

**Current:**

- 2017 – present      **Postdoctoral Fellow, Infectious Disease Epidemiology**, Stanford University School of Medicine, Division of Infectious Diseases & Geographic Medicine, CA
- 2019 – present      **Member, International Advisory Board**, *The Lancet Child & Adolescent Health*

**Education**

- 2013–2017      **Ph.D., Epidemiology**, University of Georgia, College of Public Health, Department of Epidemiology and Biostatistics, Athens, Georgia  
Advisor: Christopher C. Whalen, MD, MS  
Dissertation: Predicting coprevalent and incident tuberculosis disease in household contacts of tuberculosis cases
- 2010–2012      **M.P.H., Global Community Health and Behavioral Sciences**, Tulane School of Public Health and Tropical Medicine, New Orleans, Louisiana  
Thesis: Tuberculin skin test sensitivity over 20 years in shantytowns in Peru
- 2005–2009      **B.A., Political Science**, University of Arizona, Tucson, Arizona

**Awards**

- 2019      University of Washington Tuberculosis Research & Training Center TB Junior Investigator Award
- 2017      Stephen Lawn TB-HIV Research Leadership Prize; awarded by London School of Hygiene & Tropical Medicine, Desmond Tutu HIV Centre from University of Cape Town, South Africa, International Union Against Tuberculosis & Lung Disease, *Lancet*

**Publications** (total: 40; first or co-first author: 22)

Select first or co-first author publications:

1. **Martinez L**, Cords O, Horsburgh CR, Andrews JR, Pediatric TB Contact Studies Consortium. The Risk of Tuberculosis in Children After Close Exposure: An Individual-Participant Meta-analysis Including 137,647 Children from 46 Cohort Studies. *The Lancet* (Accepted, In-Press). Accepted in January 2020. (Will be published on World TB Day, March 21, 2020). **(IF: 59.1)**
2. **Martinez L\***, Cheng W\*, Wang X\*, Ling F, Mu L, Li C, Huo X, Huang H, Zhu L, Li C, Handel A, Chen E, Shen Y. Predicting Mortality Among Laboratory-Confirmed Avian Influenza A H7N9 Patients: Derivation and Validation of a Risk Classification Model (2019). *Journal of Infectious Diseases*. 220 (11); 1780–1789. (\*Co-first). **(IF: 5.2)**
3. **Martinez L**, Verma R, Croda J, Horsburgh CR, Walter KS, Degner N, Middelkoop K, Koch A, Hermans S, Warner D, Wood R, Cobelens F, Andrews JR (2019). Detection, Survival, and Infectious Potential of Mycobacterium tuberculosis in the Environment: A Review of the Evidence and Epidemiological Implications. *European Respiratory Journal*, 27; 53 (6). **(IF: 12.2)**
4. **Martinez L\***, Lo N\*, Cords O, Hill PC, Khan P, Hatherill M, Mandalakas A, Kay A, Croda J, Horsburgh CR, Zar HJ, Andrews JR (2019). Pediatric Tuberculosis Transmission Outside the Household: Challenging Historical Paradigms to Inform Future Public Health Strategies. *The Lancet Respiratory Medicine*, 7 (6), 544-552. (\*Co-first). **(IF: 23.0)**
5. **Martinez L**, Shen Y, Handel A, Chakraborty S, Stein C, Malone L, Boom WB, Quinn FD, Joloba ML, Whalen CC, Zalwango S (2018). Effectiveness of WHO's Pragmatic Screening Algorithm for Child Contacts of Tuberculosis Cases in Resource-Constrained Settings: A Prospective Cohort Study in Uganda. *The Lancet Respiratory Medicine*. 6 (4), 276–286. **(IF: 23.0)**
6. **Martinez L**, Handel A, Shen Y, Quinn F, Stein CM, Malone LL, Zalwango S, Whalen CC (2018). A Prospective Validation of a Clinical Algorithm to Detect Tuberculosis in Child Contacts. *American*

- Journal of Respiratory and Critical Care Medicine*. 197(9):1214–1216. (IF: 16.5)
7. **Martinez L**, le Roux DM, Barnett W, Nicol MP, Zar HJ (2018). Tuberculin Skin Test Conversion and Primary Progressive Tuberculosis Disease in the First Five Years of Life: A Birth Cohort Study from Cape Town, South Africa. *The Lancet Child & Adolescent Health*. 2(1), 46–55. (IF: n.a.)
  8. **Martinez L**, Zhu L, Castellanos ME, Chen C, Liu Q, Hallowell BD, Whalen CC (2017). Glycemic Control and the Prevalence of Tuberculosis Infection: A Population-based Observational Study. *Clinical Infectious Diseases*. 65 (12), 2060-2068. (IF: 9.1)
  9. **Martinez L**, Shen Y, Mupere E, Kizza A, Hill PC, Whalen CC (2017). Transmission of *Mycobacterium tuberculosis* in Households and the Community: A Systematic Review and Meta-Analysis. *American Journal of Epidemiology*. 185 (12), 1327–1339. (IF: 5.4)
  10. Lu P\*, Liu Q\*, **Martinez L\***, Lu W, Ding X, Zhu L (2017). Time to Sputum Culture Conversion and Treatment Outcome of Patients with Multidrug-resistant Tuberculosis: A Prospective Cohort Study from Urban China. *European Respiratory Journal*. 49 (3). (\*Co-first). (IF: 12.2)
  11. **Martinez L**, Sekandi JN, Castellanos ME, Zalwango S, Whalen CC (2016). Infectiousness of HIV-seropositive Patients with Tuberculosis in a High-burden African Setting. *The American Journal of Respiratory and Critical Care Medicine*. 194 (9), 1152–1163. (IF: 16.5)
  12. Zhu L\*, Liu Q\*, **Martinez L\***, Shi J, Zhong C, Song H, Li G, Ding X, Zhou Y, Zhu L, Whalen CC, Lu W (2015). Diagnostic Value of Genechip for Detection of Resistant *Mycobacterium tuberculosis* in Patients with Differing Treatment Histories. *Journal of Clinical Microbiology*. 53.1: 131-135. (\*Co-first). (IF: 5.0)

Select co-author publications:

1. Lu P, Zhou Y, Liu Q, **Martinez L**, Kong W, Ding X, Peng H, Zhu T, Zhu L, Lu W. Predictors of Discordant Tuberculin Skin test and QuantiFERON-TB Gold In-Tube Results in Eastern China: A Population-based, Cohort Study. *Clinical Infectious Diseases* (Accepted, In-Press). (IF: 9.1)
2. Carbone A, Oliveira R, Lemos EF, Cohen T, Cords O, **Martinez L**, Gonçalves C, Ko A, Andrews JR, Croda J (2020). Yield and Costs of Mass Screening Algorithms for Tuberculosis in Brazilian Prisons. *Clinical Infectious Diseases*. [Online Only]. February 2020. (IF: 9.1)
3. Liu Q, Wang D, **Martinez L**, Lu P, Zhu L, Lu W, Wang J (2019). *Mycobacterium tuberculosis* Beijing Genotype Strains and Unfavorable Treatment Outcomes: A Systematic Review and Meta-analysis of 12 Cohort Studies. *Clinical Microbiology and Infection* 26 (2): 180-188. (IF: 6.4)
4. Peters J, Andrews JR, Hatherill M, Hermans S, **Martinez L**, Schurr E, van der Heijden Y, Wood R, Kana B (2019). Advances in the understanding of *Mycobacterium tuberculosis* transmission in HIV-endemic settings. *The Lancet Infectious Diseases*, 19 (3): 65-76. (IF: 27.5)
5. Shao Y, Chen C, Song H, Li G, Liu Q, Li Y, Zhu L, **Martinez L**, Lu W (2015). The Epidemiology and Geographic Distribution of Nontuberculous *Mycobacteria* Clinical Isolates from Sputum Samples in the Eastern Region of China. *PLoS Neglected Tropical Diseases*. 9 (3): e0003623. (IF: 4.5)
6. Ezeamama AE, Bustinduy A, Nkwata AK, **Martinez L**, Pabalan N, Boivin MJ, King CH (2018). Cognitive Deficits and Educational Loss in Children with Schistosome Infection – A Systematic Review and Meta-analysis. *PLoS Neglected Tropical Diseases* 12 (1): e0005524. (IF: 4.5)

**Selected Presentations** (invited: 25; conference oral presentations: 25; conference poster: 24)

1. “Paediatric tuberculosis transmission outside the household: challenging historical paradigms to inform future public health strategies.” WHO Child and Adolescent TB Working Group. 2020.
2. “BCG vaccination and increased risk of disease in adolescence” Department of Chronic Communicable Disease, Center for Disease Control and Prevention of Jiangsu Province. Nanjing, China, October 2019.
3. “Interventions to Prevent and Identify Tuberculosis in Diabetic Patients.” Department of Epidemiology, School of Public Health, Nanjing Medical University. Nanjing, China, October 2019.
4. “Risk of Tuberculosis in Children After Close Exposure: An Individual Participant Meta-analysis of 46 Cohort Studies”. University of Washington TB Research & Training Center. September 2019.
5. “Modeling Pediatric Tuberculosis: How Can We Improve?” TB MAC/WHO Meeting. United States 2018.
6. “Does Tuberculosis Exposure Intensity Influence Quantitative IGRA Level?” South African Tuberculosis Vaccine Initiative (SATVI). Cape Town, South Africa. 2018.
7. “Pediatric Tuberculosis in sub-Saharan Africa: A Call to Action.” London School of Hygiene & Tropical Medicine. World TB Day Symposium. 2018.