

**ANNE EILEEN McCARTHY**  
**BMedSc, MD, MSc, FRCPC, DTM&H**

**ADDRESS:** Ottawa Hospital - Civic Campus Phone: (613) 798-5555 ext. 19388  
1053 Carling Ave. Fax: (613) 761-5260  
CPC Building, Box 223 E-mail: amccarthy@toh.ca  
Ottawa, Ontario  
K1Y 4E9

**CURRENT POSITION**

- Director, Global Health Program of the Faculty of Medicine at the University of Ottawa- October 2018-March 2019
- Director, Tropical Medicine & International Health Clinic, Division of Infectious Diseases
- Professor of Medicine, University of Ottawa, Faculty of Medicine
- UGME Lead for Global Health, Faculty of Medicine University of Ottawa
- Editorial Board Member Journal of Travel Medicine
- Editorial Board Member Travel Medicine and Infectious Diseases Journal

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**EDUCATION:**

2004 MSc in Epidemiology: Principles and Practice, University of London, UK.  
1993 DTM&H, London School of Hygiene and Tropical Medicine, UK (Silver Medalist)  
1991 – 93 Infectious Diseases Fellowship, University of Ottawa. Ottawa, Canada.  
1988 – 91 Internal Medicine Residency, University of Ottawa. Ottawa, Canada.  
1985 – 86 Internship, York Finch General Hospital. Downsview, Canada.  
1985 MD, Memorial University of Newfoundland, Canada.  
1983 BMedSc, Memorial University of Newfoundland, Canada

**PROFESSIONAL DEVELOPMENT SPECIALTY COURSES:**

2018 7<sup>th</sup> Asian Clinical Tropical Medicine Course. Bangkok, Thailand  
2016 6<sup>th</sup> Asian Clinical Tropical Medicine Course. Bangkok, Thailand  
2014 5<sup>th</sup> Asian Clinical Tropical Medicine Course. Bangkok, Thailand  
2013 Canadian Leadership Institute for Medical Education (CLIME)  
2012 4<sup>th</sup> Asian Clinical Tropical Medicine Course, Bangkok Thailand  
2010 Health Education Scholars Program – Academy for Innovation in Medical Education, University of Ottawa  
2009 3<sup>rd</sup> Asian Clinical Tropical Medicine Course. Bangkok, Thailand  
2008 Gorgas Expert Course in Clinical Tropical Medicine, Lima, Peru  
2006 2<sup>nd</sup> Asian Clinical Tropical Medicine Course. Bangkok, Thailand  
2005 Gorgas Expert Course in Clinical Tropical Medicine, Lima, Peru  
2002 1<sup>st</sup> Asian Clinical Tropical Medicine Course. Bangkok, Thailand.  
2002 Ottawa Academic Health Sciences Leadership Program. Ottawa, Canada.  
2001 Gorgas Expert Course in Clinical Tropical Medicine. Lima, Peru.  
1996 Field Epidemiology Course, Health Canada's Laboratory Centre for Disease Control. Ottawa, Canada.

**AWARDS & HONOURS:**

2016 Department of Medicine Research Award

- 2011-2016 Medical Education Research Career Award, Department of Medicine, University of Ottawa
- 2013 Dr. John Embil Mentorship Award in Infectious Diseases – Canadian Foundation for Infectious Diseases
- 2013 Canadian Association for Medical Education – Certificate of Merit Award for recognition of my contribution to medical education within the University of Ottawa
- 2010 Honor Award, for the development of worldwide network of tropical/travel medicine clinics that has excelled in detecting and communicating trends in travel related morbidity  
National Center for Emerging and Zoonotic Infectious Diseases
- 2008-2011 Medical Education Research Career Award, Department of Medicine, University of Ottawa
- 2007 Editorial Award, Canadian Journal of Infection Control Journal
- 2009 Honor Award, for exemplary partnership in clinical and epidemiologic monitoring of illness elated to international travel  
National Center for Preparedness, Detection, and Control of Infectious Disease
- 1993 Silver Medal, Short Course Clinical Tropical Medicine (DTM&H),  
London School of Hygiene & Tropical Medicine, London, UK

**PROFESSIONAL CERTIFICATIONS:**

- 2016 Fellow of the International Society of Travel Medicine
- 2004 CTropMed® - Certificate of Knowledge in Clinical Tropical Medicine and Travelers' Health,  
American Society of Tropical Medicine and Hygiene
- 2003 Certificate in Travel Health®, International Society of Travel Medicine
- 1994 Certificate of Special Competence in Infectious Diseases,  
Royal College of Physicians and Surgeons of Canada
- 1994 American Board in Infectious Diseases, American College of Physicians
- 1993 Diploma Tropical Medicine and Hygiene (DTM&H),  
Royal College of Physician of London, United Kingdom
- 1992 Royal College of Canada Fellowship in Internal Medicine
- 1991 American Board of Internal Medicine,  
American College of Physicians

**EMPLOYMENT**

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**CURRENT:**

**EDUCATION**

2015 – Present Leader, Global Health, Faculty of Medicine, University of Ottawa

**CLINICAL**

- 1999 – Present United Nations Examining Physician
- 1997 – Present Director, Tropical Medicine and International Health Clinic
- 1997 – Present Infectious Diseases Clinician, Ottawa Hospital, Ottawa, Canada

**RESEARCH**

2008 – Present -Clinical Scientist, Elizabeth Bruyere Research Institute, Ottawa, Canada

2003 – Present - Clinical Investigator, Clinical Epidemiology Program, Ottawa Hospital, Ottawa, Canada  
2001 – Present National Coordinator, Canadian Malaria Network

## **PREVIOUS:**

### **EDUCATION**

2009 – 2014 Director, Office of Global Health, Faculty of Medicine, University of Ottawa  
2004 – 2009 Director, Adult Infectious Diseases Training Program, University of Ottawa

### **CLINICAL**

2006 – 2008 Tropical Medicine Consultant to the 2008 Canadian Olympic Team (China 2008)  
1996 – 2001 Senior Clinical Tropical Medicine Advisor, Office of Special Health Initiatives, Quarantine Health Services, Health Canada. Ottawa, Canada.  
1997 – 2002 Communicable Disease Control, Directorate of Medical Policy, Department of National Defence. Ottawa, Canada.  
1995 – 1997 Locums, Infectious Diseases Consultant  
Ottawa General Hospital and the Children’s Hospital of Eastern Ontario. Ottawa, Canada.  
1994 – 1999 Internal Medicine and Infectious Diseases Staff Physician  
National Defence Medical Centre. Ottawa, Canada.  
1994 – 1998 Chair, Infection Control Canadian Forces Healthcare Centre. Ottawa, Canada.  
Aug-Nov 1996 Internal Medicine and Tropical Medicine Specialist  
Medical Task Force United States Support Group Haiti. Port au Prince, Haiti.  
Mar-Apr 1995 Clinician in Tropical Medicine United Nations Hospital. Kigali, Rwanda.  
1986 – 1988 General Duty Medical Officer, Canadian Forces Base. Summerside, PEI, Canada.  
(Included Medevacs/Mercy flights of critically ill patients)

## **UNIVERSITY APPOINTMENTS**

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2011 – Present Professor of Medicine, Division of Infectious Diseases, Department of Medicine  
Faculty of Medicine, University of Ottawa. Ottawa, Canada  
2004 – 2011 Associate Professor of Medicine, Division of Infectious Diseases, Department of  
Medicine  
Faculty of Medicine, University of Ottawa. Ottawa, Canada.  
1995 – 2004 Assistant Professor of Medicine, Division of Infectious Diseases, Department of  
Medicine Faculty of Medicine, University of Ottawa. Ottawa, Canada.  
1993 – 1995 Voluntary Part Time, Division of Infectious Diseases, Department of Medicine  
Faculty of Medicine, University of Ottawa. Ottawa, Canada

## **INVITED PROFESSIONAL CONSULTATION/ADVISORY BOARDS**

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### **NATIONAL**

2018 Faculty Appointment Advisory Committee, University of Ottawa  
1996 - Present Committee to Advise on Tropical Medicine and Travel (CATMAT)  
2012- Present Chair, CATMAT  
2002 – 2012 Chair Malaria Subcommittee; Executive Committee and Member:  
1997-2002 Liaison Member for Department of National Defence

1996-1997 Executive Secretary  
2007 - 2012 Member/Consultant. Canadian Immigrant and Refugee Consensus Guidelines Group

## INTERNATIONAL

2018 International Scientific Advisory Board Member, ICTMM2020  
2013 Medicines for Malaria Venture: Experts Group Meeting on delayed anaemia following treatment with injectable artesunate.

## JOURNAL EDITORIAL BOARD

2016 - present Travel Medicine and Infectious Disease editorial board  
2018-present Journal of Travel Medicine

## WORLD HEALTH ORGANIZATION (WHO)

2017 Continuation of membership in WHO Malaria Chemotherapy Technical Expert Group (TEG) (contributing member since 2004)  
2014 World Health Organization, Technical Expert Group (TEG) on Malaria Chemotherapy. WHO/HQ, Geneva  
2013 World Health Organization, Technical Expert Group (TEG) on Preventive Chemotherapy in Children. WHO/HQ, Geneva, D46025  
2011 World Health Organization, Technical Expert Group (TEG) on Preventive Chemotherapy in Children. WHO/HQ, Geneva, D46025  
2009 World Health Organization, Technical Expert Group (TEG) on Preventative Chemotherapy in Infants. WHO/HQ, Geneva, D46025  
2008 World Health Organization, Technical Expert Group (TEG) on Malaria Chemotherapy: Technical Consultation on the Guidelines for the Treatment of Malaria, WHO/HQ, Geneva, D46025  
2007 Technical Expert Group (TEG) Meeting: Technical Consultation on Intermittent Preventive Treatment in Infancy, WHO/HQ, Geneva, D46025  
2006 World Health Organization, Technical Consultant Expert Panel to review evidence on intermittent preventive therapy in infants (Initial consultation and recommendations)  
2004 - 2005 World Health Organization, Technical expert group for development of Malaria Treatment Guidelines.  
November 2000 World Health Organization's Roll Back Malaria Program, Invited Participant/Consultant. "*Informal Consultation on the Use of Antimalarial Drugs*" Geneva, Switzerland.

## CENTER FOR DISEASE CONTROL AND PREVENTION (US-CDC)

2007 Strategies for Education, Networking & Growth in Travellers' Health, Travellers' Health Team, Division of Global Migration and Quarantine Centres for Disease Control and Prevention (CDC), Pine Mountain, Georgia  
January 2003 CDC Expert Meeting on Malaria Chemoprophylaxis Recommendations. Atlanta, Georgia, USA.

1997 - 1999 Health Information for International Travel Working Group, Division of Quarantine, National Centre for Infectious Diseases, Centre for Disease Control and Prevention (CDC). Atlanta, USA.

US MILITARY

1998 - 2008 US Interagency Meeting on Malaria Prophylaxis. Washington, USA. Participant/ Consultant.

SHORELAND INCORPORATED

2001 - Present - Medical Advisory Board Member, Shoreland, Inc. (Travel Medicine) Milwaukee, USA

**PUBLICATIONS (last 7 years)**

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(\* indicates senior author)

**PAPERS:**

1. A randomized, double-blind, window of opportunity trial evaluating the effects of chloroquine in breast cancer patients. Arnaout A, Robertson SJ, Pond GR, Lee H, Jeong A, Ianni L, Kroeger L, Hilton J, Coupland S, Gottlieb C, Hurley B, McCarthy A, Clemons M. *Breast Cancer Res Treat.* 2019 Aug 7. doi: 10.1007/s10549-019-05381-y. [Epub ahead of print] PMID: 31392517
2. Effectiveness of Influenza Vaccination on Hospitalizations and Risk Factors for Severe Outcomes in Hospitalized Patients With COPD. Sunita Mulpuru MD a, Li Li MSc b, Lingyun Ye MSc b, Todd Hatchette MD b, Melissa K. Andrew MD, PhD b, Ardith Ambrose RN b, Guy Boivin MD c, William Bowie MD d, Ayman Chit MBIotech e, f, Gael Dos Santos PhD g, May ElSherif MD b, Karen Green MSc h, Francois Haguinet MSc i, Scott A. Halperin MD b, Barbara Iburguchi MSc j, Jennie Johnstone MD k, Kevin Katz MD m, Joanne M. Langley MD b, Jason LeBlanc PhD b, Mark Loeb MD l, Donna MacKinnon-Cameron MMath b, Anne McCarthy MD. *Chest* Volume 155, Issue 1, January 2019, Pages 69-78
3. *Area of exposure and treatment challenges of malaria in Eritrean migrants: a GeoSentinel analysis.* Patricia Schlagenhauf, Martin P. Grobusch, Davidson H. Hamer, Hilmir Asgeirsson, Mogens Jensenius, Gilles Eperon, Camilla Rothe, Egon Isenring, Jan Fehr, Eli Schwartz, Emmanuel Bottieau, Elizabeth D. Barnett, Anne McCarthy, et Al. *Malaria Journal* 2018 17:443Published on: 29 November 2018
4. *Recommendations for the screening of paediatric latent tuberculosis infection in indigenous communities: a systematic review of screening strategies among high-risk groups in low-incidence countries.* Lena Faust MSc, **Anne E. McCarthy, MD, MSc, DTMH**, Yoko Schreiber, MD, FRCPC. *BMC Public Health* (2018) 18:979, <https://doi.org/10.1186/s12889-018-5886-7>
5. *The changing landscape of travel health services in Canada.* Yen-Giang Bui, MD, DTMH Susan M Kuhn, MD, MSc, DTMH, FRCPC Mariama Sow, MSc **Anne E McCarthy, MD, MSc, DTMH** Jennifer Geduld, MHSc François Milord, MD, MSc, FRCP. *Journal of Travel Medicine*, Volume 25, Issue 1, 1 May 2018.

6. *Recommendations on the Prevention and Treatment of Zika Virus for Canadian health care professionals: An Advisory Committee Statement (ACS)*, Committee to Advise on Tropical Medicine and Travel (CATMAT)- This statement was developed by the Zika Working Group: Libman, M (chair), Boggild A, Bui Y, Brophy J, Drebot M, Geduld J, **McCarthy A**, et Al. and approved by CATMAT.<http://healthy Canadians.gc.ca/publications/diseases-conditions-maladies-affections/committee-statement-treatment-prevention-zika-declaration-comite-traitement-prevention/index-eng.php>- Feb. 2018
7. *Resource Utilization and Cost of Influenza Requiring Hospitalization in Canadian Adults: A Study from the Serious Outcomes Surveillance Network of the Canadian Immunization Research Network*. Study HO-14-15040, Ng C, Ye L, Noorduyn S, Hux M, Thommes E, Goeree R, Ambrose A, Andrew MK, Hatchette T, Boivin G, Bowie W, ElSherif M, Green K, Johnstone J, Katz K, Leblanc J, Loeb M, MacKinnon-Cameron D, **McCarthy A**, et Al; on behalf of the Serious Outcomes Surveillance Network of the Canadian Immunization Research Network (CIRN) Investigators and the Toronto Invasive Bacterial Diseases Network (TIBDN) Investigators. *Influenza Other Respir Viruses*. 2018 Mar;12(2):232-240. doi: 10.1111/irv.12521. Epub 2018 Jan 24.
8. *Business Travel-associated Illness: A GeoSentinel Analysis*. Chen, L., Leder, K., Barbe, K., **McCarthy, A.**, et al. *The British Medical Journal. Journal of Travel Medicine*, 2018, 1–10 doi: 10.1093/jtm/tax097 Original Article
9. *Influenza vaccine effectiveness against influenza-related hospitalization during a season with mixed outbreaks of four influenza viruses: a test-negative case-control study in adults in Canada*. Andrew MK, Shinde V, Hatchette T, Ambrose A, Boivin G, Bowie W, Chit A, Dos Santos G, ElSherif M, Green K, Haguinet F, Halperin SA, Iburguchi B, Johnstone J, Katz K, Langley JM, LeBlanc J, Loeb M, MacKinnon Cameron D, **McCarthy A**, ET al. *BMC Infect Dis*. 2017 Dec 29;17(1):805. doi: 10.1186/s12879-017-2905-8.
10. *Zika beyond the Americas: Travelers as sentinels of Zika virus transmission. A GeoSentinel analysis, 2012 to 2016*. Leder K, Grobusch MP, Gautret P, Chen LH, Kuhn S , Lim PL, Yates J, **McCarthy AE**, et Al; GeoSentinel Surveillance Network. *PLoS One*. 2017 Oct 3;12(10):e0185689. doi: 10.1371/journal.pone.0185689. eCollection 2017. October 2017
11. *The Importance of Frailty in the Assessment of Influenza Vaccine Effectiveness Against Influenza-Related Hospitalization in Elderly People*. Andrew MK, Shinde V, Ye L, Hatchette T, Haguinet F, Dos Santos G, McElhaney JE, Ambrose A, Boivin G, Bowie W, Chit A, ElSherif M, Green K, Halperin S, Iburguchi B, Johnstone J, Katz K, Langley J, Leblanc J, Loeb M, MacKinnon-Cameron D, **McCarthy A**, et Al; Serious Outcomes Surveillance Network of the Public Health Agency of Canada/Canadian Institutes of Health Research Influenza Research Network (PCIRN) and the Toronto Invasive Bacterial Diseases Network (TIBDN). *J Infect Dis*. 2017 Aug 15;216(4):405-414. doi: 10.1093/infdis/jix282.
12. *Burden of vaccine-preventable pneumococcal disease in hospitalized adults: A Canadian Immunization Research Network (CIRN) Serious Outcomes Surveillance (SOS) network study*. LeBlanc, J.J., ElSherif, M., Ye, L., ...**McCarthy, A.**, et al. *Vaccine*. June 2017; Vol 35 (29): p 3647–3654. <https://doi.org/10.1016/j.vaccine.2017.05.049>
13. *How a needs assessment study taught us a lesson about the ethics of educational research*. Lara Varpio & **Anne McCarthy**. *Perspectives on Medical Education*. May 30 2017; DOI 10.1007/s40037-017-0356-y
14. *Clostridium difficile infection in returning travellers*. Michal Stevens A, Esposito DH, Stoney RJ, Hamer DH, Flores Figueroa J, Bottieau E, Connor BA, Gkrania Klotsas E, Goorhuis A, Hynes NA, Libman M, Lopez Velez R, **McCarthy AE** et Al . *J Travel Med*. 2017 May 1;24(3). doi: 10.1093/jtm/taw099.

15. *Response to "Selection Bias"*. Boggild AK, Libman M, Yansouni CP, Freedman DO, Kuhn S, Plourde P, Mirzanejad Y, Hajek J, Chakrabarti S, Geduld J, McCarthy AE, ET. al. *CMAJ*. 2017 May 8;189(18):E674. doi: 10.1503/cmaj.732964.
16. *Surveillance report of Zika virus among Canadian travellers returning from the Americas*. Andrea K. Boggild MD, Jennifer Geduld MHSc, Michael Libman MDCM, Cedric P. Yansouni MD, **Anne E. McCarthy MD**, Jan Hajek MD, Wayne Ghesquiere MD, Yazdan Mirzanejad MD, Jean Vincelette MD, Susan Kuhn MD, Pierre J. Plourde MD, Sumontra Chakrabarti MD, David O. Freedman MD, Kevin C. Kain M. *CMAJ*. March 2017;189:E334-40. doi: 10.1503/cmaj.161241
17. *Underestimate of annual malaria imports to Canada*. Andrea Boggild, **Anne McCarthy**, Michael Libman, David Freedman, Kevin Kain. *The Lancet Infectious Diseases*. February 2017; 17(2): 141-142 [http://dx.doi.org/10.1016/S1473-3099\(17\)30010-5](http://dx.doi.org/10.1016/S1473-3099(17)30010-5).
18. *Chikungunya in travellers returning to Canada: Surveillance report from CanTravNet surveillance data, 2006 to 2015*. Andrea K. Boggild, Jennifer Geduld, Michael Libman, Cedric P. Yansouni, **Anne E. McCarthy**, Jan Hajek, Wayne Ghesquiere, Jean Vincelette, Susan Kuhn, Pierre J. Plourde, David O. Freedman, Kevin C. Kain. *The Canadian journal of infectious diseases & medical microbiology*. July 2016; 1(3):109-114.
19. *Malaria in travellers returning or migrating to Canada: surveillance report from CanTravNet surveillance data, 2004–2014*. Andrea K. Boggild, Jennifer Geduld, Michael Libman, Cedric P. Yansouni, **Anne E. McCarthy**, Jan Hajek, Wayne Ghesquiere, Jean Vincelette, Susan Kuhn, David O. Freedman, Kevin C. Kain. *CMAJ Open*. July 2016; (4):E352-E358. doi:10.9778/cmajo.20150115.
20. *Introducing Global Health into the Undergraduate Medical School Curriculum Using an E-Learning program: a mixed method pilot study*. Gruner D, Pottie K, Archibald D, Allison J, Sabourin V, Belcaid I, **McCarthy A**, Brindamour M, Augustincic Polec L, Duke P. *BMC Med Educ*. Sept 2015; 15(1):142. doi 10.1186/s12909-015-0421-3.
21. *Successful methodology for large-scale surveillance of severe events following influenza vaccination in Canada, 2011 and 2012*. Bettinger J.A., Rouleau I., Garipey M.C., Bowie W.R., Valiquette L., Vanderkooi O.G., Kellner J.D., Coleman B.L., McNeil S.A., **McCarthy A.E**, De Serres G.; Public Health Agency of Canada/Canadian Institutes for Health Research Influenza Research Network. *Euro Surveill*. July 23 2015; 20(29):pii=21189.
22. *Differential diagnosis of illness in travelers arriving from Sierra Leone, Liberia, or Guinea: a cross-sectional study from the GeoSentinel Surveillance Network*. Boggild AK, Esposito DH, Kozarsky PE, Ansdell V, Beeching NJ, Campion D, Castelli F, Caumes E, Chappuis F, Cramer JP, Gkrania-Klotsas E, Grobusch MP, Hagmann SH, Hynes NA, Lim PL, López-Vélez R, Malvy DJ, Mendelson M, Parola P, Sotir MJ, Wu HM, Hamer DH; **GeoSentinel Surveillance Network**. *Ann Intern Med*. June 2015; 162(11):757-64. doi: 10.7326/M15-0074.
23. *Distributed Learning or Medical Tourism? A Canadian Residency Program's Experience in Global Health*. Kelly K, **McCarthy A**, McLean L. *J Surg Educ*. April 2015. pii: S1931-7204(15)00010-0. doi: 10.1016/j.jsurg.2015.01.004.
24. *Severe malaria in Canada, 2001–2013*. **Anne E. McCarthy**, Chardé Morgan, Chatura Prematunge and Jennifer Geduld. *Malar J*. 2015; 14:151. Published online 2015 Apr 11. doi: 10.1186/s12936-015-0638-y
25. *A new approach to improving healthcare personnel influenza immunization programs: a randomized controlled trial*. Chambers LW, Crowe L, Lam PP, MacDougall D, McNeil S, Roth V, Suh K, Dalzell C, Baker D, Ramsay H, DeCoutere S, Hall HL, **McCarthy AE**. *PLoS One*. 2015 Mar 17;10(3):e0118368. doi: 10.1371/journal.pone.0118368. eCollection Mar 17 2015.

26. *Dermatoses among returned Canadian travellers and immigrants: surveillance report based on CanTravNet data, 2009-2012.* Stevens MS, Geduld J, Libman M, Ward BJ, **McCarthy AE**, Vincelette J, Ghesquiere W, Hajek J, Kuhn S, Freedman DO, Kain KC, Boggild AK. *CMAJ Open.* 2015 JAN 13;3(1):E119-26 doi: 10.9778/cmajo.20140082. eCollection Jan 13 2015.
27. *Faculty experiences of a global health partnership for postgraduate training in anaesthesia: a qualitative study.* Bould M, Clarkin C, Boet Sylvain, Pigford AA, Ismailova F, Measures E, **McCarthy A**, Kinnear J. *Can J Anaesth.* 2015 JAN ;62(1):11-21. Epub 2014 Nov 1.
28. *Qualitative Motivators and Barriers to Pandemic vs. Seasonal Influenza Vaccination among Healthcare Workers: A Content Analysis.* Prematunge, C., Corace, K., **McCarthy, A.**, Nair, R., Roth V., Suh, K., & Garber, G. *Vaccine.* 2014 Oct 28;32(52):7128-7134. doi: 10.1016/j.vaccine.2014.10.023.
29. *The ethics and safety of medical student global health electives.* Evelyn M. Dell, MPH<sup>1</sup>, Lara Varpio, PhD<sup>2</sup>, Andrew Petrosniak, MD<sup>3</sup>, Amy Gajaria, MD<sup>4</sup>, **Anne McCarthy\*** MD, MSc, FRCPC, DTM&H<sup>1</sup>. *Int J Med Educ.* 2014; 5:63-72. DOI: 10.5116/ijme.5334.8051.
30. *Interim estimates of 2013/14 influenza clinical severity and vaccine effectiveness in the prevention of laboratory-confirmed influenza-related hospitalizations, Canada, February 2014.* McNeil S<sup>1</sup>, Shinde V, Andrew M, Hachette T, Leblanc J, Ambrose A, Boivin G, Bowie W, Diaz-Mitoma F, Elsherif M, Green K, Haguinet F, Halperin S, Ibarguchi B, Katz K, Langley J, Lagace-Wiens P, Light B, Loeb M, McElhaney J, Mackinnon-Cameron D, **McCarthy A**, et AL; Public Health Agency of Canada/Canadian Institutes of Health Research Influenza Research Network (PCIRN) Serious Outcomes Surveillance Network; Toronto Invasive Bacterial Diseases Network (TIBDN). *Euro Surveill.* 2014 Mar 6; 19(9). Pii: 20729.
31. *Illness in travelers returned from Brazil: the GeoSentinel experience and implications for the 2014 FIFA World Cup and the 2016 Summer Olympics.* Wilson ME, Chen LH, Han PV, Keystone JS, Cramer JP, Segurado A, Hale D, Jensenius M, Schwartz E, von Sonnenburg F, Leder K; **GeoSentinel Surveillance Network.** *Clin Infect Dis.* 2014 May;58(10):1347-56. doi: 10.1093/cid/ciu122. Epub Feb 28 2014.
32. *Travel-acquired Infections and Illnesses in Canadians: Surveillance Report from CanTravNetsurveillance data, 2009-2011".* Boggild AK, Geduld J, Libman M, Ward BJ, **McCarthy AE**, Doyle PW, Ghesquiere W, Vincelette J, Kuhn S, Freedman DO, Kain KC. *Open Med* 2014. Feb 11; 8(1):e20-32. eCollection 2014.
33. *Development and Evaluation of Global Child Health Educational Modules.* Tobey A. Audcent, Heather M. MacDonnell, Katherine A. Moreau, Michael Hawkes, Laura J. Sauve, Maryanne Crockett, Julie A. Fisher, David M. Goldfarb, Andrea J. Hunter, **Anne E. McCarthy**, et AL. *Pediatrics* 2013 Dec; 132 (6):e1570-6. doi: 10.1542/peds. 2013-1534. Epub 2013 Nov 11.
34. *The complex relationships involved in global health: A qualitative description.* **Anne E. McCarthy**<sup>1</sup>, Andrew Petrosniak<sup>2</sup>, Lara Varpio<sup>3</sup>. *BMC Medical Education.* 2013, 13:136. DOI:10.1186/1472-6290-13-136
35. *Predicting influenza vaccinations uptake among health care workers: What are the key motivators?* Corace K, Prematunge C, **McCarthy A**, et Al *J Infect Control.* 2013 Mar 22 pii: S0196-6553(13)00114-4. doi: 10.1016/j.ajic.2013.01.014. [Epub ahead of print]
36. *GeoSentinel surveillance of illness in returned travelers, 2007-2011.* Leder K, Torresi J, Libman MD, Cramer JP, Castelli F, Schlagenhaut P, Wilder-Smith A, Wilson ME, Keystone JS, Schwartz E, Barnett ED, von Sonnenburg F, Brownstein JS, Cheng AC, Sotir MJ, Esposito DH, Freedman DO; **GeoSentinel Surveillance Network.** *Ann Intern Med.* Mar 19 2013; 158(6):456-68. doi: 10.7326/0003-4819-158-6-201303190-00005.



37. *Acute and potentially life-threatening tropical diseases in western travelers--a GeoSentinel multicenter study, 1996-2011.* Jensenius M, Han PV, Schlegelhauf P, Schwartz E, Parola P, Castelli F, von Sonnenburg F, Loutan L, Leder K, Freedman DO; **GeoSentinel Surveillance Network.** Am J Trop Med Hyg. 2013 Feb;88(2):397-404. doi: 10.4269/ajtmh.12-0551. Epub Jan 16 2013.
38. *Spectrum of Illness in International Migrants Seen at Geosentinel Clinics 1997-2009, Part 1: US Bound Migrants Evaluated by Comprehensive Protocol-Based Health Assessment.* Barnett ED, Weld LH, **McCarthy AE**, et Al.; GeoSentinel Surveillance Network. Clin Infect Dis. 2013 Apr;56(7):913-24. doi: 10.1093/cid/cis1015. Epub 2012 Dec 7.
39. *Spectrum of Illness in International Migrants Seen at Geosentinel Clinics 1997-2009, Part 2: Migrants Resettled Internationally and Evaluated for Specific Health Concerns.* **McCarthy AE**, et AL; GeoSentinel Surveillance Network. Clin Infect Dis. 2013 Apr;56(7):925-33. doi: 10.1093/cid/cis1015. Epub 2012 Dec 7.
40. *Impact of the Ottawa Influenza Decision Aid: Healthcare Personnel's Influenza Immunization Decision: A Randomized Trial.* Larry W. Chambers, PhD, FACE, Hon. FFPH(GB), Kumanan Wilson, MD, FRCPC, MSc, Steven Hawken, MSc, John Puxty, MD, MRCP, FRCPC(C), Lois Crowe, BA, Po-Po Lam, MSc, Elina Farmanova-Haynes MSc, Shelly A. McNeil MD, FRCPC, and **Anne E. McCarthy\***, MD, FRCPC, MSc, DTM&H. Journal of Hospital Infection. 2012 Nov;82(3): 194-202 doi: 10.1016/j.jhin.2012.08.003. Epub 2012 Sep 24.
41. *Short and Long-Term Safety of the 2009 A/S03-Adjuvanted Pandemic Vaccine.* Gaston De Serres; Marie-Claude Gariépy; Brenda Coleman; Isabelle Rouleau; Shelly McNeil; Mélanie Benoît; Allison McGeer; Ardith Ambrose; Judy Needham; Chantal Bergeron; Cynthia Grenier; Kenna Sleight; Arlene Kalos; Manale Ouakki; Najwa Ouhoummane; Grant Stiver; Louis Valiquette; **Anne McCarthy**; Julie Bettinger. PLoS One 2012;7(17):e38563. Epub 2012 Jul 3.
42. *Neurocysticercosis: Neglected but Not Forgotten.* **Anne E. McCarthy**, Citation: Coyle CM, Mahanty S, Zunt JR, Wallin MT, Cantey PT, et al. (2012) PLoS Negl Trop Dis 6(5): e1500. doi:10.1371/journal.pntd.0001500 **Published:** May 29, 2012
43. *Factors influencing pandemic influenza vaccination of healthcare workers - A systematic review.* Prematunge C, Corace K, **McCarthy A**, Nair RC, Pugsley R, Garber G, Vaccine. 2012 July 6; 30(32): 4733-43. doi: 10.1016/j.vaccine.2012.05.018. Epub 2012 May 27
44. *Leprosy-Like Illness in a Patient with Mycobacterium lepromatosis from Ontario, Canada.* Jessamine PG, Desjardins M, Gillis T, Scollard D, Jamieson F, Broukhanski G, Chedore P, **McCarthy A\***, J Drugs Dermatol. 2012;11(2):229-233.
45. *Malaria: Evidence Review for Newly Arriving Immigrants and Refugees.* **Anne E McCarthy MD, MSc**, Sunil Varghese, MA, MD, Ann Duggan MD, Glenn Campbell MD, CCFP, Kevin Pottie, MD, MCISc, Susan Kuhn MD, FRCPC. CMAJ 2011. DOI 10.1503/cmaj.090313
46. *Characteristics and Spectrum of Disease Among Ill Returned Travelers from Pre- and Post-Earthquake Haiti: The GeoSentinel Experience.* Douglas H. Esposito, Pauline V. Han, Phyllis E. Kozarsky, Patricia F. Walker, Effrossyni Gkrania-Klotsas, Elizabeth D. Barnett, Michael Libman, **Anne E. McCarthy**, et Al Trop Med Hyg 2012 86:23-28.
47. *Evidence-based clinical guidelines for immigrants and refugees.* Kevin Pottie, Christina Greenaway, John Feightner, Vivian Welch, Helena Swinkels, Meb Rashid, Lavanya Narasiah, Laurence J. Kirmayer, Erin Ueffing, Noni E. MacDonald, Ghayda Hassan, Mary McNally, Kamran Khan, Ralf Buhmann, Sheila Dunn, Arunmozhi Dominic, **Anne E. McCarthy**, Anita J. Gagnon, Cécile Rousseau, Peter Tugwell, coauthors of the Canadian Collaboration for Immigrant and Refugee Health. CMAJ Sept 6 2011 vol. 183 no. 12 First published June 7, 2010, doi: 10.1503/cmaj.090313.

48. *Information on the internet for asplenic patients: a systemic review*. Downing MA, Omar AH, Sabri E, **McCarthy AE\***. *Can J Surg*. 2011 Aug; 54(4):232-6. Review.
49. *Response to Letter*. Talbot EA, Chen LH, Sanford C, **McCarthy A**, Leder K. *Journal of Travel Medicine*. 2011 July; 18(4):292-293.
50. *Acute Renal Failure and disseminated intravascular coagulation associated with rifampin in tuberculosis treatment*. Costiniuk CT, **McCarthy AE**, etAl. *Int J Tuberc Lung Dis*. 2011 Mar; 15(3):421.

### **CHAPTERS:**

1. “*WHO guidelines for the treatment of malaria – 3<sup>rd</sup> edition*”. **McCarthy, A.E.**, et al. World Health Organization, WHO Press, Geneva Switzerland. 2015. Contributed to whole publication, author of chapter on Traveller’s Malaria
2. “*Travelers with underlying medical conditions*”. **McCarthy, A. E.** and Suh, K. N. *Essential Travel Medicine* (eds J. N. Zuckerman, G. W. Brunette and P. A. Leggat), John Wiley & Sons, Ltd, Chichester, UK. May 15 2015 doi: 10.1002/9781118597361.ch17
3. “*Canadian Recommendations for the Prevention and Treatment of Malaria Among International Travellers*” **McCarthy A.E.\*** with CATMAT. Canada Communicable Diseases Report, May 2014
4. “*Advising Travellers with Specific Needs.*” **McCarthy A.E.\*** Chapter 8 in 2012 Yellow Book; Elsevier Inc., USA 2012
5. “*High-risk travellers*” Kathryn N. Suh, **McCarthy, A.E.**, Maria D. Mileno and Jay S. Keystone. Chapter 27 in *Principles and Practices of Travel Medicine*, Third Edition. 2012 Blackwell Publishing Ltd
6. “*Canadian Recommendations for the Prevention and Treatment of Malaria Among International Travellers*” **McCarthy A.E.\*** with CATMAT. Canada Communicable Diseases Report, June 2009 Volume 35S1
7. “*WHO guidelines for the treatment of malaria – 2<sup>nd</sup> edition*” **McCarthy, A.E.**, et al. World Health Organization, WHO Press, Geneva Switzerland. 2010. Contributed to whole publication, author of chapter on Traveller’s Malaria
8. “*Advising Travelers with Specific Needs*”. **McCarthy, AE.** Chapter 8 in 2010 Yellow Book. Elsevier Inc., USA, 2009
9. “*Cutaneous Larva Migrans*” ; “*Leishmaniasis*” ; “*African trypanosomiasis (African Sleeping Sickness)*”  
“*American Trypanosomiasis (Chagas Disease)*” and “*Malaria Prevention*” **McCarthy, A.E.** RED BOOK, American Academy of Pediatrics, 26<sup>th</sup> Edition, 2003, 2006, 2009

### **BOOKS PUBLISHED:**

AGHN Pocketguide for Global Volunteerism. Edited by **Anne E McCarthy**. Available in English and French. Copyright © 2012, Action Global Health Network.

AGHN Pocketguide for Global Health. Edited by **Anne E McCarthy**. Copyright© 2012 in English and French Action Global Health Network.(2<sup>nd</sup> edition in English)

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## **ABSTRACTS & POSTER PRESENTATIONS (Peer-Reviewed) (last 7 years)**

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### **CLINICAL RESEARCH**

- December 2018 Investigating the effect of seasonal influenza vaccination on the development of anesthesia/paresthesia, headaches, and seizures, Canadian Immunization Research Network (CIRN), 2012-2016. Ahmed M, Valiquette L, Vanderkooi O, Coleman B, De Serres G, Top K, Isenor J, Kellner J, McCarthy A, Singer J, Naus M, Bettinger J. Canadian Immunization Conference.
- December 2018 PCV13 serotype trends over time in pneumococcal community acquired pneumonia: Which method(s) work best? LeBlanc J, ElSherif M, Ye L, MacKinnon-Cameron D, Ambrose A, Hatchette T, Martin I, Andrew M, Boivin G, Bowie W, Green K, Johnstone J, Loeb M, McCarthy A, et. AL. Canadian Immunization Conference.
- December 2018 2016/2017 influenza burden of disease and end-of-season influenza vaccine effectiveness (VE) estimates for preventing influenza-related hospitalization among Canadian adults: An analysis from the Canadian Immunization Research Network (CIRN) Serious Outcomes Surveillance (SOS) Network. Nichols M, Andrew M, Hatchette T, Ambrose A, Boivin G, ElSherif M, Green K, Johnstone J, Katz K, LeBlanc J, Loeb M, Mackinnon-Cameron D, McCarthy A, et. Al. Canadian Immunization Conference.
- December 2018 Recurrent adverse events following vaccination with influenza vaccine can lead to vaccine hesitancy in adults: CANVAS 2017/18 results from the Canadian Immunization Research Network. Coleman BL, Tai X, anderkooi O, Top K, Isenor J, McCarthy A, De Serres G, Valiquette L, Bettinger J.
- November 2018 Severe Malaria in Canada 2014-2017: Report from the Canadian Malaria Network -A. McCarthy S. Carson, P. Ampaw, S. Sarfo, J. Geduld University of Ottawa, Medicine, Ottawa, ONTARIO/CA, Ottawa Hospital Research Institute , Medicine , Ottawa/CA, Ottawa Health Research Institute, Medicine, Ottawa/CA, Public Health Agency of Canada, Office of Border and Travel Health, Ottawa/CA- Oral Presentation-IMED 2018
- November 2018 Malaria in Canadian VFRs and Migrants: Surveillance Report from CanTravNet, April 2013 — March 2018- A. McCarthy, M. Libman, C. Yansouni, S. Kuhn, J. Geduld, J. Hajek, W. Ghesquiere, Y. Mirzanejad, et Al. Poster Presentation- IMED 2018
- October 2018 Cutaneous Larva Migrans in Returned Canadian Travelers to the Caribbean: Surveillance Report from CanTravNet, January 2009 — March 2018. Andrea K.

- Boggild, Jennifer Geduld, Michael D. Libman, Cedric P. Yansouni, Anne E. McCarthy et AL. Poster Presentation – ASTMH 2018.
- October 2018 Typhoid Fever in Canadian Travellers and Migrants: Surveillance Report from CanTravNet, April 2015-March 2018. A. Boggild, Y. Mirzanejad, S. Kuhn, A.McCarthy- International Conference on Migration Health-2018
- October 2018 Malaria in Canadian VFRs and Migrants: Surveillance Report from CanTravNet, April 2013 — March 2018-AE McCarthy, M Libman , CP Yansouni, S Kuhn, J Geduld et Al. Presented ISTM ROME
- August 2018 Cutaneous Larva Migrans in Returned Canadian Travelers to the Caribbean: Surveillance Report from CanTravNet, January 2009 — March 2018, Andrea K. Boggild, Jennifer Geduld, Michael Libman, Cedric P. Yansouni, **Anne E. McCarthy** et. al.
- August 2018 Malaria in Canadian VFRs and Migrants: Surveillance Report from CanTravNet, April 2013 — March 2018. **Anne E. McCarthy** et al
- August 2018 Illness in Pediatric Migrants to Canada: Surveillance Report from CanTravNet, April 2015 — March 2018. Susan Kuhn, Michael Libman, Cedric P. Yansouni, **Anne E. McCarthy** et.al.
- August 2018 Typhoid Fever in Canadian Travellers and Migrants: Surveillance Report from CanTravNet, April 2015 — March 2018. Andrea K. Boggild, Yazdan Mirzanejad, Susan Kuhn, **Anne E. McCarthy** et al.
- July 2018 Severe Malaria in Canada 2014-2017: Report from the Canadian Malaria Network.", abstract control number "1098".in press
- October 2017 Frailty Hinders Recovery From Acute Respiratory Illness in Older Adults, Melissa K Andrew, MD, PhD, Caitlin Lees, MD, MA, Judith Godin, PhD, Karen Black, BSc, Janet McElhaney, MD, Ardith Ambrose, RN, Guy Boivin, MD, MSc, William R. Bowie, MD, FRCPC, FIDSA, May Elsherif, MD1, Karen Green, MSc, RN, Scott A. Halperin, MD, Todd Hatchette, MD FRCPC, Jennie Johnstone, MD, Kevin Katz, MD, CM, MSc, FRCPC, Joanne M. Langley, MD, FRCPC, FSHEA, Jason Leblanc, PhD1, Philippe Lagace-Wiens, MD, Mark Loeb, MD, MSc, Donna Mackinnon-Cameron, MMath1, **Anne Mccarthy, MD, MSc.** et Al.
- October 2017 Impact of Antivirals in the Prevention of Serious Outcomes Associated with Influenza in Hospitalized Canadian Adults: A Pooled Analysis from the Serious Outcomes Surveillance (SOS) Network of the Canadian Immunization Research Network (CIRN) Zach Shaffelburg, BSc, Michaela Nichols, MSc, Lingyun Ye, MSc, Melissa K Andrew, MD, PhD, Ardith Ambrose, RN, Guy Boivin, MD, MSc, William R. Bowie, MD, FRCPC, FIDSA, Ayman Chit, MBiotech, PhD4., Gael Dos Santos, PhD, May Elsherif, MD, Karen Green, MSc, RN, Francois Haguinet, PhD, Scott A. Halperin, MD, Todd Hatchette, MD FRCPC, Barbara Ibarguchi, MSc, Jennie Johnstone, MD, Kevin Katz, MD, CM, MSc, FRCPC, Joanne M. Langley, MD, FRCPC, FSHEA, Jason Leblanc, PhD, Philippe Lagace-Wiens, MD, Mark Loeb, MD, MSc, Donna Mackinnon-Cameron, MMath, A Impact of Prior Season Influenza Vaccination on Seasonal Influenza Vaccine Effectiveness: An Analysis over Four Consecutive Seasons from the Serious Outcomes Surveillance (SOS) Network of the Canadian Immunization Research Network (CIRN) **Anne Mccarthy, MD, MSc,** et Al.
- October 2017 Impact of Prior Season Influenza Vaccination on Seasonal Influenza Vaccine Effectiveness: An Analysis over Four Consecutive Seasons from the Serious Outcomes Surveillance (SOS) Network of the Canadian Immunization Research Network (CIRN)- Michaela Nichols, MSc, Lingyun Ye, MSc, Melissa K Andrew, MD, PhD, Todd Hatchette, MD FRCPC, Ardith Ambrose, RN, Guy Boivin, MD,

- MSc, William R. Bowie, MD, FRCPC, FIDSA4, Gael Dos Santos, PhD5, May Elsherif, MD, Karen Green, MSc, RN, Francois Haguinet, PhD, Kevin Katz, MD, CM, MSc, FRCPC, Jason Leblanc, PhD, Mark Loeb, MD, MSc, Donna Mackinnon-Cameron, MMath1, **Anne Mccarthy, MD, MSc.** et Al.
- October 2017 *Epidemiology of Influenza Viruses in Canada over the 2011/2012 to 2013/2014 Seasons: A Study from the Serious Outcomes Surveillance (SOS) Network of the Canadian Immunization Research Network (CIRN)*- May Elsherif, MD, Todd Hatchette, MD FRCPC, Jason Leblanc, PhD, Lingyun Ye, MSc, Melissa K Andrew, MD, PhD, Ardith Ambrose, RN, Guy Boivin, MD, MSc, William R. Bowie, MD, FRCPC, FIDSA, Karen Green, MSc, RN, Kevin Katz, MD, CM, MSc, FRCPC, Mark Loeb, MD, MSc, Donna Mackinnon-Cameron, MMath, **Anne Mccarthy, MD, MSc.** et Al.
- October 2017 *Decrease in PCV13 Serotypes in Adults Hospitalized with Pneumococcal Pneumonia Over Time: Evidence of Herd Immunity Effects from Childhood Vaccination*- Jason Leblanc, PhD, May Elsherif, MD, Lingyun Ye, MSc, Donna Mackinnon-Cameron, MMath, Todd Hatchette, MD FRCPC, Amanda Lang, PhD, Haley Gillis, BSc, Irene Martin, BSc, Ardith Ambrose, RN, Melissa K Andrew, MD, PhD, Guy Boivin, MD, MSc, William R. Bowie, MD, FRCPC, FIDSA, Karen Green, MSc, RN, Jennie Johnstone, MD, Mark Loeb, MD, MSc, **Anne Mccarthy, MD, MSc.** et Al
- December 2016 *“Burden of Vaccine-Preventable Pneumococcal Disease in Hospitalized Adults: A Canadian Immunization Research Network (CIRN) Serious Outcomes Surveillance (SOS) Network Study”* LeBlanc, J.J., ElSherif, M., Ye, L., MacKinnon-Cameron, D., **McCarthy, A.**, et al. Canadian Immunization Conference 2016, Ottawa (oral presentation)
- December 2016 *“Resource Utilization and Cost of Laboratory Confirmed Influenza Requiring Hospitalization in Canadian Adults”* McNeil, S., Ng, C., Ye, L., Noorduyn, S., **McCarthy, A.**, et al. Canadian Immunization Conference 2016, Ottawa (oral presentation)
- October 2016 *“Influenza Vaccine Effectiveness in the Prevention of Influenza-related Hospitalization in Canadian Adults Over the 2011/12 through 2013/14 Season: A Pooled Analysis from the Serious Outcomes Surveillance (SOS) Network of the Canadian Influenza Research Network (CIRN)”*. ID Week 2016, New Orleans, LA (oral presentation)
- October 2016 *“Impact of Frailty on Influenza Vaccine Effectiveness and Clinical Outcomes: Experience from the Canadian Immunization Research Network (CIRN) Serious Outcomes Surveillance (SOS) Network 2011/12 Season”*. ID Week 2016, New Orleans, LA (poster presentation)
- May 2015 *“Comparison of Rates of Uptake of Preventive Measures between Canadian VFR Travellers and Non VFR Travellers Going to High-risk Destinations”*. Y.-G. Bui1, S.M. Kuhn, T. Rahman, M. Sow, **A. McCarthy**, J. Geduld, F. Milord. Presented at CISTM14 (The 14th Conference of the International Society of Travel Medicine), May 2015.
- May 2015 *“Canada's Recommendations for Travel Health: The Role of the Committee to Advise on Tropical Medicine and Travel (CATMAT)”*. **McCarthy, A.** Boggild, J.

Brophy, Y.-G. Bui, M. Crockett, C. Greenaway, M. Libman, P. Teitelbaum, S. Vaughan, D. Marion, P. McDonald, S. Schofield, M. Tepper, M. Gershman, J. Pernica. Presented at CISTM14 (The 14th Conference of the International Society of Travel Medicine), May 2015.

- May 2015 "A Portrait of Travel Health Services in Canada in the Midst of a Changing Regulatory Environment". Y.-G. Bui, S.M. Kuhn, M. Sow, **A. McCarthy**, J. Geduld, F. Milord. Presented at CISTM14 (The 14th Conference of the International Society of Travel Medicine), May 2015.
- Feb 2014 "Development of biologic safety screening tool; pre-implementation chart review". **Ines Midzic**, Poster Presentation at CRA Annual Scientific Meeting, Whistler, BC Feb 2014
- Oct 2013 "Burden of Community Acquired Pneumonia and Invasive Pneumococcal Disease amongst Hospitalized Canadian Adults: A Public Health Agency of Canada/Canadian Institutes of Health Research (PCIRN) Serious Outcomes Surveillance Network Study". ID Week 2013, San Francisco, CA Oct 4, 2013
- Sept 2013 "Strain-specific influenza burden of disease among hospitalized Canadian adults during the 2011/12 season: A Public Health Agency of Canada/Canadian Institutes of Health Research Serious Outcomes Surveillance Network Study". McNeil S, Ambrose A, Andrew M, Boivin G, Bowie W, Chit A, ElSherif M, Green K, Haguinet F, Hatchette T, Iburguchi B, Johnstone J, Katz K, LeBlanc J, Loeb M, MacKinnon-Cameron D, **McCarthy A**, McGeer A, Powis J, Richardson D, Semret M, Shinde V, Stiver G, Trottier S, Valiquette L, Wang H, Wilcox M, Webster D, Ye L. Options for the Control of Influenza VIII Conference, Cape Town, South Africa, September 5-10, 2013.
- Sept 2013 "Effectiveness of 2012/13 Seasonal Influenza Vaccines in the Prevention of Influenza-related Hospitalization in Canadian Adults: A Public Health Agency of Canada/Canadian Institutes of Health Research (PCIRN) Serious Outcomes Surveillance Network Study". McNeil S, Ambrose A, Andrew M, Diaz-Mitoma F, Boivin G, Bowie W, ElSherif M, Green K, Haguinet F, Hatchette T, Iburguchi B, Johnstone J, Katz K, LeBlanc J, Lagace-Wiens P, Light B, Loeb M, MacKinnon-Cameron D, **McCarthy A**, McElhaney J, McGeer A, Poirier A, Powis J, Richardson D, Semret M, Shinde V, Smith S, Smyth D, Stiver G, Taylor G, Trottier S, Valiquette L, Wang H, Webster D, Wilcox M, Ye L. Options for the Control of Influenza VIII Conference, Cape Town, South Africa, September 5-10, 2013.
- May 2013 "Health Problems in Returning Travellers". Supervisor - **Andrea Boggild** – Oral presentation at CISTM 2013, May 20<sup>th</sup>, 2013 Maastricht, the Netherlands
- October 2012 "Influenza Vaccination Attitudes and Beliefs among Women in Healthcare." at the Advancing Excellence in Gender, Sex and Health Research Conference, Hilton Montreal Bonaventure, October 29-31, 2012

#### **MEDICAL EDUCATION RESEARCH**

- April 2018 "The Utility of Photovoice Journaling in teaching Critical Reflection Skills following Global Health Post-Electives in Canadian Undergraduate Medical Education" CCME Conference 2018 (Halifax) Ashley Cerquiera, AE McCarthy

- April 2014      *“Faculty Experiences of a North-South Partnership for Postgraduate Anaesthesia Training in Zambia: A Qualitative Study”*. Bould D, Clarkin C, **McCarthy AE**, Pigford A, Ismailova F, Measures E, Kinnear J, Boet S. Poster Presentation at the Academy for Innovation in Medical Education (AIME) at the University of Ottawa, Ottawa, Canada April 5, 2014 and CCME Conference, Ottawa, ON April 27, 2014.
- April 2014      *“Introducing Global and Refugee Health competencies through an e-learning program: A Mixed methods study.”* Doug Gruner, Lana Augustincic, Vicki Sabourin, **Anne McCarthy**. Presented at the North American Primary Care Research Group (NAPCRG) Nov 9, 2013.  
Presented at CCME Conference, Ottawa, ON April 25-29, 2014
- April 2013      *“Evaluating Undergraduate Global Health Experiences: Are we on the right track?”* Maraj A, **McCarthy AE**. Poster Presentation at the Academy for Innovation in Medical Education (AIME) at the University of Ottawa, Ottawa, Canada April 5, 2013.
- Oct 2012        *“Procedural experience among medical students in global health electives”*, poster presentation by Andrew Petrosniak, Anika Maraj, Katherine Moreau, **Anne McCarthy**, 19th Canadian Conference on International Health October 21-23, 2012, Ottawa, Canada Delta City Centre Hotel.
- March 2012     *“Exploring faculty expectations and experiences of a new Zambia-UK collaborative postgraduate anaesthesia training program: a qualitative study”* M Dylan Bould, Feruza Ismailova, Emily Measures, Craig Oranmore-Brown, **Anne McCarthy**, John Kinnear. Poster Presentation at the Academy for Innovation in Medical Education (AIME) at the University of Ottawa, Ottawa, Canada March 23, 2012.
- June 2011      *Evaluation of a Refugee/Immigrant Health Teaching within Foundational Global Child Health Modules for Canadian Paediatric Trainees.* AJ Hunter, **A McCarthy**, T Audcent, H MacDonnell, K Moreau, JM Pernica, M Hawkes, L Sauve, A Sandhu, J Fisher, M Crockett, D Goldfarb, J Liu, T Luong, S Rashed, A Levy and J Brenner. Canadian Conference on Refugee Health Conference 2011, Toronto, Canada.
- April 2011      *Conflicting Objectives in Global Health Experiences. Exploring Roads Less Travelled and Unmarked.* **McCarthy A**, Petrosniak A, Varpio L. AIME Day 2011, Ottawa, Canada
- April 2011      *Evaluation of a Global Child Health Curriculum for Pediatric Residency Program.* MacDonnell H, Audcent T, Hawkes M, Moreau K, Pernica JM, Crockett M, Fisher J, Hunter A, Sandhu A, Sauve L, Luong T, Liu J, Goldfarb DM, Rashed S, Levy A, **McCarthy A**, Brenner JL. AIME Day 2011.
- May 2010        *“Exploring the Conflicting Objectives Involved in Global Health Experiences: Roads Less Travelled and Unmarked”* **McCarthy AE**, Petrosniak A, Varpio. Ottawa, ON

- April 2010 *The Ethical Dilemmas Trainees Face during Global Health Electives: Exploring what happens off the beaten path.* Amy Gajaria, Andrew Petrosniak, MD; **Anne McCarthy\***, MD, FRCP; Lara Varaipo, PhD. Podium presentation at Global Health Education Consortium Conference: Alliances for Global Health Education, Cuernavaca, Mexico. 9-11 April 2010.
- Oct 2008 “*Medical Tourism*” A Petrosniak, **A McCarthy\***, L Varpio. Poster presentation for Canadian Conference International Health, Ottawa, ON
- May 2008 “*Global Health Curriculum Development: Meeting the need at the undergraduate and postgraduate level*” A Petrosniak, **A McCarthy\***, L Varpio. 2008 Canadian Medical Education Conference
- May 2008 “*Global Health Curriculum Development: Meeting the need at the undergraduate and postgraduate level*” A Petrosniak, **A McCarthy\***, L Varpio. AIME Day, University of Ottawa, 2008.

#### **GRANTS (last 7 years)**

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##### **CLINICAL RESEARCH GRANTS & AWARDS (Peer Reviewed):**

Title: “*Canadian Immunization Research Network*”  
Granting Agency: Canadian Institutes of Health Research (CIHR) & Public Health Agency of Canada (PHAC)  
Year: 2017  
Amount: \$583,497 (+PH contribution: \$6,583,497)  
Principal Investigator: Dr. Scott A. Halperin  
Site Principal Investigator: **Dr. Anne McCarthy**

Title: “*Screening for Strongyloides stercoralis in high-risk patients undergoing immunosuppressive therapy in association with bone-marrow transplant, solid-organ transplant or rheumatological disorders*”  
Granting Agency: Physicians' Services Incorporated Foundation  
Year: 2016  
Amount: \$13,000  
Principal Investigator: **A.E. McCarthy**  
Co-investigator: Dr. Ruchi Murthy

Title: “*Department of Medicine – Research Advisory Committee Award*”  
Granting Agency: Department of Medicine  
Year: 2016  
Amount: \$38,000  
Principal Investigator: **A.E. McCarthy**

Title: “*A Phase II Randomized, Double-Blind, Placebo-Controlled, Window of Opportunity Trial Evaluating Autophagy as a Novel Therapeutic Strategy in Breast Cancer (The CUBiC Study)*”  
Granting Agency: Canadian Breast Cancer Foundation



Year: 2014  
Amount: \$448,959/ 3 yrs  
Principal Investigator: Angel Arnaout  
Co-Applicants: M Clemons, C Addison, G Singh, H Lee, S Robertson, S Dent  
Collaborators: C Gottlieb, S Coupland, B Hurley, J Watters, R Cull  
Additional Authors: **A.E. McCarthy**, N Page

Title: *“The Development of a Biologics Safety and Screening Tool at The Ottawa Hospital”*  
Granting Agency: Department of Patient Quality and Safety Committee  
Year: 2014  
Amount: \$12,132  
Principal Investigator: Ines Midzic  
Co-Investigator: Doug Smith, Emily Sharples, Sheryl Izzi, Courtney Laginski, Kim McKay, Anne McCarthy, John Thomson, Susan Humphrey-Murto

Title: *Research Salary Award*  
Granting Agency: Department of Medicine Research Advisory Committee  
Year: 2014  
Amount: \$70,000  
Principal Investigator: **A.E. McCarthy**

Title: *“Determining the optimal malaria chemoprophylaxis for travelers: Decision Analysis modeling to inform Public Health Policy”*  
Granting Agency: Department of Medicine, Development Research Grant  
Year: 2013  
Amount: \$11,379  
Principal Investigator: **AE McCarthy**

Title: *Research Salary Award*  
Granting Agency: Department of Medicine Research Advisory Committee  
Year: 2013  
Amount: \$70,000  
Principal Investigator: **A.E. McCarthy**

Title: *Active Surveillance of Adverse Events Following Immunization Among Healthcare Workers Immunized with Influenza Vaccine*  
Granting Agency: Canadian Institutes of Health Research  
Year: 2011-2013  
Amount: \$26,300  
Site Principle Investigator: **AE McCarthy**

Title: *Research Salary Award*  
Granting Agency: Department of Medicine Research Advisory Committee  
Year: 2012  
Amount: \$70,000

Principal Investigator: **A.E. McCarthy**

Title: *Incorporating the Ottawa Malaria Decision Aid into the standard pre-travel consultation process and assess the impact on a traveller's malaria chemoprophylactic decision.*

Granting Agency: TOHAMO Innovation Fund.

Year: 2011-2012

Amount: \$72,940

Principle Investigator: **AE McCarthy**

Co-investigators: Catherine Ivory, Jeremy Levine, Louise Balfour, Eva Calgary

Title: *Research Salary Award*

Granting Agency: Department of Medicine Research Advisory Committee

Year: 2011

Amount: \$40,000

Principal Investigator: **A.E. McCarthy**

Title: *Sentinel Surveillance for Pneumococcal Disease Among Hospitalized Canadian Adults*

Granting Agency: Canadian Institutes of Health Research

Year: 2010-2011

Amount: \$261, 727

Site Principle Investigator: **A.E. McCarthy**

#### **MEDICAL EDUCATION GRANTS & AWARDS (Peer Reviewed): (last 7 years)**

Title: *“Department of Medicine Research Advisory Committee Award “*

Granting Agency: Department of Medicine

Year: January 19, 2016- January 19, 2017 (awarded over 12 months)

Amount: \$38,000

Principal Investigator: **A.E. McCarthy**

Title: *“Department of Medicine - Medical Educator Research Award”*

Granting Agency: Department of Medicine

Year: 2016

Amount: \$30,000

Principal Investigator: **A.E. McCarthy**

Title: *“How Best to Be Prepared? Strengthening Pre-Departure Global Health Training for Surgeons”*

Granting Agency: Department of Medicine

Year: 2015

Amount: \$21,915

Principal Investigator: **A.E. McCarthy**

- Title: *“Developing an Evidence-Based Innovative Debriefing Program for Trainees Undertaking Global Health Experiential Learning”*  
Granting Agency: Department of Medicine  
Year: 2014  
Amount: \$16,310  
Principal Investigator: **A.E. McCarthy**
- Title: *“Towards the Creation of a Global Health Curriculum: Developing and Evaluating a Evidenced-Based Online, Interactive Global Health, Educational Learning Resource for Residents”*  
Granting Agency: University of Ottawa – Educational Initiatives in Residency Education Committee  
Year: 2013  
Amount: \$10,660  
Principal Investigator: **A.E. McCarthy**
- Title: *“Achieving Global and Refugee Health competency through an e-learning program: A mixed methods study”*  
Granting Agency: Department of Family Medicine  
Year: 2012  
Principle Investigator: Doug Gruner  
Co-Investigators: Kevin Pottie, Doug Archibald, **Anne McCarthy**
- Title: *“Outcomes of UGME international Global Health electives: a multiphase, mixed-  
methods evaluation of student experiences”*  
Granting Agency: Grants Review Committee  
Year: 2012  
Amount: \$24,964  
Principal Investigator: **A.E McCarthy**
- Title: *“Department of Medicine – Educator Award”*  
Granting Agency: Department of Medicine  
Year: 2011-2014  
Amount: \$40,000/yr Tier II  
Principal Investigator: **A.E. McCarthy**
- Title: *“Towards the Creation of a Global Health Education Program: Developing and Evaluating of an Online, Interactive Global Health Educational Learning Resource”*  
Granting Agency: Department of Medicine Education Grants Committee  
Year: 2011  
Amount: \$23,824  
Principal Investigator: **A.E. McCarthy**
- Title: *“Investigating the unique needs of global health curriculum: ethical and safety dilemmas faced by medical trainees in global health settings”*  
Granting Agency: Department of Medicine Education Grants Committee  
Year: 2010-2011

Amount: \$24,974  
Principal Investigator: **A.E. McCarthy**

Title: *“Department of Medicine – Educator Award”*  
Granting Agency: Department of Medicine  
Year: 2008 - 2011  
Amount: \$40,000/yr Tier II  
Principal Investigator: **A.E. McCarthy**

**CLINICAL GRANTS (Non-Peer Reviewed):**

Title: *“A Phase II, Multicenter, Randomized, Double-Mask, Double-Dummy Study Comparing the Efficacy and Safety of Peramivir Administered Intravenously Once Daily versus Oseltamivir Administered Orally Twice Daily in Adults with Acute Serious or Potentially Life-Threatening Influenza*

Granting Agency: BioCryst Pharmaceuticals, Inc.  
Year: 2007  
Principal Investigator: M.G. Ison  
Co-Investigators: **A.E. McCarthy**

Title: *“Immune response to pneumococcal vaccine in patients hospitalized for community-acquired pneumonia”*

Granting Agency: Merck Frosst  
Year: 2007  
Principal Investigator: **A.E. McCarthy**

Title: *A Study of the Pharmacokinetics of GT267-004 in Patients with Clostridium Difficile-Associated Diarrhea*

Granting Agency: Optimer Pharmaceuticals, Inc. and PAR Pharmaceuticals, Inc.  
Year: 2007  
Principal Investigator: G. Garber  
Co-Investigators: **A.E. McCarthy**

Title: *“A Multicenter, Double-Blind, Randomized, Parallel Group Study To Compare the Safety and Efficacy of 200mg PAR-101 Taken q 12h with 125mg Vancomycin taken 1 6<sup>th</sup> for Ten days in Subjects with Clostridium Difficile-Associated Diarrhea*

Granting Agency: Optimer Pharmaceuticals, Inc. and PAR Pharmaceuticals, Inc.  
Year: 2006  
Principal Investigator: G. Garber  
Co-Investigators: **A.E. McCarthy**, B. Toyne, G. Rose, V. Roth, F. Auclair, C. Lee, K. Suh, B. Cameron, C. Cooper, J. Angel, R. Saginur

Title: *Travellers’ Preference for Management of Diarrhea*  
Granting Agency: International Society of Travel Medicine  
Year: 2004  
Principal Investigator: **A.E. McCarthy**

## **INVITED PRESENTATIONS (last 7 years)**

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### **Local and Provincial:**

#### **Local:**

- Nov 2018 Seventh Annual CHEO Global Health Conference  
Oct 2018 U Ottawa Global Health workshop: Global Health Clinician.  
Sept 2017 U Ottawa Global Health Conference workshop: Infectious Diseases
- Oct 2016 *Case presentation: Arboviral infection - 17<sup>th</sup> Annual OKMID (Ottawa/Kingston Microbiology & Infectious Diseases) Meeting (Mont Tremblant, Quebec)*  
Oct 2016 *Special Pregnancy Unit (SPU) - Maternal Fetal Medicine (MFM) ROUNDS – Invited talk for Joint Maternal Fetal Medicine/Internal Medicine Rounds (Civic Campus)*  
Sept 2016 *Immunization – Invited talk for Geriatric Medicine Academic Rounds (PGME/Faculty) (Civic Campus)*  
Dec 2012 *Illness in Returned Travellers & Elderly Travellers Have Special Problems – Travel Medicine Update – Toronto, ON*  
April 2012 *Visiting Friends and Relatives (VFRs) Working Group – Ottawa, ON*  
April 2012 *Malaria & Dengue Fever. Presentation – Colloque Bleu. Montreal, QC*  
Nov 2011 Global Health Education Consortium CME, Montreal QC  
Nov 2011 Global Health Ethics Conference CME. Toronto, ON  
Oct 2011 *Infections with Immune Modulating Drugs. Presentation – Ottawa Kingston Microbiology & Infectious Diseases Meeting*  
April 2011 Global Health – What’s new for Department of Medicine and University of Ottawa. Grand Rounds. The Ottawa Hospital, Ottawa, Canada

#### **National:**

- June 2017 Bethune Roundtable Conference on Global Surgery (attended conference and was on the scientific organizing committee)
- April 2017 Canadian Conference on Medical Education (CCME) 2017
- Feb 2017 Canadian Rheumatology Association (CRA) 2017 Annual Scientific Meeting – Invited Workshop Talk: *Rheumatic Manifestations of New Viral Infections*
- June 2016 *The roadmap for malaria control and elimination: public health priorities – Malaria Symposium: science & policy shield the vulnerable from malaria*  
June 2014 *Malaria Update; Chikungunya and Dengue fever: Epidemiology and Etiology; Case Studies of the “ill returned traveller”. Alberta Association of Travel Health Professionals – Annual Travel Health Symposium. June 20 & 21, 2014 Banff, AB*  
April 2013 *Malaria – chemoprophylaxis and self treatment; Dengue – Travel Medicine Conference – Winnipeg, MB*  
April 2012 *Integrating Global Health into Clerkship Curricula – CCME Meeting – Banff, AB*

- Sept 2011 *Workshop on Global Health CME. International Conference on Residency Application, Quebec City*
- June 2011 *Malaria in Refugees and Migrants: Prevention and Management. Canadian Refugee Health Conference 2011, Plenary presentation. Toronto, ON*
- June 2011 *Work Up of Eosinophilia in a New Refugee. Canadian Refugee Health Conference 2011, invited workshop presentation*

**International:**

- June 2018 *The Asian Clinical Tropical Medicine Conference, Course Co-director and Presenter. Faculty of Tropical Medicine, Mahidol University, Thailand and Angkor Children's Hospital Siem Reap, Cambodia*
- April 2018 *Malaria Prevention and Chemoprophylaxis; High-Risk Travelers; Clinical Cases The International Society of Travel Medicine (ISTM): Travel Medicine Review & Update Course 2018, Atlanta, GA*
- Dec 2017 *Expert Committee for Travel Medicine Meeting, Bern, 7th December 2017-presented Update Status of Malaria in Canada on behalf of CATMAT*
- June 2017 *American Society of Tropical Medicine and Hygiene (ASTMH) tropical medicine update course - Treatment of Malaria*
- June 2017 *North American Refugee Health Conference (NARHC); Invite Lecture: *Treatment of Malaria**
- May 2017 *15th Conference of the International Society of Travel Medicine (CISTM) (Barcelona) – Invited symposium presenter: *Malaria Chemoprophylaxis Guidelines - Can We Agree? Moving Towards Consensus: Developing Evidence-Based Malaria Guidelines**
- March 2017 *Malaria Prevention: Chemoprophylaxis; High-Risk Travelers; More Cases, Q and A*  
*The International Society of Travel Medicine (ISTM): Travel Medicine Review & Update Course 2017, Washington, DC*
- July 2016 *The Asian Clinical Tropical Medicine Conference, Course Co-director and Presenter. Faculty of Tropical Medicine, Mahidol University, Thailand and Angkor Children's Hospital Siem Reap, Cambodia*
- May 2016 *18th Annual GeoSentinel Site Directors Meeting*
- April 2016 *Malaria and Malaria Prevention; Pre-Travel Cases; High-Risk Travelers; More Cases, Q and A*  
*The International Society of Travel Medicine (ISTM): Travel Medicine Review & Update Course 2016, Atlanta, GA*
- May 2015 *Can Malaria Standby treatment replace chemoprophylaxis in low risk areas? CISTM, Quebec 2015, Quebec City, PQ*
- April 2015 *Malaria and Malaria Prevention; Preparation of Humanitarian Aid Workers; High-risk and special needs travellers. The International Society of Travel Medicine (ISTM): Travel Medicine Review and Update Course 2015, Toronto, ON*
- Oct 2014 *Global health and residency training: addressing physician as Communicator, Health Advocate and Manager. Presented at ICRE Toronto, ON*
- July 2014 *The Asian Clinical Tropical Medicine Conference, Course Co-director and Presenter. Faculty of Tropical Medicine, Mahidol University, Thailand*

- April 2014 *Malaria Prevention; Challenging Pre-travel cases; Challenging Post-travel cases; High-risk and special needs travellers*; ISTM Review Course. Baltimore, MD
- June 2013 *Migrants on the Move: Tropical and Travel Medicine*. North American Refugee Health Conference 2013, Workshop presentation. Toronto, ON
- May 2013 *Screening & Health Promotion in Newly Arrived Migrants: A Canadian Approach*. CISTM-13 Maastricht, Netherlands
- July 2012 *The Asian Clinical Tropical Medicine Conference*, Course Co-director and Presenter. Faculty of Tropical Medicine, Mahidol University, Thailand
- Feb 2012 *Malaria and Travellers with Special Health Needs – Travel Medicine Review & Update Course* 2012, San Francisco, CA
- May 2011 *Review of Malaria Management and Prevention*. Invited plenary speaker for the 2<sup>nd</sup> Jim Muller Medical Conference, Grey`s Hospital, Pietermaritzburg, South Africa.
- May 2011 *Preventing the Spread of Influenza: an ethical dilemma for health care providers? A new approach*. Invited speaker for the 2<sup>nd</sup> Jim Muller Medical Conference, Grey`s Hospital, Pietermaritzburg, South Africa
- May 2011 *Migrant Medicine: Practical and Clinical Aspects of Care: Strongyloides*. Pre-meeting session on migrant health at the 12<sup>th</sup> Conference of the International Society of Travel Medicine (ISTM), Boston, MA
- May 2011 *The Traveler with Chronic Disease*. Invited workshop presenter at the 12<sup>th</sup> Congress of the International Society of Travel Medicine. Boston, MA
- March 2011 Invited Faculty International Society of Travel Medicine Examination Review Course (ISTM), Presentations –*High Risk and Special Needs Travelers*

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**UNIVERSITY TEACHING (last 7 years)**

**UNDERGRADUATE TEACHING:**

- May 2019
- March 2019 Teaching non-Faculty of Medicine undergraduates (Pre-departure training: personal and occupational safety), Michaele Jean Centre for Global & Community Engagement, OttawaU
- January 2019 Teaching non-Faculty of Medicine undergraduates (Pre-departure training: personal and occupational safety), Michaele Jean Centre for Global & Community Engagement, OttawaU
- September 2018 Post elective debriefing session.
- May 2018 Teaching 2<sup>nd</sup> year medical students:  
*Culturally competent medicine (2 hours)*  
*Emerging infectious diseases (1 hour)*  
*Recapping Global Health issues (1 hour)*
- April 2018 Teaching non-Faculty of Medicine undergraduates (Pre-departure training: personal and occupational safety), Michaele Jean Centre for Global & Community Engagement, OttawaU
- January 2018 Teaching non-Faculty of Medicine undergraduates (Pre-departure training: personal and occupational safety), Michaele Jean Centre for Global & Community Engagement, OttawaU
- December 2017 Teaching UGME – 1<sup>st</sup> year students – *Introduction to Parasitology*

November 2017	Teaching non-Faculty of Medicine undergraduates (Pre-departure training: personal and occupational safety), Michaele Jean Centre for Global & Community Engagement, OttawaU
April 2017	Teaching non-Faculty of Medicine undergraduates (Pre-departure training: personal and occupational safety), Michaele Jean Centre for Global & Community Engagement, OttawaU
April 2017	Teaching Undergraduate Medical Education Program students: <i>Culturally competent medicine; Emerging Infectious Diseases &amp; Recap GH</i>
March 2017	<i>Issues</i> <i>International Volunteer Pre-Departure Training session - Teaching non-Faculty of Medicine undergraduates (Pre-departure training: personal and occupational safety), Michaele Jean Centre for Global &amp; Community Engagement, OttawaU</i>
January 2017	Teaching non-Faculty of Medicine undergraduates (Pre-departure training: personal and occupational safety), Michaele Jean Centre for Global & Community Engagement, OttawaU
January 2017	Teaching 1st year medical students - Intro to Global Health: <i>Introduction to Global/International Health</i>
October 2016	Teaching non-Faculty of Medicine undergraduates (Pre-departure training: personal and occupational safety), Michaele Jean Centre for Global & Community Engagement, OttawaU
September 2016	Post elective debriefing session.
August 2016	PAL (Problem Assisted Learning) teaching session: Antibiotics 2 (civic campus)
May 2016	Teaching 2 <sup>nd</sup> year medical students: <i>Culturally competent medicine (2 hours)</i> <i>Emerging infectious diseases (1 hour)</i> <i>Recapping Global Health issues (1 hour)</i>
March 2016	Teaching non-Faculty of Medicine undergraduates ( <i>Pre-departure training: personal and occupational safety</i> ), Michaele Jean Centre for Global & Community Engagement, OttawaU
January 2016	Teaching 1st year medical students - Intro to Global Health: <i>Introduction to International Health</i>
2005 - 2016	<i>"Problem Assisted Learning on Antimicrobials (PAL)"</i> Lecture series for Medical Students/Clinical Clerks, Ottawa Hospital. Delivered 4 times annually, 1.5 hrs, 6-8 students.
September 2015	Post elective debriefing session.
2004 - Present	Organizing Faculty and Presenter - International Health Course Faculty of Health Sciences, University of Ottawa
2000 - Present	Tutor & Lecturer. Infection and Host Immune Block. University of Ottawa, Faculty of Medicine. Ottawa, Canada.
1999 - Present	Lecturer/Presenter. Centre for International Health and Development (CIHAD) Lecture Series, University of Ottawa. Ottawa, Canada
1997 - Present	Supervisor (University and non-University of Ottawa medical students) Tropical Medicine and International Health Clinic, Ottawa Hospital. Ottawa, Canada.
1995 - Present	Supervisor (University and non-University of Ottawa medical students) Infectious Diseases Consultation Service, Ottawa Hospital. Ottawa, Canada.
May 2011	Lecture – Integration Unit – Year 2 – Refugee Health. University of Ottawa



April 2011                      Lecture – Pre-departure Training Course for medical students undergoing global health electives. University of Ottawa

**GRADUATE & POSTGRADUATE EDUCATION: (last 7 years)**

May 2019                      PGME teaching- Neurology Residents- Tropical Neurologic Diseases (cerebral malaria, neurocysticercosis, African sleeping sickness, and strongyloides)

April 2019                      68th Annual Refresher Course for Family Physicians-Presented: Malaria, Topic & Entamoeba Histolytica / Blastocystis Hominis

February 2019                      PGME teaching Dermatology Resident Half-Day – part of therapeutics curriculum: Topic- Vaccines.

April 2018                      Physician Examiner - video Observed Structured Clinical Examination (vOSCE) MCCQE-II Preparation Course.

March 2018                      PGME teaching - Infectious Disease and Medical Microbiology Residents – two sessions: Malaria and Human Trypanosomiasis

Feb 2018                      PGME Teaching General Internal Medicine Fellows Academic Half Day: Review common causes of fever in a returning traveller (including Malaria)

March 2017                      PGME teaching Dermatology Resident Half-Day – part of therapeutics curriculum: *Topic- Vaccines.*

March 2016                      PGME Teaching Dermatology Residents - Academic Half Day: *Tropical Dermatology*

March 2016                      PGME Teaching ID Residents - Academic Half Day: 2 hours in *Parasitology/Trop Med: Malaria/Trypanosomes;*

March 2016                      PGME Teaching Emergency Residents - Academic Half Day: *Review common causes of fever in a returning traveler*

March 2016                      PGME Teaching General Internal Medicine senior residents - Academic Half Day: *Fever in a returning traveler (including Malaria)*

February 2016                      Teaching IMED R4-5 residents: *Management of the Febrile Traveller*

February 2016                      Physician Examiner in Internal Medicine Residency Training Program (OSCE)

1998 - Present                      PGME Regular lectures on Parasitology, Tropical Medicine, and Epidemiology for Infectious Diseases Academic Half-Day Sessions. University of Ottawa, Faculty of Medicine. Ottawa, Canada.

November 2015                      Presenter – Academic Half Day – Internal Medicine – Diagnosis and Treatment of Arthropod Infections West Nile Virus/P.falciparum & Malaria. Ottawa Hospital

June 2013, 2014	Graduate Lecture – EPI 5180 Masters of Epidemiology – International Health and Development – Infectious Disease in Developing Countries. University of Ottawa
June 2010, 2011	Graduate Lecture – EPI 5180 Masters of Epidemiology – International Health and Development – Infectious Disease in Developing Countries. University of Ottawa
June 2011	Academic Half Day – Neurology – International Health and Neurology. University of Ottawa

#### **SUPERVISING/MENTORSHIP (last 7 years)**

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June – Sept 2018	Global Health Concentration – Summer student – Natalie Rakocovic, UOttawa Medical Student
2016-2018	Global Health / Medical Education supervisor Ashley Cerqueira, UOttawa Medical Student – with Global Health Debriefing Project
December 2016	Clinical supervisor for Global Health Education Masters: <b>Pauline Kabitsis</b>
August 2016	Clinical mentorship: <b>Emma Duchesne</b> – 1 <sup>st</sup> year medical student; completed elective August 19
March – April 2016	Clinical mentorship: <b>Dolly Lin</b> – Public Health and Preventive Medicine (PGY1)
2016 – 2017	Clinical mentorship: <b>Mary (Siobhan) Holland</b>
2016 – 2017	Supervising <b>Chloe Rozon</b> , 2 <sup>nd</sup> year medical student <u>Project</u> : <i>Global Health Program Relaunch</i>
2015 – 2017	Supervising <b>Ruchi Murthy</b> . Internal Medicine Resident, University of Ottawa <u>Project</u> : “ <i>Screening for Strongyloides stercoralis in high-risk patients undergoing immunosuppressive therapy in association with bone-marrow transplant, solid-organ transplant or rheumatological disorders</i> ”
2014 – 2018	Supervising <b>Janelle Rekman</b> , General Surgery Reesident <u>Project</u> : <i>How best to be prepared? Strengthening pre-departure global health training for surgeons</i>
2014 – 2016	Supervising <b>Ali Areej</b> , Supervision of medical education research <u>Project</u> : <i>Global Health Debriefing</i>

- 2012 – 2014 Supervisor to **Anika Maraj** in the following projects:  
Research Project (2012): "*Procedural experience among medical students on global health electives*", co-supervisor  
Summer Studentship (2012): "*Outcomes of UGME International Global Health Electives*", primary supervisor  
Enrichment year supervisor (2013-2014): not research but Dr. McCarthy provided supervision/debriefing throughout the year  
4th Year Research Elective (2015): "*Developing an Evidenced-Based Innovative Debriefing Program for Trainees Undertaking Global Health Experiential Learning*", primary supervisor
- 2005 - 2013 Supervisor International Health Course Students Projects in South Africa (total 7 students over 3 summers)
- 1997 - pres Clinical Supervisor. (University, non-University of Ottawa Residents & Infectious Diseases Fellows) Tropical Medicine and International Health Clinic, Ottawa Hospital. Ottawa
- 1997 - 2016 Mentor. (1<sup>st</sup> to 4<sup>th</sup> year medical students, 8 to 10 students annually) University of Ottawa, Faculty of Medicine. Ottawa, Canada
- 1995 - pres Clinical Supervisor. (University, non-University of Ottawa elective residents & Infectious Diseases Fellows) Inpatient Infectious Diseases Consultation Services, Ottawa Hospital. Ottawa, Canada

**PAST SUPERVISING/MENTORSHIP: (last 7 years)**

- 2012 – 2014 Supervisor to **Elisabeth Drouin** MED 2014 worked with Anika Maraj on project participating in qualitative analysis of reflective summaries as part of the mixed methods research project
- 2012 – 2013 Clinical Research Supervisor to **Melody Ong**, Medical student, Faculty of Medicine, University of Ottawa
- 2012 – 2013 Supervisor to **Marika Armstrong** R3 leadership  
Project: Cultural Competency
- 2010 – 2014 Supervisor to **Evelyn Dell** MED 2013 ethics in global health, continuation of project with **Amy Gajaria** and **Andrew Petrosoniak**  
Project: "*The ethics and safety of medical student global health electives*"
- 2010 – 2012 Clinical Research Supervisor to **Ashley Miller**, medical student, Faculty of Medicine, University of Ottawa, who won 1<sup>st</sup> prize for her clinical project in the 2010 Summer Studentship Poster Day
- 2010 - 2012  
Epidemiology Supervisor to **Chathura Prematunge**, MSc Candidate, Department of  
Project: "*Systemic Review of HCW reasons for pH1N1 influenza vaccination and vaccine refusal*"
- 2010 – 2012 Research Supervisor to **Amy Gajaria** for safety and ethics related to global health activities. Initial results presented at CCME in St John's and the GHEC conference in Mexico. More recent presentations at Ottawa Conference in Malaysia and AIME day 2012 (see Evelyn Dell, above)
- 2007 - 2012  
Ottawa Mentor – Internal Medicine Resident: **Dr. Jakub Majewski**. University of

- 2010 - 2011 Supervised 4 students (**Kevin Best, Rebecca Cassidy, Tara Gleeson, Kathleen Henry**) from the Algonquin professional writing program to develop our two PocketGuides, with Algonquin Prof Nadine McInnis
- 2007 - 2011 Research Supervisor to **Heidi C. So**, Masters Epidemiology Thesis Research Project - Department of Epidemiology and Community Medicine - University of Ottawa

## INNOVATIONS IN TEACHING

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- 2011 AGHN Pocketguide – translation of research results/innovation with proof of impact. This guide has become part of recommended reading for UT Sask and Calgary, as part of PDT.
- 2011 Ongoing development and expansion of the ACTION Global Health Network (AGHN) – [www.actionglobalhealth.ca](http://www.actionglobalhealth.ca) – established in part by previous funding from UMA
- 2011 Global Medical Education – member of National Advisory Committee in part responsible for creating Global Medical Education “GMed”
- 2011 Ongoing development of education online modules for global health activities – available on AGHN website <http://actionglobalhealth.com/index.php/main>
- 2011 Title: Evaluation of Global Child Health (GCH) Modules for Canadian Paediatric Resident Curriculum – Final phase of the project March 2011
- 2008 Institute of Global Health – Development of Pre-Departure Training Course based on initial analysis of Needs Assessment for Global Health Curriculum Development  
Faculty Advisor, Presenter and PBL Tutor  
*Preparing for departure: packing, safety, vaccines, and important contacts*  
*An overview of the infectious diseases of the developing world*
- 2006 Asian Clinical Tropical Medicine Course, Course Co-Director and Lecturer  
The course consists of lectures, demonstrations, workshops, and clinical rounds in various hospitals in Thailand. Course occurs every 2 years and is ongoing.
- 2004 - 2007 Development of Curriculum for International Health Course.  
University of Ottawa Faculty of Health Sciences. Multidisciplinary course for medical and health sciences students.
- 2003- Present Development of Antibiotic Problem Assisted Learning Session. This is a novel educational unit for clinical clerks on their CTU medical rotations providing an overview of the basic principles of antibiotic use and utilizes clinical examples to illustrate the principles.
- 2002 Development of a “Malaria Binder” for the Ottawa Hospital, outlining in detail any information needed to concerning the disease and it’s management which will be available to every department of the hospital concerned with the management of these patients.
- 2002– 2004 Chair, Faculty for Canadian Experts in Travel Medicine – Course Presented 2004. Funding for project through educational grant by GSK. Leader
- 2000– Present Expansion of web-based curriculum for undergraduate medical education in conjunction with University of Ottawa Medical Education Office
- 2001-2002 Curriculum development: Introduction of parasitology into the curriculum for 1<sup>st</sup> year medical students through a two hour workshop on parasitic infections in Infection
- Host block  
2000-2001 Revised curriculum for Canadian Forces Lab Technologists Training

- 2000 Developed ER/Inpatient Malaria Protocols for the North Bay General Hospital. North Bay, Canada.
- 1999-2001 Curriculum review/revision for basic tropical medicine course. Canadian Forces General Duty Medical Officers
- 1998-2001 Curriculum development for infectious diseases and tropical medicine components of medical providers in Canadian Forces Disaster Relief (DART) team training
- 1997 Development of Health Canada International Travel Health Information Binder. An educational initiative involving the collection and distribution of all evidence-based medicine statements and information prepared by the Committee to Advise on Tropical Medicine and Travel. This binder was made available to health care providers across the country who care for travelling Canadians and the ill-returning traveller.

### **COMMITTEE PARTICIPATION (last 7 years)**

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#### **HOSPITAL**

- 2002 - 2012 Member: Antimicrobial Utilization Committee, Ottawa Hospital
- 2005 - 2007 Chair: Antimicrobial Utilization Committee, Ottawa Hospital

#### **REGIONAL**

- 2005 - Present Ottawa Regional Travel Medicine Group
- 2007 - 2010 Chaplain Immigrant Health Network, Ottawa, ON
- 2006 - 2009 Member: City of Ottawa Pandemic Planning Committee, Ottawa and Pandemic Influenza Scientific Committee – Ottawa, Canada.

#### **UNIVERSITY**

- 2009 - Present Professional Affairs Committee, Faculty of Medicine, UOttawa
- 2009 - 2012 Curriculum Development Committee, Faculty of Medicine, UOttawa
- 2009 - 2012 Office of Equity, Diversity and Gender Issues Advisory Board, Faculty of Medicine, University of Ottawa, ON Canada
- 2009 - 2013 Faculty of Medicine Advisory Board, University of Ottawa, ON Canada
- 2009 - 2013 Faculty of Medicine Council, University of Ottawa, ON Canada
- 2004 - Present Member. Selection Committee for Post-Graduate Medical Education, University of Ottawa
- 2003 - Present Member. Continuing Medical Education Committee, Department of Medicine, University of Ottawa, Ottawa, Canada
- 2002 - Present Department of Medicine Educational Grants Review Committee, Ottawa Hospital.

#### **NATIONAL**

- 2014- Present Global Health Interest Group AFMC
- 2008- Present Association of Medical Microbiologists and Infectious Diseases (AMMI) Canada representative on the Stop TB Canada Committee
- 2008 – 2013 Canadian Society of International Health, Board Member
- 2007 - Present Academy of Faculties of Medicine Canada (AFMC) Resource Group on Global Health
- 1996 - Present Committee to Advise on Tropical Medicine and Travel (CATMAT)  
2012 Chair, CATMAT  
2002 – 2012 - Chair Malaria Subcommittee; Executive Committee and Member:  
1997-2002 - Liaison Member for Department of National Defence

**INTERNATIONAL**

- 2014 Member of the Scientific Program Advisory Committee for the Consortium of Universities for Global Health's 5<sup>th</sup> Annual Conference
- 2010 – 2013 Global Medical Education Committee coordinated through the University of Minnesota Chair Dr Patricia Walker.
- 2008 - Present Global Health Education Consortium/Association of Faculties of Medicine of Canada Resource Group on Global Health. Joint US/Canadian Committee for Uniform Guidelines in Global Health Medical Education Member.
- 2007 – Present Co-Director Asian Clinical Tropical Medicine Course, Mahidol University, Bangkok, Thailand. 7<sup>th</sup> annual course taking place in July 2016.
- 2005 - Present American Society of Tropical Medicine and Hygiene Course Accreditation Committee, Member
- 2003 - 2011 Chair, International Society of Travel Medicine Research Committee
- 2003 - 2011 Executive Board, International Society of Travel Medicine