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Adjunct Professor, **James Cook University**  
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<https://research.jcu.edu.au/who-collaborating-centres/tropicalmedicine>

### Key qualifications and skills

- **A focus on using empirical data to bridge the interface between academia, implementation research and evidence based practice in epidemiology and public health;**
- Researcher/technical advisor/consultant/educator/communicator on **vector-borne disease epidemiology** and evidence-based control and elimination, especially **malaria and lymphatic filariasis**; developer of online portal for history of filariasis control and elimination in the Pacific, [www.jcu.edu.au/pacelf](http://www.jcu.edu.au/pacelf) updated Nov 2020.
- **Adjunct Professor, James Cook University**: includes graduate student supervision (Honours, MPH Dissertations, and PhD), and research on diagnostics, epidemiology, surveillance, M&E, mapping, and training in the WHO/WPRO, WHO/SEARO and Asia-Pacific regions;
- Laboratory and field skills in **parasite diagnostics** (malaria, filariasis, soil-transmitted helminths), serology and sero-epidemiology, medical entomology and malaria immunology;
- Former member of high level international policy and technical advisory committees at regional and global level including **The Global Fund to Fight AIDS, TB and Malaria Technical Review Panel, WHO Malaria Policy Advisory Committee, and WPRO NTD Program Review Group**;
- Long-term applied research, project management, and policy advisory experience in the **Pacific, Africa and Asia**, especially Papua New Guinea, Solomon Islands, Vanuatu, Myanmar, Samoa, American Samoa, Gambia, Ethiopia and Nigeria;
- **Successful short-term consultant** for the World Bank, WHO, DFAT (formerly AusAID), DFID and USAID for support to and evaluation of malaria and filariasis control programmes, especially Myanmar, Eritrea, Ethiopia, Tanzania, Viet Nam, India, Sri Lanka, Thailand, Samoa, American Samoa, Vanuatu and other Melanesian and Polynesian countries;
- Skilled in **implementation/analysis of population based surveys**, assessment and use of **routine surveillance data** with inclusion of climate and environmental data relevant to vector-borne diseases, and design of **M&E plans** for vector-borne and neglected disease control programmes;
- Excellent technical writing skills as demonstrated by **>150 peer-reviewed publications (>65 in last ten years)** plus >20 additional **book chapters, editorials, guidelines, reports, letters and edited monographs** including for WHO and US Institute of Medicine;
- Experienced author (22 reviews or updates) and editor with the Cochrane Infectious Diseases Group in **systematic reviews, meta-analysis and evidence-based evaluation** (including GRADE) of infectious disease prevention, treatment and control;
- **Teaching experience** including course design/delivery in international health and supervision of students at the graduate level in USA and Australia; short courses on data management, analysis, and use of climate data/economic evaluation in public health; development/delivery of training

materials and software manuals for public health staff in malaria- and filariasis-endemic countries.

**Nationalities:** Australia and United Kingdom, with US permanent resident status.

### **Education**

- **B.A. (Natural Sciences).**  
Newnham College, Cambridge University, United Kingdom.
- **Ph.D (Faculty of Science, Field of Study: Mosquito Genetics).**  
London School of Hygiene and Tropical Medicine, London, United Kingdom.
- **MSPH (Master of Science in Public Health)**  
University of Colorado Health Sciences Center, Denver, CO, USA.

### **Committee memberships**

- Technical Review Panel of the Global Fund to Fight AIDS, TB and Malaria (2012-2017 and 2020); focal point for malaria (2013 - 2014) and acting focal point for malaria (2017).
- Malaria Policy Advisory Committee of the WHO Global Malaria Programme (2012 - 2015).
- Technical Editor with the Cochrane Infectious Diseases Group, based at the Effective Health Care Research Consortium, Liverpool School of Tropical Medicine (since 2001).
- Global Alliance for Elimination of Lymphatic Filariasis, Representative Contact Group; representative of WHO/JCU Collaborating Centre and Western Pacific Region (2012 - 2017).
- Regional NTD Program Review Group of WHO Western Pacific Region (2011-2016).
- Technical Advisory Group of the UK DFID-supported Centre for Neglected Tropical Diseases, Liverpool School of Tropical Medicine (2012-2014).

### **In-Country work experience**

*Pacific:* Papua New Guinea (3 year resident), Solomon Islands and Vanuatu (18 months resident), New Caledonia, Fiji, Samoa, American Samoa.

*Africa:* Gambia (7 months resident), Eritrea, Tanzania, Ethiopia, Ghana, Nigeria.

*Asia:* India, Sri Lanka, Viet Nam, Thailand, Cambodia, Philippines, Myanmar, Japan.

*Other:* UK, Australia, USA.

### **Languages**

*Papua New Guinea Pidgin, Solomon Islands Pidgin and Bislama (Vanuatu):*  
formerly proficient in reading, speaking and writing.

*French:* reading: moderate; speaking and writing: basic.

### **Memberships**

Australasian College of Tropical Medicine (Fellow)  
American Society of Tropical Medicine and Hygiene  
Royal Society of Tropical Medicine and Hygiene

## Professional chronology

### **From Jul 2016: Adjunct Professor**

James Cook University, College of Public Health, Medical and Veterinary Sciences, Division of Tropical Health and Medicine, Cairns, Qld Australia. Supervise doctoral, masters and honours student projects in laboratory and field studies in global health. Support Pacific countries in filariasis surveillance and elimination. Compile PacELF online data warehouse in support of WHO/JCU Collaborating Centre for Vector-Borne and Neglected Tropical Diseases.

### **1995 to present: EpiVec Consulting**

#### **Independent Consultant in International Health and Epidemiology of Vector-Borne Diseases**

Consultant for national and international organizations and universities working on design and evaluation of effective infectious disease control programmes, including international consultancies in Africa, the Pacific and Asia. (See Pages 6-8 for list of short term consultancies).

### **From Jan 2012 to Jun 2016: Associate Professor/Principal Research Fellow (50% time)**

James Cook University, College of Public Health, Medical and Veterinary Sciences, Division of Tropical Health and Medicine, Cairns, Qld Australia; (50% time).

Director (to 2015) and then co-director, WHO/JCU Collaborating Centre for Control of Lymphatic Filariasis, Soil-transmitted Helminths and other Neglected Tropical Diseases. Managed a serology and diagnostic laboratory for NTDs. Participated in teaching in MPH&TM and supervised Honours, Masters and PhD students; support Asia-Pacific countries in filariasis and NTD surveillance and elimination.

### **Jan 2007 to Apr 2011: Epidemiologist**

Malaria Control Program, The Carter Center (Emory University), Atlanta, GA, USA. [http://www.cartercenter.org/health/malaria\\_control/index.html](http://www.cartercenter.org/health/malaria_control/index.html)

Worked mainly in Ethiopia and Nigeria to assist the national malaria control programs through integrated disease control projects (malaria, lymphatic filariasis, trachoma, and onchocerciasis).

### **From Sep 2004 to Dec 2006: Guest Researcher**

Entomology Branch, Division of Parasitic Diseases, National Center for Infectious Diseases, Centers for Disease Control and Prevention, Atlanta GA, USA.

### **Apr 2001 to Aug 2002: Visiting Assistant Professor**

### **Apr 1997 to Apr 2001: Research Assistant Professor**

Dept. of Preventive Medicine & Biometrics, University of Colorado Health Sciences Center, Denver CO, USA.

Conducted epidemiological investigations on associations between type 1 diabetes and virus infections or immunizations. Developed a new course for graduate public health students using a burden of disease approach (*Perspectives in International Health*), and taught it in 1998-1999 and 2001-2002. Supervised master's level theses for graduate students in public health. Participated in teaching of six other epidemiology or health information courses in the Master of Science in Public Health Program.

### **Feb 2000 to Jul 2001: Project Manager (Solomon Islands)**

Long-term adviser for the AusAID Pacific Regional Vector-Borne Disease Project, managed by the Secretariat of the Pacific Community, Noumea, New Caledonia.

Based initially in Solomon Islands and then in Vanuatu from June 2000 to July 2001.

Advised on planning, surveillance, information systems, diagnostic methods, clinical management and community participation for the prevention and control of malaria, dengue and filariasis in Solomon Islands, Vanuatu and Fiji. Conducted training in data management, research design and economic analysis of diagnostics; upgraded the malaria information system in EpiInfo; and prepared technical manuals for health staff, field staff and entomologists.

**1988 - 1990:**

**Senior Research Officer**

Queensland Institute of Medical Research, Brisbane, Australia.

Research on antigen identification for diagnostics/vaccines, and modelling malaria transmission.

**1983 - 1987:**

**Lecturer**

London School of Hygiene and Tropical Medicine (LSHTM), based for three years at Papua New Guinea Institute of Medical Research, Madang, Papua New Guinea and for one year at LSHTM. Research on malaria transmission and immunity; first Pacific trial of impregnated nets.

Funding received from:

Wellcome Trust Tropical Lectureship: "Immunity and Infectivity in the Human Population during Malaria Transmission";

USAID (with M. P. Alpers) "Transmission Blocking Immunity and Infectivity of Human Populations to Mosquitoes" USAID grant no PDS-5542-6-55-5079-00

WHO/TDR: "Seroepidemiological study of naturally-occurring antibodies in PNG sera to epitopes of *P.falciparum*". ref M22/181/12, project non 88083;

With J Cattani: "Small area variations in epidemiology of malaria in a coastal area of Papua New Guinea".

**1980 - 1983:**

**Postdoctoral Fellow**

Fogarty International Centre Fellowship, Laboratory of Parasitic Diseases, National Institutes of Health, Bethesda, MD, USA.

Laboratory research on gametocytes, infectivity, transmission blocking immunity and drug sensitivity in malaria.

## Peer review and grant review activities

### *Editorial boards*

Tropical Medicine and Infectious Diseases  
Cochrane Infectious Diseases Group

### *Manuscript reviewer for the following journals:*

Acta Tropica	Malaria Journal
American Journal of Epidemiology	New Microbes and New Infections
American Journal of Tropical Medicine and Hygiene	Parasite Epidemiology and Control
BMC Infectious Diseases	Parasites and Vectors
BMC Medicine	Pathogens
BMC Public Health	PLOS Clinical Trials
Bulletin of Entomological Research	PLOS Medicine
Bulletin of the World Health Organization	PLOS Neglected Tropical Diseases
Clinical Microbiology and Infection	PLOS One
Diabetes	Population Health Metrics
Diabetes Care	Singapore Journal of Tropical Geography
Diabetologia	The Cochrane Library
Expert Review of Vaccines	Transactions of the Royal Society of Tropical Medicine and Hygiene
Frontiers in Environmental Science: Environmental Informatics & Remote Sensing	Trends in Parasitology (formerly Parasitology Today)
Gates Open Research	Tropical Medicine and Infectious Disease
Geocarto International	Tropical Medicine and International Health
International Health	Tropical Medicine and Health
International Journal of Molecular Sciences	Vaccine
Lancet Infectious Diseases	

### *Grant reviewer for the following organizations:*

NIAID/National Institutes of Health, USA  
The Wellcome Trust, UK  
Medical Research Council, UK  
Centers for Disease Control and Prevention, USA  
The Global Fund to fight AIDS, TB and Malaria  
Swiss National Science Foundation  
National Health and Medical Research Council, Australia  
(Research Grants, 2014-2017; eAsia scheme grants, 2020)

## Short-term Consultancies and Technical Advisory Roles

- *Apr 2020 to Dec 2020: The Global Fund to fight AIDS, TB and Malaria, Geneva, Switzerland*  
Technical review panel (remote) and associated desk work support activities as malaria expert to review funding requests for 2021-2023 cycle. (Window 1, 13 days).
- *Nov 2019 to Jun 2020: Holistic Health Support Team/Expertise France*  
Support to the RAI Regional Steering Committee and the five Country Coordinating Mechanisms to develop the next regional malaria funding proposal (Concept Note) to the Global Fund for the period 2021-2023. Myanmar and Regional components (23 days including 15 in Myanmar/Cambodia)
- *July 2019: WHO Dept of Control of NTDs and Task Force for Global Health*  
Invited speaker and participant, Global Review of Initial Use of Triple Therapy Mass Drug Administration and Planning for Accelerated Elimination of Lymphatic Filariasis, Bangkok Thailand, July 23-25, 2019
- *May 2019: USAID/President's Malaria Initiative, Myanmar, under contract to URC, Washington DC, USA*  
Participation in Malaria Forum, Yangon, Myanmar and reporting of Malaria Burden Reduction Assessment to USAID/US Embassy, Yangon (5 days)
- *Mar 2019 to Mar 2020: Australian National University, Canberra, under contract from Task Force for Global Health, Atlanta, USA*  
Human and mosquito surveys of filariasis in Samoa; study preparation, lab support, technical advice, field training, monitored treatment study and filariasis slide reading (30 days)
- *Jul 2018 to Mar 2019: USAID/President's Malaria Initiative, Myanmar, under contract to Dexis/GHPro, Washington DC, USA*  
Myanmar Malaria Burden Reduction Assessment (52 days including 5 weeks in Myanmar)
- *Mar 2018 to Apr 2019: Australian National University, Canberra, under contract from Task Force for Global Health, Atlanta, USA*  
Human and mosquito surveys of filariasis in Samoa; study preparation and support, technical advice and filariasis slide reading (24 days).
- *Jan 2018 to Dec 2018: Research Triangle Institute International, Washington DC*  
Consultant for malaria related support to RTI's International Development Group Global Health Division: reviewing malaria proposals, data review and analysis, writing and reviewing manuscripts (40 days).
- *Nov-Dec 2017: WHO WPRO, Pago Pago, American Samoa*  
Bi-national planning meeting between American Samoa and Samoa to accelerate elimination of lymphatic filariasis. Invited observer on behalf of James Cook University WHO Collaborating Centre.
- *Apr, Jun and Sep/Oct 2017: The Global Fund to fight AIDS, TB and Malaria, Geneva, Switzerland*  
Technical review panel meeting (in person or remote) and associated desk work support activities in interim periods. Acting malaria focal point Sept/Oct 2017.
- *May 2017 to Sep 2017: Liverpool School of Tropical Medicine, Liverpool UK*  
Consultant on malaria vector control systematic reviews and updating other reviews in malaria and NTDs (11 days).
- *Sep 2016 to Apr 2017: Australian National University, under contract to Task Force for Global Health, Atlanta, USA*  
TAS strengthening study in American Samoa; technical advice, training, two field visits, and filariasis slide reading.
- *Jun 2015 to Nov 2016: University of California, San Francisco*  
Adviser, Australia Case Study for Malaria Elimination Initiative, Vector Control Research Project.  
Input into case studies and comprehensive review article on vector control for malaria elimination. (30 days).
- *Jul 2016 to Aug 2016: Liverpool School of Tropical Medicine, Liverpool UK*  
Consultant for updating of systematic reviews in malaria and vector control and advising on scope and priority of vector control reviews. (16 days).
- *Jan 2016 to Aug 2018: Research Triangle Institute International, Washington DC*  
Consultant, Inform Asia Associate Award 2 (USAID) to assess malaria surveillance and operational

research to inform malaria programming in Thailand and Lao PDR and provide technical assistance to Thailand and Lao malaria control programs (51 days).

- *Oct 2015: Nagasaki University, Japan*  
Invited speaker at Joint meeting of the 68<sup>th</sup> Southern Branch Meeting of the Japanese Society of Parasitology and the 65<sup>th</sup> Annual Japanese Society of Medical Entomology and Zoology” held on 17<sup>th</sup> and 18<sup>th</sup>, Oct. 2015. Speaker at satellite symposium “Lymphatic Filariasis Elimination End-Game in the Pacific” and participation in review meeting for the USAID/Task Force for Global Health project on ‘Completing the Endgame: achieving LF elimination in the Pacific Island Countries’.
- *Jan 2013, Apr 2013, Oct 2013, Jun 2014, Oct 2014, Mar 2015, Jun 2015: The Global Fund to fight AIDS, TB and Malaria, Geneva, Switzerland*  
Technical review panel and associated desk work support activities in interim periods. Malaria Focal Point 2013-2015.
- *Jul 2013-Dec 2015: Montrose International LLP, DFID Containment of Drug Resistant Malaria in Burma Project*  
Desk work in support of independent evaluation of the replacement of malaria monotherapy drugs.
- *Feb-Mar 2014: Liverpool School of Tropical Medicine, Liverpool UK*  
Revision of the Cochrane Review of “Primaquine and other 8-aminoquinolines for reducing *P.falciparum* transmission”
- *Jun-Sep 2013: WHO Western Pacific Regional Office, Manila, Philippines*  
Malaria Programme Program Performance Review, Vanuatu (2 weeks in country and report writing).
- *Jul 2013, 2014 and 2015: WHO, WPRO, Manila and Davao City, Philippines*  
NTD program managers and regional program review group meeting.
- *Jun 2012: The Global Fund to fight AIDS, TB and Malaria, Geneva, Switzerland*  
Technical review panel to review Transitional funding mechanism, Evian, France (14 days).
- *Apr 2012-Jun 2013: The Carter Center, Atlanta, GA, USA*  
Net durability studies in Ethiopia (desk based); data analysis and write up (30 days).
- *Mar 2012-Sep 2012: WHO Global Programme to Eliminate Lymphatic Filariasis*  
Short term contract (APW) to prepare manual on LF entomology.
- *May-Jun 2012: WHO, WPRO, Manila, Philippines*  
Regional Neglected Tropical Diseases Program Review Group meeting.
- *Mar 2012: WHO Global Programme to Eliminate Lymphatic Filariasis, Geneva, Switzerland*  
Lymphatic filariasis, malaria and integrated vector management advisory meeting in Accra, Ghana.
- *Nov 2011 - Feb 2012: Health and Climate Foundation, NY, USA*  
Advice on epidemic detection and routine surveillance in Ethiopia for contribution to PMI evaluation report. Presentation at meeting on “Use of climate information in impact assessment for malaria interventions, Addis Ababa 12-14 Dec 2011”
- *May-Jun 2011: WHO, WPRO, Nadi, Fiji*  
Lymphatic filariasis program managers and regional program review group meeting.

**(FROM 2007 TO 2011, EMPLOYED FULL TIME BY THE CARTER CENTER)**

- *Sep 2006: The Carter Center, Atlanta, GA, USA*  
Technical review of malaria situation and the control program in Ethiopia.
- *Aug-Sep 2006: WHO Western Pacific Region, Manila, Philippines (desk based work in Atlanta).* Review of malaria indicators for the 10 malaria-endemic countries of the region and suggestions for revision of the routine surveillance reporting framework.
- *May--Jun 2006: President’s Malaria Initiative in Tanzania, under contract to Research Triangle Institute International, Washington DC.* Technical assistance on malaria stratification, surveillance and epidemic prevention in Tanzania.

- *Dec 2005 –Jul 2006: Institute of Medicine, National Academy of Sciences, Medical Follow-Up Agency.* Study director and report writer/editor of program review of US Department of Defence malaria vaccine development program ('*Battling malaria*'), published July 2006.
- *Aug 2003, Oct 2004, May 2005 and Mar 2006: Pacific Programme to Eliminate Lymphatic Filariasis (PacELF),* under contract to WHO/WPRO South Pacific Regional Office, Suva, Fiji. Data analysis, preparation of publications and contributor to/editor of 'The PacELF Way', a WHO book on the Pacific Filariasis Elimination Programme published in March 2006.
- *Sep 2005 (and ongoing desk work since): Liverpool School of Tropical Medicine, Effective Health Care Assistance Programme.* Revision and updating of Cochrane reviews on malaria vaccines and cholera vaccines; editing and advising on other Cochrane reviews on vaccines, hygiene interventions, drug treatments, and prevention methods for infectious diseases.
- *Feb 2005 and Nov 2005: USAID support to Eritrea, under contract to Research Triangle Institute International, Washington DC, USA.* Analysis, presentation and discussion of results of malaria stratification and analysis of effectiveness of interventions at national workshop in Eritrea and at American Society of Tropical Medicine and Hygiene meeting in Washington DC.
- *Jan 2005: Global Fund malaria project in Viet Nam,* under contract to WHO/WPRO Regional Office, Manila, Philippines. Development of indicators and revision of monitoring and evaluation plan for malaria project funded under round 2 of the Global Fund for AIDS, TB and Malaria.
- *Mar and Jul-Aug 2004: USAID Environmental Health Project II, Eritrea,* under contract with Research Triangle Institute, NC, USA, in collaboration with the International Research Institute for Climate Prediction, Columbia University, NY, USA. Quantification and investigation of effects of control programme on malaria incidence. Geographic stratification of malaria and development of forecasting and warning systems.
- *Jul-Aug 2003: Pacific Programme to Eliminate Lymphatic Filariasis (PacELF),* under contract to WHO Regional Office, Suva, Fiji. Development of a monitoring and evaluation plan for PacELF and advice on plan implementation. Preparation of PacELF manuals to guide country level programmes in laboratory methods, surveillance and confirmation of filariasis elimination.
- *Jan, Feb, May-Jun, Oct and Dec 2003: USAID Environmental Health Project II, Eritrea,* under contract with Research Triangle Institute, NC, USA. Support for malaria surveillance, epidemic preparedness and malaria control. Development of epidemic preparedness manual.
- *Feb 2003-Feb 2004: Institute of Medicine, National Academy of Sciences.* Contributor and presenter on 'Diagnostic testing in malaria treatment strategies' to the IOM study meeting on 'Economics of Antimalarial Drugs', The Royal Society, London, UK; March 2003. Consultant for the study "Saving Lives, Buying Time. Economics of Malaria Drugs in an Age of Resistance" 2004.
- *Sep - Oct 2002: World Bank HIV/AIDS, Malaria, STI and TB Control Project (HAMSET), Eritrea,* under contract with SMEC Services Pty Ltd, Australia. Report on malaria emergency preparedness and forecasting, including review of malaria control programme and recommendations on improvements in surveillance and malaria database systems.
- *Oct - Nov 2001: World Bank Enhanced Malaria Control Project, India.* Mid-term review, focussing on appraisal of malaria situation in India as a whole and in the project provinces, surveillance mechanisms, control methods, reduction of insecticide use and information system improvements.
- *Sep 1998 to Sept 1999 (three missions): World Bank Health Sector Development Project, Solomon Islands.* Technical review of malaria control program, project development, project review, and investigations of the effectiveness of past control measures.
- *Jun 1998: AusAID Vietnam-Australia Malaria Control Project, Vietnam.* Mid-term review focussing on diagnostics, drug treatment, surveillance and information systems.
- *Oct - Nov 1996: World Bank Provincial Health Project, Papua New Guinea.* Project identification and development mission, focussing on women and infectious diseases.
- *June - Jul 1995: World Bank Health and Family Planning Project, Sri Lanka.* Technical review of malaria component.



## BIBLIOGRAPHY - PATRICIA M GRAVES

JCU Research Profile: <https://research.jcu.edu.au/portfolio/patricia.graves/>

ResearchGate [https://www.researchgate.net/profile/Patricia\\_Graves](https://www.researchgate.net/profile/Patricia_Graves)

Google Scholar: [https://scholar.google.com/citations?hl=en&user=gaoYRY4AAAAJ&view\\_op=list\\_works&authuser=2](https://scholar.google.com/citations?hl=en&user=gaoYRY4AAAAJ&view_op=list_works&authuser=2)

ORCID <https://orcid.org/0000-0002-5215-3901>

Scopus <https://www.scopus.com/authid/detail.uri?authorId=7103177508>

Researcher ID: <https://publons.com/researcher/2498315/patricia-m-graves/>

### Publications in peer-reviewed journals (last 10 years)

#### Under review

1. Dickson BFR, **Graves PM**, Ni Ni Aye, Thet Wai Nwe, Tint Wai, San San Win, Myint Shwe, Douglass J, Wood P, Wangdi K, McBride WJ. 2020. Risk factors for lymphatic filariasis and mass drug administration non-participation in Mandalay Region, Myanmar. *Parasites and Vectors* (under review). <https://www.researchsquare.com/article/rs-59699/v2> 18 Aug 2020
2. Wangdi K, Sheel M, Fuimaono S, **Graves PM**, Lau CL. Lymphatic filariasis in 2016 in American Samoa: Identifying clustering and hotspots using non-spatial and three spatial analytical methods. *Epidemics* (under review).
3. McLure A, **Graves PM**, Lau C, and Glass K. Modelling the impact of two- and three-drug mass drug administration on the elimination of lymphatic filariasis transmission in American Samoa. *Epidemics* (under review)

#### In press

4. Hedtke SM, Zendejas PA, **Graves PM**, Sheridan S, Sheel M, Fuimaono S, Lau CL, Grant WN (2020). Genetic epidemiology of lymphatic filariasis in American Samoa after mass drug administration. *International J Parasitol* (in press).
5. Lau CL, Meder K, Mayfield HJ, Kearns T, McPherson B, Naseri T, Thomsen R, Hedtke SM, Sheridan S, Gass K, **Graves P** (2020). Lymphatic Filariasis Epidemiology in Samoa in 2018: Geographic Clustering and Higher Antigen Prevalence in Older Age Groups. *PLoS NTDs*. (in press) <https://www.medrxiv.org/content/10.1101/2020.04.07.20056549v1> Apr 11, 2020.
6. Mayfield H, Sturrock H, Arnold BF, Pacheco R, Kearns T, **Graves P**, Naseri T, Thomsen R, Gass K, Lau CL. (2020). Lymphatic filariasis elimination in Samoa: Predicting locations of residual infection using geostatistics and machine learning. *Scientific Reports* (in press).
7. Willis GA, Mayfield H, Kearns T, Naseri T, Thomsen R, Gass K, Sheridan S, **Graves PM**, Lau CL (2020). An assessment of coverage and adverse events following country-wide triple-therapy mass drug administration for lymphatic filariasis elimination, Samoa 2018. *PLoS NTDs* (in press). <https://www.medrxiv.org/content/10.1101/2020.08.10.20171298v1> 13 Aug 2020.

#### 2020

8. Milligan R, Daher A, Villanueva G, Bergman H, **Graves PM** (2020). Primaquine alternative dosing schedules for preventing malaria relapse in people with Plasmodium vivax. *Cochrane Database of Systematic Reviews* 2020 Issue 8. Art. No.: CD012656. DOI: 10.1002/14651858.CD012656.pub3
9. Manolas R, Kama M, Rainama-Qaniuci M, Bechu VD, Tuiubeqa S, Winston MV, Ram N, Naqio F, Ichimori K, Capuano C, Ozaki M, Kim SH,, Aratchige P, Sahukhan A, **Graves PM** (2020). Lymphatic Filariasis in Fiji: progress towards elimination, 1997-2007. *Trop Med Health* 48(1), 88
10. **Graves PM**, Sheridan S, Fuimaono S, Lau CL (2020). Demographic, socioeconomic and disease knowledge factors, but not population mobility, associated with lymphatic filariasis infection in adult workers in American Samoa in 2014. *Parasites and Vectors*. 37:125 <https://parasitesandvectors.biomedcentral.com/articles/10.1186/s13071-020-3996-4>
11. Hedtke SM, Kuesel AC, Crawford KE, **Graves PM**, Boussinesq M, Lau CL, Boakye DA, Grant WN (2020). Genomic Epidemiology in Filarial Nematodes: Transforming the Basis for Elimination Program Decisions. *Frontiers in Genetics, section Evolutionary and Genomic Microbiology*, 09 January 2020 <https://doi.org/10.3389/fgene.2019.01282>

## 2019

12. Ah Leong-Lui TA, **Graves P**, Naseri T (2019). Burden of hydrocoele assessed from medical and surgical records in a lymphatic filariasis endemic country, Samoa. *Trop Med Health*. 47:51
13. Milligan R, Daher A, **Graves PM** (2019). Primaquine at alternative dosing schedules for preventing relapse in people with *Plasmodium vivax* malaria. *Cochrane Database of Systematic Reviews* 2019, Issue 7. Art. No.: CD012656 <https://doi.org/10.1002/14651858.CD012656.pub2>
14. Joseph H, Sullivan S, Wood P, Melrose W, Taleo F, **Graves P** (2019). Investigation of mixture modelling algorithms as a tool for determining statistical likelihood of serological exposure to filariasis utilizing historical data from the lymphatic filariasis surveillance program in Vanuatu. *Tropical Medicine and Infectious Disease* 4(1): 45 <https://doi.org/10.3390/tropicalmed4010045>
15. Douglass J, Dykes L, Kelly-Hope L, Gordon S, Leggat, P, Aye NN, Win SS, Wai T, Win YY, Nwe TW, **Graves P** (2019). Preventive chemotherapy reverses covert, lymphatic associated tissue change in young people with lymphatic filariasis in Myanmar. *Trop Med Int Health* 24(4), 463-476 <https://doi.org/10.1111/tmi.13212>
16. Xu Z, **Graves PM**, Lau C, Clements A, Geard A, Glass K (2019). GEOFIL: A Spatially-Explicit Agent-Based Modelling Framework for Predicting the Long-term Transmission Dynamics of Lymphatic Filariasis in American Samoa. *Epidemics* 27: 19-27 <https://doi.org/10.1016/j.epidem.2018.12.003>
17. Carlingford CN, Melrose W, Mokoia G, **Graves P**, Ichimori K, Capuano C, Kim SH, Aratchige P, Nosa M (2019). Elimination of lymphatic filariasis as a public health problem in Niue under PacELF, 1999-2016. *Trop Med Health* 47:20 <https://doi.org/10.1186/s41182-019-0141-1>

## 2018

18. **Graves PM**, Choi L, Gelband H, Garner P (2018). Primaquine or other 8-aminoquinolines for reducing *Plasmodium falciparum* transmission. *Cochrane Database of Systematic Reviews*. <https://doi.org/10.1002/14651858.CD008152.pub5>
19. Williams, YA, Tusting LS, Hocini S, **Graves PM**, Killeen GF, Kleinschmidt I, Okumu FA, Feachem RGA, Tatarsky A, Gosling RD (2018). Expanding the vector control toolbox for malaria elimination: a systematic review of the evidence. *Advances in Parasitology*. 99: Chap 6, 345-379 <https://doi.org/10.1016/bs.apar.2018.01.003>
20. Xu Z, Lau C, Zhou X, Fuimaono S, Soares Magalhães RJ, **Graves PM** (2018). The extensive networks of frequent population mobility in the Samoan Islands and their implications for infectious disease transmission. *Scientific Reports*. 8:10136 DOI:10.1038/s41598-018-28081-x
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