundborn, G., **Thornley S.** et al. (2017). "Policy brief: a sugary drink tax for New Zealand and 10,000-strong petition snubbed by Minister of Health and National Government." *N Z Med J* 130(1462): 114. (peer reviewed)

Sundborn, G. **Thornley, S.** et al. New Zealand infants weaned onto a high sugar diet from four months old: better health or better business? Part II. *The New Zealand Medical Journal* 2017 *In press* (peer reviewed)

Sundborn G, **Thornley S,** et al. Better health or better business: a critique of the childhood obesity plan. *N Z Med J* 2016; 129(1440):145-148. (peer reviewed)

Reynolds, R., Grant, N., **Thornley S** et al. Low uptake of maternal vaccination in notified pertussis cases aged less than 20 weeks. *N Z Med J* 2017; 130(1449):72-74 (peer reviewed).

Thornley, S., et al. Alcohol availability and sponsorship: integrating research and community voices to shape better public policy. *N Z Med J* 2014; 127(1401): 118-120.

Thornley, S., et al. Chewing the saturated fat: how many more negative studies do we need? *N Z Med J* 2015; 128(1421): 80-81.

Sundborn G, **Thornley S,** et al. New Zealand's growing thirst for a sugar-sweetened

beverage tax. N Z Med J 2015; 128(1422): 80-82.

Thornley S, Henderson G, Schofield G. Chewing the saturated fat: should we or shouldn't we? N Z Med J 2014; 127(1394):94-6.

Sundborn G, **Thornley S**, Te Morenga L, Merriman T. FIZZ Sugary Drink Free Pacific by 2030--Symposium Declaration. N Z Med J 2014; 127(1392):98-101

Thornley SJ, Barzi F. Faulty logic justifies aspirin use for primary prevention of cardiovascular disease. BMJ 2013;347.

Collinson L, Wilson N, Edwards R, Thomson G, **Thornley S**. New Zealand's smokefree prison policy appears to be working well: one year on. N Z Med J 2012; 125(1357):164-8.

Sundborn G, **Thornley S**, Jackson R. FIZZ: a new advocacy group to Fight Sugar in Soft-drinks. N Z Med J 2013; 126(1374):107-8.

Sundborn G, **Thornley S**, Jackson R. Coke's anti-obesity campaign: a FIZZ or not? N. Z. Med. J. 2013;126(1379):106-8.

Thornley S, McRobbie H. Carbohydrate withdrawal: is recognition the first step to recovery? N Z Med J 2009; 122(1290)

Jackson G, **Thornley S**. Burden of novel influenza A virus (H1N1) in Auckland and Counties Manukau District Health Boards (July 2009): a capture-recapture analysis. N Z Med J 2009; 122(1301):66-9.

Bullen C, McRobbie H, **Thornley S**, Walker N, Whittaker R. Working with what we have before getting into bed with the tobacco industry. N Z Med J 2006; 119(1240):U2139.

Peer reviewed books, book chapters, books edited

McRobbie H, **Thornley S**. Nicotine Delivery Systems for Smoking Cessation *in* Encyclopedia of Addiction. 2008.

Thornley S. Sweeteners, glycemic index, addiction and the obesity epidemic: are they linked? Book Chapter in " *Sweeteners: Uses, Dietary intake, and Health Effects*". Nova 2009.

Refereed Conference Proceedings

McRobbie H, **Thornley S**, Bullen, C, Hajek P, Laugesen M, Lin RB, Senior H, Whittaker R. The effects of three novel nicotine replacement therapies on the relief of tobacco withdrawal symptoms and user satisfaction. Society for Research on Nicotine and Tobacco 14th Annual Scientific Meeting. February 27 to March 1st 2008 Portland Oregon, USA.

Thornley S, Walker N, McRobbie H, Eyles H, Simmons G. The obesity epidemic: is glycemic index the key to unlocking a hidden addiction? Dangerous Consumptions Colloquium VI, University of Auckland. December 4-5. Auckland, New Zealand.

Thornley S. Effect of an E-Cigarette on Cravings and Withdrawal, Acceptability and Nicotine Delivery: Randomised Cross-Over Trial. 2009 Joint Conference of SRNT and SRNT-Europe April, 27-30 2009

Thornley S, Marshall R, Jackson R. Algorithms to Investigate Causal Paths to Explain the Incidence of Cardiovascular Disease. Oral presentation. AEA Scientific Meeting 2013. 20 to 24 October 2013. Brisbane, Australia.

Thornley S. Are Models Useful to Identify People for Preventive Treatment for Cardiovascular Disease? Poster presentation. AEA Scientific Meeting 2013. 20 to 24 October 2013. Brisbane, Australia.

Thornley S. Sugar addiction: evidence and relevance. Invited presentation. FIZZ Conference. 19th and 20th February 2014. Auckland, New Zealand.

Thornley S, Marshall R, Barzi F. Is publication bias present in the reported beneficial effects of statins for the primary prevention of cardiovascular disease? AEA conference 8-10 October 2014. Auckland, NZ.

Thornley S. Sugar, dental caries, and acute rheumatic fever: what is the link? FIZZ conference. Manukau Institute of Technology. October 2015.

Thornley S. Can improved diet and dental health prevent Rheumatic Fever? [Invited presentation]. University of Otago (Wellington School of Medicine) Summer School. 9 February 2016.

Thornley S, Gordon K, Shelton C. Estimating the prevalence of blindness and low vision in New Zealand using capture-recapture methods. Royal Australasian College of Ophthalmologists New Zealand Annual Branch Scientific Meeting. Dunedin. 27-28 May 2016.

Thornley S. What is the effect of a school nutrition policy on the oral health of its students? He Huliau International Indigenous Health Symposium. Hilton Hawai'iian Village, Honolulu, Hawai'i. 13-14 October, 2016.

Thornley S. Does a school nutrition policy improve the oral health of students? 10th National Oral Health Promotion Forum. New Zealand Dental Association. NZDA House, Building 1, 195 Main Highway, Ellerslie, Auckland. 12 April 2017.

Thornley S. Role of skin infections and scabies. Update on Rheumatic Fever prevention and control. 12 February 2019. University of Otago Wellington Medical School.

Thornley S. Saturated fat and heart health: a fresh look at the epidemiological evidence. Australasian Society of Lifestyle Medicine. 7 June 2019. Grand Millennium Auckland, New Zealand.

Book

Thornley S, McRobbie H. Sickly Sweet: Sugar, Refined Carbohydrate, Addiction and Global Obesity. Nova, New York, 2011.

Software

PubBias version 1.0: Contributed library for the R software package, which implements an exploratory test for publication bias in meta-analyses.

Conference presentation (not refereed)

Thornley S. An epidemiologist's take on covid-19. Plan B covid science and policy symposium. Webinar. August 17, 2020. https://www.youtube.com/watch?v=Rt5GIK-5UtU&feature=emb_title

Thornley S. Has Dietary Research Helped Us With Our Food Choices? Invited oral presentation. Low carb down under. Sat 24th November 2012. Sydney, Australia.

Thornley S. Carbohydrate addiction. Lowcarb NZ conference. Oral presentation. 21st February 2014. Auckland, New Zealand.

Thornley S. Sugar, dental caries and rheumatic fever: What is the link? Invited oral presentation. FIZZ Conference. Manukau Institute of Technology. 7 October 2015.

Thornley S. Does a school nutrition policy affect the oral health of its students? FIZZ conference. Invited oral presentation. 11 October 2016. Wellington School of Medicine, University of Otago. 22 March 2017.

Thornley S. Managing the exposure of Legionnaires' disease. Invited oral presentation. Safety 360 Conference. Ellerslie Function Centre. 21 March 2017.

Thornley S. Ask the specialist: Q & A Clinic - Common and unique occupational health risks. Panel discussion. Safety 360 Conference. Ellerslie Function Centre. 21 March 2017.

Thornley S. Lack of housing, scabies and rheumatic fever. Invited oral presentation. Tōmaiora Seminar. School of Population Health, The University of Auckland. 21 March 2017.

Thornley S. Low sugar nutrition policies and dental caries – Yendarra school study results. Invited oral presentation. 10th National Oral Health Promotion Forum. New Zealand Dental Association House, Ellerslie, Auckland. 12 April 2017.

Thornley S. Lack of housing, scabies and rheumatic fever. Invited oral presentation. Mana Kidz Nursing Training Day. Ko Awatea, Middlemore Hospital. 20 April 2017.

Thornley S. Why is sugar a problem? Invited oral presentation. Practice Nurse and General Practitioner Continuing Medical Education. Total Healthcare, Mt Eden, May 9th 2018.

Thornley S. Scabies and rheumatic fever. Manukau Institute of Technology. Pasifika

Community Centre, North Campus. Certificate in Public Health and Health Promotion. 22 June 2018.

Thornley S. Is scabies the cause of acute rheumatic fever? Appraising Rheumatic Fever & Rheumatic Heart Disease Control in New Zealand. 19 August 2019. Ko Awatea, 100 Hospital Rd, Auckland.

Successful Grant Applications

Year	Granting body, Title (role in grant)	Nature of Grant	Amount
2011– 2014	Health Research Council (Principal investigator) Cardiovascular disease risk prediction in the era of effective drug treatment.	Clinical Research Training Fellowship (ref: 11/145)	NZ\$250,000
2018	School of Population Health PBRF Teledermatology for scabies.	Seeding Grant	NZ\$10,000
2016	Health Research Council – Prevention of Childhood Obesity through Sugar Reduction (Investigator)	NZ–US Enabling Grant (ref: 17/641)	NZ\$37,181
2013	School of Population Health– Investigation of the effects of a prison smoking ban on indoor quality (Principal investigator)	Internal Research fund	NZ\$1,000
2008	National Heart Foundation (Principal Investigator)	Travel grant	NZ\$3,000

Student Supervision

Year	Institution/ Course	Students	Degree	Topic
2012	University of Auckland POPLHLTH 302 Health Services Placement	Sakshi Kalani Hale Faiumu	Bachelor of Health Sciences	Analysis of trends in Blind Foundation Membership
2013	University of Auckland POPLHLTH 302 Health Services Placement	Saphiya Zaza Lauren Whitworth	Bachelor of Health Sciences	Developing a position statement on the place of sugar in the diet of New Zealanders
2015	University of Auckland Master of Public Health thesis	Win Le Shwe Sin Ei	Master of Public Health	Is Dental Caries a Risk Factor for Acute Rheumatic Fever in New Zealand?
2015– 2019	Auckland University of Technology	Cliff Harvey	Doctor of Philosophy (co-supervisor)	Variability in responses to keto- induction and individual tolerance to low- carbohydrate diets
2020	University of Auckland BHSc (Honours thesis)	Hannah Njo	Honours thesis	Factors associated with Dental Treatment under General Anaesthesia in New Zealand children
2020–21	University of Auckland BHSc (Honours thesis)	Olivia Pearless	Honours thesis	Scabies and Common Childhood Infections in New Zealand
2020–21	University of Auckland Master of Public Health dissertation	Joanna Black	Master of Public Health	Visual Impairment and Refractive Error in Auckland Schoolchildren
2017– 2021	Auckland University of Technology	Sarah Hancock	Doctor of Philosophy (co-supervisor)	Healthy Mouth, Healthy Body; Towards Integrated Dietary Approaches