

Angelle Desirée LaBeaud, M.D., M.S.

PERSONAL DATA

Work Address: Stanford University
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PRESENT POSITION

7/2019 – present Professor, Stanford University, Department of Pediatrics, Division of Infectious Diseases

7/2019 – present Professor, Stanford University, Department of Epidemiology & Population Health (by courtesy)

9/2022 – present Professor, Stanford Doerr School of Sustainability, Department of Environmental and Behavioral Science (by courtesy)

EDUCATION

9/1992 – 6/1996 B.S., *Cum Laude*, General Biology; University of California at San Diego; La Jolla, California

8/1996 – 5/2000 M.D., *AOA*, Medical College of Wisconsin; Milwaukee, Wisconsin

6/2006 – 5/2009 M.S., Clinical Research, Case Western Reserve University; Cleveland, Ohio

POSTGRADUATE TRAINING

7/2000 – 6/2001 Pediatric Internship, International Health Track; Rainbow Babies & Children's Hospital, Cleveland, Ohio

7/2001 – 6/2003 Pediatric Residency, International Health Track; Rainbow Babies & Children's Hospital, Cleveland, Ohio; International rotation at Mahosot Hospital, Vientiane, Laos

7/2003 – 6/2006 Pediatric Infectious Disease Fellowship;

Rainbow Babies & Children's Hospital, Cleveland, Ohio
7/2006 – 6/2009 KL2 Scholar; National Institutes of Health, National Center for Research Resources, Multidisciplinary Clinical Research Career Development Program; Case Western Reserve University, Cleveland, Ohio

PREVIOUS POSITIONS

7/2006 – 6/2007 **Instructor**, Primary Appointment, Department of Pediatrics, Division of Pediatric Infectious Diseases, Case Western Reserve University
7/2006 – 6/2007 **Instructor**, Secondary Appointment, Center for Global Health and Diseases, Case Western Reserve University
7/2007 – 6/2009 **Assistant Professor**, Primary Appointment, Department of Pediatrics, Division of Pediatric Infectious Diseases, Case Western Reserve University
7/2007 – 6/2009 **Assistant Professor**, Secondary Appointment, Center for Global Health and Diseases, Case Western Reserve University
10/2009 – present **Adjunct Assistant Professor**, Center for Global Health and Diseases, Case Western Reserve University
10/2009 – 1/2014 **Assistant Scientist**, Children's Hospital Oakland Research Institute
10/2009- 10/2014 **Associate Physician**, Pediatric Infectious Diseases, Children's Hospital and Research Center Oakland
1/2014 – 10/2014 **Associate Scientist**, Children's Hospital Oakland Research Institute
10/2014 – 6/2019 **Associate Professor**, Stanford University Department of Pediatrics, Division of Infectious Diseases
12/2016 – 6/2019 **Associate Professor**, Stanford University Department of Health Research and Policy (Epidemiology) (by courtesy)

HOSPITAL APPOINTMENTS

2007 – 2008 **Director**, Pediatric Travel Clinic, Case Western Reserve University
2010 – 2012 **Co-Director**, Pediatric Infectious Diseases Fellowship Program, Children's Hospital Oakland

- 2013 – 2014 **Director**, Pediatric Infectious Diseases Fellowship Program, Children’s Hospital Oakland
- 2014 – present **Co-chair**, Stanford Integrated Program
- 2021 – present **Co-chair**, Sean N. Parker Center Climate, Health and Equity Task Force

ADMINISTRATIVE APPOINTMENTS

- 2015 – present Affiliated Faculty Member, Stanford Institute for Immunity, Transplantation, and Infection
- 2015 – 2019 Affiliated Faculty Member, Stanford Woods Institute for the Environment
- 2015 – present Affiliated Faculty Member, Emmett Interdisciplinary Program in Environment & Resources
- 2017 – present Faculty Fellow, Center for Innovation in Global Health
- 2017 – 2018 Research Fellow, Windward Islands Research and Education Foundation (WINDREF), True Blue Campus, St. George’s, Grenada
- 2018 – 2022 Scholarly Concentration Co-Leader and Clinical Partner for the Pediatrics Global Health Scholarly Concentration
- 2018 – present Senior Research Fellow, Windward Islands Research and Education Foundation (WINDREF), True Blue Campus, St. George’s, Grenada
- 2018 – present Visiting Professor, Technical University of Mombasa, Mombasa, Kenya
- 2019 – present Senior Fellow, Stanford Woods Institute for the Environment
- 2020 – present Affiliated Faculty Member, Stanford King Center on Global Development

LICENSURE

- 2009 – present Medical License, State Medical Board of California
- 2000 – 2010 Medical License, State Medical Board of Ohio

CERTIFICATIONS

- 2007 – present Pediatric Infectious Diseases Subspecialty Board; recertified 2017
- 2003 – present American Board of Pediatrics; Recertified 2013
- 2000 – present Pediatric Advanced Life Support
- 2000 – present Neonatal Resuscitation Program Provider

HONORS/AWARDS

1999	Alpha Omega Alpha Honor Society
2000	Merck Award in recognition of outstanding academic achievement
2000	American Medical Woman's Association Award
2004 – 2012	NIH Clinical Research, Loan Repayment Awards (LRP)
2008	Case Western Reserve University Women Faculty of the School of Medicine Junior Faculty Award
2008	Robert E. Shope International Fellowship in Infectious Diseases Award
2010	New Investigator in Global Health Scholarship, Global Health Council
2015 – 2020	Bechtel Faculty Scholar Award, Stanford Child Health Research Institute
2018	Women in Science Award, International Society for Antiviral Research (ISAR)
2018	Stanford Department of Pediatrics Postdoc Mentor of Excellence Award
2018	Competitive selection into the Stanford Leadership Development Program FY19
2018 – 2021	Mosbacher Distinguished Packard Fellow, Stanford University
2019	Graduation from the Stanford Leadership Development Program FY19
2019	Nomination for election to the American Society for Clinical Investigation
2019	Election to the Board of the Directors of the American Society of Tropical Medicine and Hygiene
2020	Invited Expert Lecture in NIH Workshop 'Back to basics: Research to address Bunyavirales emergence'
2020	Nomination and competitive acceptance into American Leadership Forum - Silicon Valley Fellows Program (2021-2022)
2021	Nomination and selection as Fellow of the American Society of Tropical Medicine and Hygiene
2021	Nomination and election into the American Pediatric Society

EDITORIAL RESPONSIBILITIES

2006 – 2008	Associate Editor , PLoS Neglected Tropical Diseases Journal
2008 – 2022	Deputy Editor , PLoS Neglected Tropical Diseases Journal
2006 – present	Reviewer , Lancet Global Health, Clinical Infectious Diseases, Journal of Infectious Diseases, PLoS Neglected Tropical Diseases Journal, PLoS ONE, British Medical Journal, Archives of Virology, American Journal of Tropical Medicine & Hygiene, Journal of Visualized Experiments, Anti-Viral Research Journal, Virus Research Journal, Vaccine, Transactions of the Royal Society of Tropical Medicine and Hygiene, Global Health Action
2017 – present	Editorial Advisory Board Member , American Journal of Tropical Medicine and Hygiene

MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Society for Tropical Medicine and Hygiene
 American Committee on Arthropod-Borne Viruses
 Infectious Disease Society of America
 Pediatric Infectious Diseases Society
 American Academy of Pediatrics

GRANT REVIEW BOARDS

2008	NIH Study Section ZAI1 EWS-M (J1) 1: Infectious Diseases Transmission in the Developing World
2011, 2012	Deutsche Forschungsgemeinschaft (DFG) German Research Foundation, Joint German-African Cooperation Projects in Infectiology
2012	NIH Loan Repayment Program Special Emphasis Study Section
2012, 2013	Wellcome Trust Grant Reviewer, Sir Henry Wellcome Postdoctoral Fellowships
2013	NIH Study Section ZGM1 BBCB-5 (MI)1: Models of Infectious Disease Agent Study
2014	NIH Study Section ZAI-AWA-M-S1: NIAID International Collaborations in Infectious Diseases Research (ICIDR)
2015	Ad hoc member, NIH Study Section CRFS: Clinical Research and Field Studies

2015	NIH Study Section ZAI-BLG-M-S4, R24 peer reviewer
2016	NIH Study Section ZRG1 PSE-U 02 M IRAP and SSPA Member SEP
2016	NIH Study Section PAR 14-080 International Research in Infectious Diseases
2017	Special Emphasis Panel/Scientific Review Group ZRG1 PSE-U (02)
2017	Special Emphasis Panel/Scientific Review Group ZDE1 LC (19) 1
2017	Special Emphasis Panel/Scientific Review Group ZAI1 KP-M (J1) 1
2018	MRC reviewer, UK-Philippines Joint Health Research Call 2017 Cuevas MR/R025614/1
2018- 2022	Standing member, NIH Study Section CRFS: Clinical Research and Field Studies
2020	Served as interim chair, NIH Study Section CRFS: Clinical Research and Field Studies
2021	Served as interim chair, NIH Study Section CRFS: Clinical Research and Field Studies
2022 – 2027	Postdoc Training Grant Program Director, T32AI052073 Global Epidemiology of Infectious Diseases, Stanford University

COMMITTEE MEMBERSHIPS

2008 – 2017	Member, American Society of Tropical Medicine & Hygiene (ASTMH) CME/Courses Committee
2009	Member, American Academy of Pediatrics International Research Award Selection Committee
2009 – 2017	Member, ASTMH Travel Research Award Selection Committee
2009	Panelist, National Center for Foreign Animal and Zoonotic Disease Defense Advisory Group on Rift Valley Fever, Washington, DC
2010, 2012	Journal Editor Round Table Participant, National Science Advisory Board for Biosecurity (NSABB)
2011	Symposium Organizer/Chair, "Cultural Lessons Learned in Tropical Medicine: Pearls from the Pioneers", ASTMH Annual Meeting

2011 – 2016	Member, Ben Kean Travel Fellowship Award Committee, ASTMH
2012	Councilor , ASTMH
2012 – 2014	Member, Blue Ribbon Committee, ASTMH
2013 – 2014	Chair , CTropMedExam Working Group, ASTMH
2012 – 2014	Director , Pediatric Resident's Research Seminar Series, Children's Hospital of Oakland
2013 – 2020	Member, Dual Use Research of Concern Committee, PLoS Journals
2013	Invited PLoS representative, WHO Informal Consultation on Dual Use Research of Concern, Geneva, Switzerland
2013	Co-chair, Other Viruses Research Section Symposium, ASTMH Meeting, Washington, D.C.
2015 – present	Member, Pediatric Infectious Disease Fellowship Program Evaluation committee, Stanford University
2015 – 2016	Member, Adult Infectious Disease Search committee, Stanford University
2015 – 2019	Affiliated Faculty Member, Woods Institute for the Environment, Stanford University
2015 – present	Affiliated Faculty Member, Emmett Interdisciplinary Program in Environment & Resources, Stanford University
2015 – present	Co-chair , Integrative program committee, Stanford University
2015 – present	Member, Institution Biosafety committee, Stanford University
2015	Panelist, NIAID-WHO Gaps and Opportunities in Chikungunya Research: Expert Consultation on Chikungunya Disease in the Americas
2015 – 2020	Councilor , American Committee on Arthropod-Borne Viruses
2016 – present	Chair , Ben Kean Travel Fellowship Award Committee, ASTMH
2016 – 2017	Chair-elect , American Committee on Arthropod-Borne Viruses
2017 – present	Member, WHO ZIKV IPD Consortium, Geneva, Switzerland
2017 – 2018	Chair , American Committee on Arthropod-Borne Viruses

2018 – present	Expert member, GloPID-R Chikungunya working group
2018 – 2021	Core Member, Innovation and Integration of Ecosystem-Human Health Science and Tools on the Natural Capital Project Platform Working Group, Stanford Program for Disease Ecology, Health, and the Environment
2018 – 2019	Invited learner, Stanford Leadership Development Program
2018 – 2019	Past-Chair , American Committee on Arthropod-Borne Viruses
2018 – 2020	Invited member, Strategic Blue Ribbon Planning Committee, American Society of Tropical Medicine and Hygiene (ASTMH)
2018 – present	Member, Inclusion/Respect Task Force, American Society of Tropical Medicine and Hygiene
2019 – 2020	Member, Shope Fellowship Committee
2019 – present	Elected Board Member, Board of the Directors , American Society of Tropical Medicine and Hygiene
2019 – present	Member, Green Group, American Society of Tropical Medicine and Hygiene
2020 – present	Member, WHO Zika Virus Exposures Working Group
2020 – present	Invited Member, CEPI Rift Valley Fever Task Force
2020 – present	Invited member, American Society of Tropical Medicine and Hygiene Standing Committee on Development
2020 – present	Chair , American Society of Tropical Medicine Green Task Force
2021 – present	CEO and Co-Founder , Health and Environment Research Institute-Kenya
2021 – present	Invited External Advisory Committee Member to the Centers for Research in Emerging Infectious Diseases Network (CREID), a global network recently established by the NIAID
2021 – present	Member, Planetary Health Leadership Group, Stanford University
2021 – present	Member, Center for Innovation in Global Health Leadership Group, Stanford University

- 2021 – present Invited External Advisory Committee Member to the Physician-Scientist T32 “Training Physicians in Emerging Infectious Diseases Research” at UTMB
- 2021 – present Stanford University Emmett Interdisciplinary Program in Environment and Resources (E-IPER) PhD Admissions Committee
- 2021 – present Member, Board of Directors, The Caribbean Center for Child Neurodevelopment, St. George's University, Grenada, West Indies.
- 2022 – present County At-Large Community Representative, San Mateo Mosquito and Vector Control District, San Mateo County, California

PATENTS

- 2020 Flock of Fame Game, Chinese Design and Box Patent Number ZL 2020 3 0793900.2; China National Intellectual Property Administration (CNIPA)

PRESENT RESEARCH SUPPORT

- 10/2022 – 9/2024 Bill and Melinda Gates Foundation, Chan Zuckerberg Biohub; Investment ID INV-046964. Characterization of Febrile Illness Etiologies using mNGS; Role: Co-PI
- 10/2022-9/2023 Fogarty D43 TW011547; Siyakhula: Growing HIV/TB Research Knowledge for Growing Healthy Kids in Eswatini; Climate Change Administrative Supplement; PI: Mandalakas, Role: Co-I, Climate Change Lead
- 9/2022 – 8/2023 Stanford Denning Artist Fund; The LaBeaud Lab Kenya- Stanford dual sculpture installations with recycled materials; Role: PI
- 7/2022 – 6/2023 Fogarty Global Health Equity Scholarship; Epidemiology of Arboviruses in Mysore; Awardee: A. Khan, Role: Mentor
- 9/2021 – 9/2023 USDA, 58-3022-1-006: Investigating Risk Factors of Rift Valley Fever Virus Direct Transmission in Kenya; Goal: To develop and test appropriate diagnostic assays to detect presence of RVFV in milk. Role: PI

- 12/2020 – 11/2025 NIH, R01 AI155959: Sample-to-Answer, Rapid, Multiplexed and PCR-Free Diagnostics of Arboviral Diseases in Resource Limited Settings; Goal: To create and field test a new technology for rapid diagnosis of arboviruses in Grenada. Role: Co-I; PI: Ali Yanik
- 7/2013 – 4/2024 NIH, R01 AI102918: Disentangling the human vector relationship to disrupt dengue and chikungunya virus outbreaks in Kenya; Role: PI
- 3/2020 – 2/2024 NIH, R01 AI149614: Yellow fever in Brazil: new insights on an old disease; Role: Co-PI with Olindo Filho, PhD
- 7/2018 – 6/2023 NIH, K23AI127909; Modulation of the B cell response to dengue virus infection by *Plasmodium falciparum* co-infection; PI: David Vu; Role: Primary mentor, Co-I
- 10/2019 – 12/2022 Philanthropic gift to support congenital Zika virus research: The neurodevelopmental impacts of Zika virus in Grenada; Role: PI
- 1/2020 – 6/2023 Philanthropic gift to support school-based educational research: School Health Promotion in Grenada: Engaging Young People As Agents of Change; Role: PI
- 1/2020 – 6/2023 Stanford Center for Innovation in Global Health Seed Grant; School Health Promotion in Grenada: Empowering Youth as Lifelong Agents of Change; Role: Co-PI with Abby King

PAST RESEARCH SUPPORT

- 7/2021 – 6/2022 Fogarty Global Health Equity Scholarship; Impact of warming temperatures on dengue transmission risk in Kenya; Awardee: J. Rosser, Role: Mentor
- 6/2021 – 8/2022 Stanford Center for Innovation In Global Health; Investigating Animal-Sourced Food as a Global Risk for Urban Rift Valley Fever Disease Spread and Emergence; PI: K. Gerken, Role: Mentor

- 9/2021 – 8/2022 American Society of Tropical Medicine and Hygiene, Robert E. Shope International Fellowship in Infectious Diseases; Urban Rift Valley Fever Virus as a New Ecological Niche: Continuous Introduction from Animal Products; PI: K. Gerken, Role: Mentor
- 7/2020 – 6/2021 Fogarty Global Health Equity Scholarship; Urban Rift Valley Fever; Awardee: K. Gerken, Role: Mentor
- 11/2020 – 11/2021 Coalition for Epidemic Preparedness Innovations (CEPI), Paving the Way for a Human Rift Valley Fever Vaccine Trial: Creation of a Serum Panel for Vaccine Development; Role: Consultant
- 1/2020 – 9/2021 Coalition for Epidemic Preparedness Innovations (CEPI), Epidemiology of Rift Valley Fever Disease in Africa and the Arabian Peninsula (1999 – 2019): A Systematic Literature Review; Role: Consultant
- 7/2015 – 6/2021 NIH, U24AI118648: Miniaturized Automated Whole Blood Cellular Analysis System; Role: Co-PI with H. Maecker
- 6/2019 – 4/2021 BOVA (Building Out Vector-borne diseases in Africa) Network pump priming award, Trash to Treasure: Collecting trash for profit to reduce vector breeding sites in Kwale County, Kenya; Role: U.S. PI
- 7/2018 – 12/2020 Stanford Woods Institute for the Environment University Research Agreement: Innovation and Integration of Ecosystem-Human Health Science and Tools on the Natural Capital Project Platform; Role: Co-PI with Gretchen Daily
- 9/2015 – 8/2020 Bechtel Faculty Scholar Award, Stanford Child Health Research Institute: Integrated Vector Management as a Strategy for Reduced Disease Risk in a Newly Discovered Region of Dengue Fever in Africa; Awardee
- 7/2016 – 7/2019 Stanford Woods Institute Environmental Venture Project

- grant: Predicting Dengue Transmission in a Changing Climate to Improve Mosquito Control; Role: Co-PI with E. Mordecai
- 7/2018 – 6/2019 Stanford CHRI Bridge Support: The Burden of Chikungunya and Dengue Transmission Infection and Disease in Kenya; Role: PI
- 4/2018 – 12/2018 USAID Maternal and Child Survival Program, Assessment of Cognitive Functioning in Children Exposed to the Zika Virus; Role: Co-investigator
- 9/2016 – 12/2018 NIH, R21TW010536; Neurodevelopment and Vector-borne Diseases: Building Research Capacity in the Tropics; Role: Co-PI with R. Waechter
- 9/2016 – 12/2018 Institute for Immunity, Transplantation and Infection Seed Interdisciplinary Research Award: Characterizing the Effects of Antenatal Parasitic Infection on Fetal Immune System Development; Role: PI
- 9/2017 – 8/2018 American Society of Tropical Medicine and Hygiene, Robert E. Shope International Fellowship in Infectious Diseases; Miniaturized Automated Whole Blood Cellular Analysis System to Assess Immunity to Arboviruses in Msambweni, Kenya; PI: A. Krystosik, Role: Mentor
- 1/2017 – 8/2018 Stanford Center for Innovation in Global Health Seed Grant; Complex Data and Deep Learning for Disease Outbreak Prediction; Role: Awardee/PI
- 1/2017 – 6/2018 Stanford Child Health Research Institute: The Spectrum of Zika Virus Disease in Grenada; Awardee/PI
- 1/2016 – 12/2017 Stanford Center for Innovation in Global Health Seed Grant; Predicting Dengue Transmission in a Changing Climate; Role: Awardee/co-PI with E. Mordecai
- 9/2015 – 8/2016 American Society of Tropical Medicine and Hygiene, Robert E. Shope International Fellowship in Infectious Diseases;

- Characterization of Immune Factors of Severe and Chronic Chikungunya Disease in Grenada, West Indies; PI: C. Heath, Role: Mentor
- 9/2012 – 8/2016 OPP1066865: Bill and Melinda Gates Foundation Healthy Growth Award: Enhancing Infant Immunity: Effect of Early Maternal Treatment for Parasitic Infections; Role: Co-investigator
- 3/2012 – 2/2014 NIH, Pacific Northwest Regional Center of Excellence in Biodefense and Emerging Pathogens New Research Project Award: The Burden of Chikungunya and Dengue Infection in Kenya; Role: Principal Investigator
- 4/2009 – 2/2014 NIH, U54AI057160, Midwest Regional Center of Excellence Program Project Award: Innate Immunity of Rift Valley Fever Virus; Role: Co-investigator
- 4/2010 – 4/2013 NIH, R03 HD058587; The effects of polyparasitism on vaccine response; Co-PI with I. Malhotra
- 1/2011 – 6/2013 Department of Homeland Security: Center of Excellence for Emerging Zoonotic Animal Diseases, "Risk Factors for Rift Valley Fever Virus Infections among Herders in Kenya, Saudi Arabia, South Africa, and Madagascar"; Role: Kenya Site PI
- 11/2011 – 4/2012 Case Western Reserve University Clinical and Translational Science Core Pilot Grant, "The effect of maternal infections on B cell responses to vaccines when mediated by infant T cell responses to malarial antigens"; Role: Collaborator
- 8/2008 – 6/2009 American Society of Tropical Medicine and Hygiene, Robert E. Shope International Fellowship in Infectious Diseases; Rift Valley Fever Epidemiology in NE Kenya; Awardee
- 3/2008 – 2/2009 NIH, Midwest Regional Center of Excellence Developmental Project Award: Rift Valley Fever Virus activation of innate pattern recognition receptors; PI: A Hise; Role: Co-investigator

- 9/2007 – 6/2009 NIH, National Center for Research Resources, Case Western Reserve University/Cleveland Clinic Clinical and Translational Science Award: 1KL2RR024990; PI: Richard Rudick; Role: KL2 Scholar
- 7/2006 – 8/2007 NIH, National Center for Research Resources, Multidisciplinary Clinical Research Career Development Programs Grant K12RR023264; PI: Richard Rudick; Role: MCRTTP Scholar
- 7/2003 – 6/2007 NIH ICIDR U01AI45473-S1 Biodefense Supplement: Transmission of Rift Valley Fever in Kenya; PI: CH King; Role: Co-Investigator
- 7/2003 – 6/2006 Institutional Infectious Diseases Training Grant: NIH grant T32AI52067; PI: Grace McComsey; Role: Research Fellow / Trainee

BIBLIOGRAPHY

Original Peer-reviewed Research Publications

(*used to denote a publication from a mentee)

1. **LaBeaud A. D.**, Lisgaris, M. V., King, C. H., & Mandalakas, A. M. (2006). Pediatric West Nile virus infection: Neurologic disease presentations during the 2002 epidemic in Cuyahoga County, Ohio. *Pediatric Infectious Diseases Journal*, 25, 751-3. PMID 16874181
2. **LaBeaud A. D.**, Kile, J. R., Kippes, C., King, C. H., & Mandalakas, A. M. (2007). Exposure to West Nile virus during the 2002 epidemic in Cuyahoga County, Ohio: A comparison of pediatric and adult behaviors. *Public Health Rep.*, 122(3), 356-61. PMID: 17518307. PMC: 1847498
3. **LaBeaud, A. D.**, Ochiai, Y., Peters, C. J., Muchiri, E. M., & King, C. H. (2007). Spectrum of Rift Valley fever virus transmission in Kenya: Insights from three distinct regions. *Am J Trop Med Hyg.*, 76(5), 795-800. PMC2367216
4. **LaBeaud, A. D.**, Gorman, A. M., Koonce, J., Kippes, C., McLeod, J., Lynch, J., Gallagher, T., King, C. H., & Mandalakas, A. M. (2008). Rapid GIS-based profiling of West Nile virus transmission: Defining environmental factors associated with an urban-suburban outbreak in northeast Ohio, USA. *Geospat Health.*, 2(2), 215-25. NIHMSID: 307251. PMC: 3140769. doi: 10.4081/gh.2008.245

5. **LaBeaud, A. D.**, Muchiri, E. M., Ndzovu, M., Mwanje, M. T., Muiruri, S., Peters, C.J., & King, C.H. (2008). Interepidemic Rift Valley fever virus seropositivity, northeastern Kenya. *Emerg Infect Dis*, *14*(8), 1240-46. PMC: 2600406. doi: 10.3201/eid1408.080082
6. **LaBeaud, A. D.**, Glinka, A., Kippes, C., & King, C.H. (2009). School-based health promotion for mosquito-borne disease prevention in children. *J Pediatr*, *155*(4), 590-92. PMC: 3104726. doi: 10.1016/j.jpeds.2009.03.009
7. Yeo, K. T., Zhu, X., Kirchner, H. L., **LaBeaud, A. D.***, & Mandalakas, A. (2009). Candida skin testing is a poor adjunct to tuberculin skin testing in international adoptees. *Pediatr Infect Dis J*, *28*(11), 1020-21. NIHMSID: 298049. PMC: 3133951. doi: 10.1097/INF.0b013e3181a909d3
**Participated extensively in design and testing of participants. Helped write manuscript.*
8. King, C. H., Kahlon, S. S., Muiruri, S., & **LaBeaud, A. D.** (2010). Facets of the Rift Valley fever outbreak in Northeastern Province, Kenya, 2006-2007. *Am J Trop Med Hyg*, *82*(3), 363. PMC: 2829890. doi: 10.4269/ajtmh.2010.09-0800
9. Kakani, S., **LaBeaud, A. D.**, & King, C.H. (2020). Planning for Rift Valley fever virus: Use of GIS to estimate the human health threat of white-tailed deer (*Odocoileus virginianus*)-related transmission. *Geospatial Health*, *5*(1), 33-43. NIHMSID: 307278. PMC: 3140430. **Participated extensively in study design and in data analysis. Helped write manuscript and reviewed drafts.*
10. **LaBeaud, A. D.**, Bashir, F., & King, C.H. (2011). Measuring the burden of arboviral diseases: The spectrum of morbidity and mortality from four prevalent infections. *Population Health Metrics*, *9*(1), 1. PMC: 3024945. doi: 10.1186/1478-7954-9-1.
11. **LaBeaud, A. D.**, Sutherland, L. J., Muiruri, S., Gray, L., Zimmerman, P. A., Hise, A.G., & King, C. H. (2011). Arbovirus prevalence in mosquitoes, Kenya. *Emerging Infectious Diseases Journal*, *17*(2), 233-41. PMC: 3204744.
12. **LaBeaud, A. D.**, Cross, P., Getz, W., Glinka, A., & King, C. H. (2011). Rift Valley fever virus infection in African buffalo (*Syncerus caffer*) herds in rural South Africa-Evidence of inter-epizootic transmission. *Am J Trop Med Hyg*. *84*(4), 641-6. PMC: 3062463. doi: 10.4269/ajtmh.2011.10-0187
13. *Sutherland, L. J., Cash, A. A., Sang, R. C., Huang, Y. S., Malhotra, I., King, C. L., Moormann, A. M., Weaver, S. C., King, C. H., & **LaBeaud, A. D.** (2011). Serological evidence of arboviral infections among humans in Kenya. *American Journal of Tropical Medicine & Hygiene*, *85*(1), 158-61. PMC: 3122361. doi: 10.4269/ajtmh.2011.10-0203

14. **LaBeaud, A. D.**, Muiruri S., Sutherland, L.J., Dahir, S., Gildengorin, G., Morrill, J., Muchiri, E.M., Peters, C.J., & King, C. H. (2011). Postepidemic Analysis of Rift Valley fever virus transmission in northeastern Kenya: A village cohort study. *PLoS Neglected Tropical Diseases Journal*, *5*(8), e1265. PMC: 3156691. <https://doi.org/10.1371/journal.pntd.0001265>
15. Hartley, D.M., Rinderknecht, J. L., Nipp, T. L., Clarke, N. P., Snowden, G. D., & the **National Center for Foreign Animal and Zoonotic Disease Defense Advisory Group on Rift Valley Fever (including LaBeaud, A. D.)**. (2011). Potential effects of Rift Valley fever in the United States. *Emerg Infect Dis.* *17*(8), e1. PMC: 3381545 **Participated two-day expert working group meeting in DC and assisted with expert content and manuscript editing.*
16. **LaBeaud, A. D.**, Wentworth, B., Gildengorin, V., Tam, K., Guardia-LaBar, L., & Petru, A. (2013). Comparison of moderate and severe hospitalized pediatric 2009 H1N1 Influenza cases. *Pediatric Infectious Diseases Journal*, *32*(2), e90-3. PMID: 23080289. <https://doi.org/10.1097/INF.0b013e31827882f9>
17. *Dubray, K., Anglemyer, A., **LaBeaud, A. D.**, Flori, H., Bloch, K., Joaquin, K. S., Messenger, S. Preas, C., Sheriff, H., & Glaser, C. (2013). Epidemiology, outcomes, and predictors of recovery in childhood encephalitis: A hospital- based study. *Pediatric Infectious Diseases Journal*, *32*(8), 839-44. PMID: 23518823. doi: 10.1097/INF.0b013e318290614f **As a mentor to Kara Dubray, I provided essential contributions to research and methods design, ongoing feedback during the data collection process, and guidance throughout manuscript writing including specific input in developing the initial draft as well as reviewing and providing detailed comments on multiple revisions.*
18. *Newman-Gerhardt, S., Muiruri, S., Muchiri, E. M., Peters, C. J., Morrill, Lucas, A. H., King, C. H., Kazura, J., **LaBeaud, A. D.** (2013). Potential for autoimmune pathogenesis of Rift Valley fever virus retinitis. *American Journal of Tropical Medicine & Hygiene*, *89*(3), 495-7. PMC: 3771287.
19. Golnar, A. J., Turell, M. J., **LaBeaud, A. D.**, Kading, R. C., & Hamer, G. (2014). Predicting the mosquito species and vertebrate species involved in the theoretical transmission of Rift Valley fever virus in the United States. *PLoS Neglected Tropical Diseases Journal*, *8*(9), e3163. doi: 10.1371/journal.pntd.0003163. PMC: 4161329. **Participated in study design, RVFV clinical and epidemiological expertise, data analysis and helped write manuscript.*
20. Muiruri, S., Kabiru, E. W., Muchiri, E. M., Hussein, H., Kagondou, F., **LaBeaud, A. D.**, & King, C. H. (2015). Cross-sectional survey of Rift Valley fever virus exposure in Bodhei Village located in a transitional coastal forest habitat

- in Lamu County, Kenya. *American Journal of Tropical Medicine & Hygiene*, 92(2) 394-400. PMID: 25535309 PMCID: [PMC4347346](https://pubmed.ncbi.nlm.nih.gov/25535309/)
DOI: [10.4269/ajtmh.14-0440](https://doi.org/10.4269/ajtmh.14-0440) *Participated in study design, field work supervision, RVFV clinical and epidemiological expertise, data analysis and helped write manuscript.
21. **LaBeaud, A. D.**, Banda, T., Brichard, J., Borland, E., Mungai, P.L., Mutuku, F.M., Gildengorin, V., Pfeil S., Teng, C.Y., Long, K., Heise, M., Muchiri, E.M., Powers, A. M., Kitron, U., & King, C. H. (2015). High rates of O'nyong Oyong and Chikungunya virus transmission in coastal Kenya. *PLoS Negl Trop Dis*, 9(2). doi:10.1371/journal.pntd.0003436. PMC: 4319898.
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 23. Hise, A. G., Traylor, Z., Hall, N. B., Sutherland, L. J., Dahir, S., Ermler, M. E., Muiruri, S., Muchiri, E. M., Kazura, J. W., **LaBeaud, A. D.**, King, C. H., & Stein, C. M. (2015). Association of symptoms and severity of Rift Valley fever with genetic polymorphisms in human innate immune pathways. *PLoS Negl Trop Dis*, 9(3): e0003584. doi:10.1371/journal.pntd.0003584. PMC: 4355584 *Research work supplied preliminary data for grant funding for this project, participated extensively in design and testing of participants. Helped write manuscript.
 24. **LaBeaud, A. D.**, Pfeil, S., Muiruri, S., Dahir, S., Sutherland, L. J., Traylor, Z., Gildengorin, G., Muchiri, E. M., Morrill, J., Peters, C. J., Hise, A. G., Kazura, J. W., & King, C. H. (2015). Factors associated with severe human Rift Valley fever in Sangailu, Garissa County, Kenya. *PLoS Negl Trop Dis*, 9(3): e0003548. doi:10.1371/journal.pntd.0003548. PMC: 4357470.
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 26. Gray, G. C., Anderson, B. D., **LaBeaud, A. D.**, Heraud, J. M., Fèvre, E. M., Andriamandimby, S. F., Cook, E. A., Dahir, S., de Glanville, W. A., Heil, G. L., Khan, S. U., Muiruri, S., Olive, M. M., Thomas, L. F., Merrill, H. R., Merrill, M. L., Richt, J. A. (2015). Seroepidemiological study of interepidemic Rift Valley fever virus infection among persons with intense ruminant exposure in Madagascar and Kenya. *Am J Trop Med Hyg.*, 93(6), PMC:

4674260. doi: 10.4269/ajtmh.15-0383
**Was Site PI for Kenya portion of multinational study. Enrolled and tested participants samples to generate study data. Provided RVFV clinical, diagnostic, and epidemiologic expertise. Participated extensively in design and integration of multinational data. Helped write manuscript.*
27. Bisanzio, D., Mutuku, F., **LaBeaud, A. D.**, Mungai, P. L., Muinde, J., Busaidy, H., Mukoko, D., King, C. H., & Kitron, U. (2015). Use of prospective hospital surveillance data to define spatiotemporal heterogeneity of malaria risk in coastal Kenya. *Malaria Journal, 14*, 482. PMC: 4665820. doi: 10.1186/s12936-015-1006-7 *My grant supplied a large portion of data collection. Shared clinical and malaria data and trends. Participated in data analysis and helped write manuscript.
28. Macpherson, C. N. L., Noël, T.P., Fields, P. J., Jungkind, D., Yearwood, K., Simmons, M., Widjaja, S., Mitchell, G., Noël, D., Bidaisee, S., Myers, T. E., & **LaBeaud, A. D.** (2016). Clinical and serological observations from a case series study during the Asian lineage Chikungunya outbreak in Grenada during 2014. *Am J Trop Med Hyg. 95*(4), 890-893. PMC: 5062795
29. *Singer, M. N., Heath, C. J., Muinde, J., Gildengorin, V., Mutuku, F. M., Vu, D., Mukoko, D., King, C. L., Malhotra, I., King, C. H., & **LaBeaud, A. D.** (2017). Pneumococcal vaccine response after exposure to parasites in utero, in infancy, or mid-childhood. *Pediatrics, 139*(4), pii: e20162781. doi: 10.1542/peds.2016-2781. PMC: 5369673.
30. *Vu, D., Banda, T., Teng, C., Heimbaugh, C., Muchiri, E., Mungai, P., Mutuku, F., Brichard, J., Gildengorin, G., Borland, E., Powers, A., Kitron, U., King, C. H., & **LaBeaud, A. D.** (2017). Dengue and West Nile virus transmission in children and adults in coastal Kenya. *AJTMH, 96*(1), 141-143. doi: 10.4269/ajtmh.16-0562. PMID: 27821697. PMC: 5239681.
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**Participated in study design; Helped write manuscript.*
32. *McKittrick, N. D., Vu, D. M., Malhotra, I., King, C. H., Mutuku, F., **LaBeaud, A. D.** (2017). Parasitic infections in pregnancy decrease placental transfer of anti-pneumococcal antibodies. *Clin Vaccine Immunol, 24*(6), pii: CVI.00039-17. doi: 10.1128/CVI.00039-17. PMC: 5461374.
33. Mendes Neto, N. N., da Silva Maia, J. T., Zacarkim, M.R., Rolim, D., Linz, M.,

- Trindade, T., Luz, K., Fulco, G., Mendes, T., Alves Vidal, S., Cortez Muniz, I., Pinheiro de Souza, S., Queiroz, I., & **LaBeaud, A. D.** (2017). Mortality in newborns with microcephaly due to maternal Zika virus infection in Rio Grande Do Norte State-Northeast Brazil: A cross-sectional study. *Neurology*, *88*(16 Supplement). DOI:10.1093/ofid/ofw195.2
34. Waggoner, J., Heath, C. J., Ndenga, B. A., Mutuku, F. M., Sahoo, M. K., Mohamed-Hadley, A., Vulule, J., Mukoko, D., **LaBeaud, A. D.**, & Pinsky, B. (2017). Development of a real-time RT-PCR for O'nyong-Nyong virus and evaluation with clinical and mosquito specimens from Kenya. *Am. J. Trop. Med. Hyg.*, *97*(1), 121–124. doi:10.4269/ajtmh.17-0027 **My grant supplied all clinical samples tested. Participated extensively in design and testing of participants and clinical data and sample collection. Helped write manuscript.*
35. Cook, E. A. J., Grossi-Soyster, E. N., de Glanville, W. A., Thomas, L. F., Kariuki, S., Bronsvort, B. M. C., Wamae, C. N., **LaBeaud, A. D.**, & Fèvre, E. M. (2017). The sero-epidemiology of Rift Valley fever in people in the Lake Victoria Basin of western Kenya. *PLoS Negl Trop Dis.*, *11*(7), e0005731. doi: 10.1371/journal.pntd.0005731. eCollection 2017 Jul. PMC: 5517073 **Participated extensively in design and testing of participants and clinical data and sample collection. Helped write manuscript.*
36. Grossi-Soyster, E. N., Banda, T., Teng, C., Muchiri, E., Mungai, P., Mutuku, F., Gildengorin, G., Kitron, U., King, C. H., & **LaBeaud, A. D.** (2017). Rift Valley fever seroprevalence in coastal Kenya. *Am. J. Trop. Med. Hyg.*, *97*(1), 115–120. doi:10.4269/ajtmh.17-0104
37. Waggoner, J., Brichard, J., Mutuku, F., Ndenga, B., Heath, C. J., Mohamed-Hadley, A., Sahoo, M. K., Vulule, J., Lefterova, M., Banaei, N., Mukoko, D., Pinsky, B. A., & **LaBeaud, A. D.** (2017). Malaria and Chikungunya detected using molecular diagnostics among febrile Kenyan children. *Open Forum Infect Dis.*, *4*(3), ofx110. doi: 10.1093/ofid/ofx110. PMID:28702473. PMC: 5505337.
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41. Ndenga, B. A., Mutuku, F. M., Ngugi, H. N., Mbakaya, J. O., Aswani, P., Musunzaji, P. S., Vulule, J., Mukoko, D., Kitron, U., & **LaBeaud, A. D.** Characteristics of *Aedes Aegypti* adult mosquitoes in rural and urban areas of western and coastal Kenya. (2017). *PLoS One*, 12(12) e0189971. doi: 10.1371/journal.pone.0189971
42. *Mendes Neto, N. N., da Silva Maia, J. T., Zacarkim, M. R., Queiroz, I., **LaBeaud, A. D.**, & Aronoff, D. M. (2017). Perinatal case fatality rate related to congenital Zika syndrome in Brazil: A cross-sectional study. *Pediatric Neurology*, 81, 47-8 pii: S0887-8994(17)31131-1. doi: 10.1016/j.pediatrneurol.2017.11.012. *Mentored Nelson as a student. Was the content expert on arbovirus epidemiology for this work. Participated in study design; Helped write manuscript.
43. Grossi-Soyster, E. N., Cook, E. A. J., de Glanville, W. A., Thomas, L. F., Krystosik, A. R., Lee, J., Wamae, C. N., Kariuki, S., Fèvre, E. M., & **LaBeaud, A. D.** (2017). Serological and spatial analysis of alphavirus and flavivirus prevalence and risk factors in a rural community in western Kenya. *PLoS Negl Trop Dis.* 11(10) e0005998. doi: 10.1371/journal.pntd.0005998.
44. Brenciaglia, M., Noel, T. P., Fields, P., Bidaisee, S., Myers, T., Nelson, W. M., Venkateswaran, N., Venkateswaran, K., Parameswaran, N., Bahadoor, A., Yearwood, K., Mapp-Alexander, V., Mitchell, G., **LaBeaud, A. D.**, & Macpherson, C. N. L. (2018). Clinical, serological and molecular observations from a case series study during the Asian lineage Zika virus outbreak in Grenada during 2016. *Can J Infect Dis Med Microbiol.* 4, 1-9. doi: 10.1155/2018/4635647. *Was the Zika content expert for the country of Grenada during their recent Zika outbreak. Participated in study design, data collection, field supervision, and data analysis; Helped write manuscript.
45. *Heath, C. J., Lowther, J., Noël, T. P., Mark-George, I., Boothroyd, D. B., Mitchell, G., MacPherson, C. N. L., & **LaBeaud, A. D.** (2018). The identification of risk factors for chronic Chikungunya arthralgia in Grenada, West Indies: A cross sectional cohort study. *Open Forum Infect Dis.* 5(1) :ofx234, <https://doi.org/10.1093/ofid/ofx234>
46. *Heath, C. J., Singer, M. N., King, C. H., Malhotra, I., Mutuku, F., Mukoko, D., & **LaBeaud, A. D.** (2018). Nasopharyngeal carriage of streptococcus pneumoniae in children in coastal Kenya. *Am J Trop Med Hyg.* 98(4), 1046-1050. doi: 10.4269/ajtmh.16-0813. Epub 2018 Feb 22.

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48. Contopoulos-Loannidis, D., Newman-Lindsay, S., Chow, C., & **LaBeaud, A. D.** (2018). Mother-to-child transmission of Chikungunya virus: A systematic review and meta-analysis. *PLoS Negl Trop Dis.*, 12(6) e0006510. doi: 10.1371/journal.pntd.0006510.
49. Gudo, E. S., **et al.** (2018). Seroepidemiological Studies of Arboviruses in Africa. *Adv Exp Med Biol.*, 1062, 361-371. doi: 10.1007/978-981-10-8727-1_25. PMID: 29845545 **The collections of abstracts from participants at the 2nd Tofo Advanced Study Week which focused on dengue and Zika viruses as well as presentations on other arboviruses are collated in this chapter. We submitted several abstracts to this meeting that were included in this publication.*
50. *Krystosik, A. R., Curtis, A., **LaBeaud, A. D.**, Davalos, D., Bhatta, M. P., Pacheco, R., Buritica, P., Alvarez, A. A., Palacios, J. H. R., & James, M. A. (2018). Neighborhood Violence Impacts Disease Control and Surveillance: Case Study of Cali, Colombia from 2014 to 2016. *Int. J. Environ. Res. Public Health*, 15(10), 2144; doi:10.3390/ijerph15102144 **As a mentor to Amy Krystosik, I provided essential contributions to research and methods design, ongoing feedback during the data collection process, and guidance throughout manuscript writing including specific input in developing the initial draft as well as reviewing and providing detailed comments on multiple revisions.*
51. *Hortion, L., Mutuku, F., Eyherabide, A., Vu, D., Boothroyd, D, Grossi-Soyster E, King, C., Ndenga, B., & **LaBeaud, A. D.** (2019). Acute flavivirus and alphavirus infections among children in two different areas of Kenya, 2015. *AJTMH*, 100(1) 170-173. doi: 10.4269/ajtmh.18-0297.
52. *McKittrick, N. D., Malhotra, I. J, Vu, D. M, Boothroyd, D. B., Lee, J., Krystosik, A. R., Mutuku. F. M., King, C. H., & **LaBeaud, A. D.** (2019). Parasitic infections during pregnancy need not affect infant antibody responses to early vaccination against Streptococcus pneumoniae, diphtheria, or Haemophilus influenzae type B. *PLoS Negl Trop Dis.* 13(2) e0007172. doi: 10.1371/journal.pntd.0007172. eCollection 2019 Feb.
53. Grossi-Soyster, E. N., Lee, J., King, C. H., & **LaBeaud, A. D.** (2019). The

- influence of raw milk exposures on Rift Valley fever virus transmission. *PLoS Negl Trop Dis.*, 13(3) e0007258. doi: 10.1371/journal.pntd.0007258.
54. *Kao, J. E., Mutuku, F., Martin, S., Lee, J., Muinde J., Mukoko, D., Malhotra, I., King C., & **LaBeaud, A. D.** (2019). Early childhood anemia in a birth cohort in coastal Kenya: Links to infection and nutrition. *AJTMH*, 101(1), 242-252. doi:10.4269/ajtmh.17-0688.
55. *Shah, M. M., Krystosik, A. R., Ndenga, B. A., Mutuku, F. M., Caldwell, J. M., Otuka, V., Chebii, P. K., Maina, P. W., Jembe, Z., Ronga, C., Bisanzio, D., Anyamba, A., Damoah, R., Ripp, K., Jagannathan, P., Mordecai, E., & **LaBeaud, A. D.** (2019). Malaria smear positivity among Kenyan children peaks at intermediate temperatures as predicted by ecological models. *Parasites and Vectors*, 12(1), 288. <https://doi.org/10.1186/s13071-019-3547-z>.
56. Wilder-Smith, A., **et al.** (2019). Zika Virus Individual Participant Data Consortium. Understanding the relation between Zika virus infection during pregnancy and adverse fetal, infant and child outcomes: a protocol for a systematic review and individual participant data meta-analysis of longitudinal studies of pregnant women and their infants and children. *BMJ Open*, 9(6). doi: 10.1136/bmjopen-2018-026092. *This is the first paper from a WHO ZIKV collaborative. I attended meetings at WHO, and contributed to the idea, design and writing of this manuscript.
57. *Wild, H., Glowacki, L., Maples, S., Mejía-Guevara, I., Krystosik, A., Bonds, M. H., Hiruy, A., **LaBeaud, A. D.**, & Barry, M. (2019). Making Pastoralists Count: Geospatial Methods for the Health Surveillance of Nomadic Populations. *American Journal of Tropical Medicine & Hygiene*, 101(3), 661-69. DOI: <https://doi.org/10.4269/ajtmh.18-1009>. *As a mentor to Hannah Wild, I provided essential contributions to research and methods design, ongoing feedback during the data collection process, and guidance throughout manuscript writing including specific input in developing the initial draft as well as reviewing and providing detailed comments on multiple revisions.
58. *Krystosik, A., Njoroge, G., Odhiambo, L., Forsyth, J., Mutuku, F., & **LaBeaud, A. D.** (2020). Solid Wastes Provide Breeding Sites, Burrows, and Food for Biological Disease Vectors and Urban Zoonotic Reservoirs: A Call to Action for Solutions-Based Research. *Frontiers in Public Health*, 17(7), 405. doi: 10.3389/fpubh.2019.00405.eCollection 2019
59. Seetah, K., **LaBeaud, A. D.**, Kumm, J., Grossi-Soyster E, Anangwe, A., & Barry, M. (2020). Archaeology and contemporary emerging zoonosis: a framework for predicting future Rift Valley Fever virus outbreaks.

- International Journal of Osteoarchaeology*, 30(3), 345-354. Doi: 10.1002/oa.2862 *As co-PI on this project with Krish Seetah and Jochen Kumm, I provided essential contributions to rationale and design, ongoing feedback during preparation, and guidance throughout manuscript writing including specific input in developing the initial draft as well as reviewing and providing detailed comments on multiple revisions.
60. *Heath, C. J., Grossi-Soyster, E. N., Ndenga, B. A., Mutuku, F. M., Sahoo, M. K., Ngugi, H. N., Nbakaya, J. O., Siema, P., Kitron, U., Zahiri, N. P., Hortion, J., Waggoner, J. J., King, C. H., Pinsky, B. A., & **LaBeaud, A. D.** (2020). Evidence of Transovarial Transmission of Chikungunya and Dengue Viruses in Field-caught Mosquitoes in Kenya. *PLoS Neglected Tropical Diseases*, 14(6), doi: 10.1371/journal.pntd.0008362.
61. *Martin, S. A., Mutuku, F., Sessions, J., Lee, J., Mukoko, D., Malhotra, I., King, C. H., & **LaBeaud, A. D.** (2020). Factors associated with early childhood stunted growth in a 2012-2015 birth cohort monitored in the rural Msambweni area of coastal Kenya: A cross-sectional study. *BMC Pediatrics*, 20, 208. doi: 10.1186/s12887-020-02110-z
62. Gikunju, S. W., Agola, E. L., Ondondo, R. O., Kinyua, J. K., Kimani, F., **LaBeaud, A. D.**, Malhotra, I., King, C. H., Thiong'o, K., & Mutuku, F. (2020). Prevalence of pfdhfr and pfdhps mutations in Plasmodium falciparum associated with drug resistance among pregnant women receiving IPTp-SP at Msambweni County Referral Hospital, Kwale County, Kenya. *Malaria Journal*, 19(1), 190. <https://doi.org/10.1186/s12936-020-03263-z>. *I was one of three PIs for Gates research that provided a portion of data for this secondary analysis study. I participated extensively in design and collection of participant clinical data and sample collection and helped write manuscript.
63. *Forsyth, J. E., Mutuku, F. M., Kibe, L., Mwashee, L., Bongo, J., Egemba, C., Ardoin, N. M., & **LaBeaud, A. D.** (2020). Source reduction with a purpose: Mosquito ecology and community perspectives offer insights for improving household mosquito management in coastal Kenya. *PLoS Neglected Tropical Diseases*, 14(5). May 2020. doi.org/10.1371/journal.pntd.0008239
64. Grossi-Soyster, E. N., & **LaBeaud, A. D.** (2020). Rift Valley Fever: Important consideration for risk mitigation and future outbreaks. *Tropical Medicine and Infectious Disease*, 5(2), 89. <https://doi.org/10.3390/tropicalmed5020089>.
65. Stoffel, N. U., Uyoga, M. A., Mutuku, F. M., Frost, J. N., Mwasi, E., Paganini, D., van der Klis, F. R. M., Malhotra, I. J., **LaBeaud, A. D.**, Ricci, C., Karanja, S.,

- Drakesmith, H., King, C. H., & Zimmermann, M. B. (2020). Iron deficiency anemia at time of vaccination predicts decreased vaccine response and iron supplementation at time of vaccination increases humoral vaccine response: A birth cohort study and a randomized trial follow-up in Kenyan infants. *Frontiers in Immunology*, *11*, 1313 doi: 10.3389/fimmu.2020.01313. **I was one of three PIs for Gates research that provided a portion of data for this secondary analysis study. I participated extensively in design and collection of participant clinical data and sample collection and helped write manuscript.*
66. *Hooft A. M., Ndenga, B., Mutuku, F., Otuka, V., Ronga, C., Chebii, P. K., Maina, P. W., Jembe, Z., Lee, J., Vu, D. M., Mukoko, D., & **LaBeaud AD.** (2020). High frequency of antibiotic prescription in children with undifferentiated febrile illness in Kenya. *Clinical Infectious Diseases*. ciaa1305. Online ahead of print. PMID: 32882032) <https://doi.org/10.1093/cid/ciaa1305>
67. Mordecai, E. A., Ryan, S. J., Caldwell, J., Shah, M. M., & **LaBeaud, A. D.** (2020). Climate change could shift disease burden from malaria to arboviruses in Africa. *Lancet Planetary Health*, *4*(9), e416-e423. doi: 10.1016/S2542-5196(20)30178-9
68. Waechter, R., Ingraham, E., Evans, R., Cudjoe, N., Krystosik, A., Isaac, R., Watts, A., Noël, T. P., Landon, B., Fernandes, M., Mapp-Alexander, V., Suresh, P., Mitchell, G., Macpherson, C., Gérardin, P., & **LaBeaud, A. D.** (2020). Pre- and post-natal exposure to chikungunya virus does not affect child neurodevelopmental outcomes at two years of age. *PLoS Negl Trop Dis.*, *14*(10) <https://doi.org/10.1371/journal.pntd.0008546>.
69. Stoffella-Dutra, A. G., Silva de Oliveira J., Barbosa Costa, G., Geessien Kroon, E., Santos Abrahao, J., **LaBeaud, A. D.**, Paiva Drumond, B., Bretas de Oliveira, D., de Souza Trindade, G. (2020). Absence of YF-neutralizing antibodies in vulnerable populations of Brazil: A warning for epidemiological surveillance and the potential risks for future outbreaks. *Vaccine*, *38*(42):6592-6599. doi: 10.1016/j.vaccine.2020.07.077. **As part of a multidisciplinary yellow fever virus team, I participated in the design of this study and the extensive editing of this manuscript.*
70. *Ngugi, H., Nyathi, S., Krystosik, A., Ndenga, B. A., Mbakaya, J., Aswani, P., Musunzaji, P, Irungu, L., Bisanzio, D., Kitron, U., **LaBeaud, D. A.**, & Mutuku, F. M. (2020). Risk Factors for *Aedes aegypti* household pupal persistence in longitudinal entomological household surveys in urban and rural Kenya. *Parasites & Vectors*, *13*, 499 <https://doi.org/10.1186/s13071-020-04378-7>

71. *Shah, M. M., Ndenga, B. A., Mutuku, F., Vu, D., Grossi-Soyster, E., Okuta, V., Ronga, C., Chebii, P. K., Maina, P., Jembe, Z., Bosire, C., Amugongo, J., Sahoo, M. K., Huang, C. H., Weber, J., Edgerton S., Hortion, J., Bennett, S., Pinsky, B., & **LaBeaud, A. D.** (2020). High dengue burden and circulation of 4 virus serotypes among children with undifferentiated fever in Kenya, 2014-2017. *Emerging Infectious Diseases*, *26*(11), 2638-50. <https://dx.doi.org/10.3201/eid2611.200960>
72. Zika Virus Individual Participant Data Consortium. (2020). The Zika Virus Individual Participant Data Consortium: a global initiative to estimate the effects of exposure to Zika virus during pregnancy on adverse fetal, infant, and child health outcomes. *Tropical Medicine and Infectious Disease*, *5*(4):152 doi: 10.3390/tropicalmed5040152. *As part of a worldwide WHO ZIKV working group, I participated in the rationale, design and editing of this manuscript.
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74. Blackmon, K., Waechter, W., Landon, B., Noël, T., Macpherson, C., Donald, T., Cudjoe, N., Evans, R., Burgen, K. S., Jayatilake, P., Oyegunle, V., Pedraza, O., Abdel Baki, S. G., Thesen, T., Dlugos, D., Chari, G., Patel, A. A., Grossi-Soyster, E. N., Krystosik, A. R., & **LaBeaud, A. D.** (2020). Epilepsy surveillance in normocephalic children with and without prenatal Zika virus exposure. *PLoS Neglected Tropical Diseases*, *14* (11). <https://doi.org/10.1371/journal.pntd.0008874>
75. Jayatilake, P., Oyegunle, V., Waechter, R., Landon, B., Fernandes, M., Cudjoe, N., Evans, R., Noël, T., Macpherson, C., Donald, T., Abdelbaki, S. G., Mandalaneni, K., Dlugos, D., Chari, G., Patel, A. A., Grossi-Soyster, E. N., **LaBeaud, A. D.**, & Blackmon, K. (2020). Focal epilepsy features in a child with congenital zika syndrome. *Epilepsy & Behavior Reports*. Available online. <https://doi.org/10.1016/j.ebr.2020.100411>*As part of a multidisciplinary ZIKV team and as PI of the grant that enabled this research, I participated in the design of this study and the extensive editing of this manuscript.
76. *Foeller M. E., Nosrat C., Krystosik A., Noël T., Gérardin P., Cudjoe N., Mapp-Alexander V., Mitchell G., Macpherson C., Waechter R., & **LaBeaud**

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78. *Caldwell, J. M., **LaBeaud, A. D.**, Lambin, E. F., Stewart-Ibarra, A. M., Ndenga, B., Mutuku, F., Krystosik, A., Ayala, E. B., Anyamba, A., Borbor-Cordova, M. J., Damoah, R., Grossi-Soyster, E. N., Heras, F. H., Mejin, R., Ngugi, H. N., Ryan, S. J., Shah, M. M., Sippy, R., Suner, G., & Mordecai, E. A. (2021). Climate explains geographic and temporal variation in mosquito-borne disease dynamics on two continents. *Nature Communications*, 12(1), 1233. *As co-mentor to Jamie Caldwell and co-PI of this project, I provided essential contributions and guidance throughout the design, execution and analysis of this research and manuscript writing including specific input in developing the initial draft as well as reviewing and providing detailed comments on multiple revisions.
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- (14) DOI 10.1073/pnas.2025642118 *As PI of the projects that supported sample collection and testing in Kenya, I participated in the design of this study and the editing of this manuscript.
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91. *Rezende, I. M., Oliveira, G. F., Costa T. A., Khan, A., Pereira, L. S., Santos, T. A., Alves, P. A. Calzavara-Silva, C. E., Martins-Filho, O. A., Teixeira-Carvalho, A., **LaBeaud, A. D.**, Drumond, B. P. (2022). Yellow Fever Molecular Diagnosis Using Urine Specimens during Acute and Convalescent Phases of the Disease. *Journal of Clinical Microbiology*. DOI: <https://doi.org/10.1128/jcm.00254-22> **As co-mentor to Izabella Rezende and co-PI of this project, I provided essential contributions and guidance throughout the design, execution and analysis of this research and manuscript writing including specific input in developing the initial draft as well as reviewing and providing detailed comments on multiple revisions.*
92. Jung, Y. S., Sampath, V., Prunicki, M., Aguilera, J., Allen, H., LaBeaud, D., Veidis, E., Barry, M., Erny, B., Patel, L., Akdis, C., Akdis, M., Nadeau, K. (2022). Characterization and regulation of microplastic 1 pollution for protecting planetary and human health. *Environmental Pollution*. In Print

Peer-reviewed Publications Other

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2. **LaBeaud, A. D.** (2008). Why arboviruses can be neglected tropical diseases. *PLoS Negl Trop Dis.*, 2, e247. PMCID: PMC2427179.
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4. *Lancioni, C., **LaBeaud, A. D.**, Esper, F., Abughali, N., & Auletta, J. (2009). Pulmonary tuberculosis presenting as fever without source in a pediatric patient with acute lymphoblastic leukemia. *Pediatr Blood Cancer*, 53, 1318-20. **Mentored Chris Lancioni, my pediatric infectious diseases fellow. Participated extensively in care of the patient and mentored the fellow in this report. Helped write manuscript.*
5. **LaBeaud, A. D.**, Kazura, J. W., King, C. H. (2010). Advances in Rift Valley fever research: insights for disease prevention. *Curr Opin Infect Dis.*, 23, 403-8. NIHMSID: 299804.

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12. Faburay, B., **LaBeaud, A. D.**, McVey, D. S., Wilson, W. C., Richt, J. A. (2017). Current status of Rift Valley fever vaccine development. *Vaccines* (Basel). *5*(3), pii: E29. doi: 10.3390/vaccines5030029. **Participated in study concept; RVFV clinical and epidemiologic content expert. Helped write manuscript.*
13. Blitvich, B. J., Beaty, B. J., Blair, C. D., Brault, A. C., Dobler, G., Drebot, M. A., Haddow, A. D., Kramer, L. D., **LaBeaud, A. D.**, Monath, T. P., Mossel, E. C., Plante, K., Powers, A. M., Tesh, R. B., Turell, M. J., Vasilakis, N., & Weaver, S. C. (2018). Bunyavirus taxonomy: Limitations and misconceptions associated with the current ICTV criteria used for species demarcation. *Am J Trop Med Hyg*, *99*(1), 11-16. doi: 10.4269/ajtmh.18-0038. **As chair of ACAV, I promoted the idea for this editorial and encouraged Brad to draft it. Helped write and edit manuscript.*
14. Calisher, C. H., Briese, T., Brister, J. R., Charrel, R. N., Dürrwald, R., Ebihara, H., Fulhorst, C. F., Fú Gão, G., Groschup, M. H., Haddow, A. D., Hyndman, T. H., Junglen, S., Klempa, B., Klingström, J., Kropinski, A. M., Krupovic M, **LaBeaud, A. D.**, Maes P, Nowotny N, ... Kuhn, J. H. (2018). Strengthening the interaction of the virology community with the International Committee on Taxonomy of Viruses (ICTV) by linking virus names and their abbreviations to virus species. *Syst Biol*, doi: 10.1093/sysbio/syy087. **As chair of ACAV, I promoted the idea for this editorial and encouraged Charlie to draft it. Helped write and edit manuscript.*
15. Pezzi, L., Reusken, C. B., Weaver, S. C., Drexler, J. F., Busch, M., **LaBeaud, D.**,

- Diamond, M. S., Vasilakis, N., Drebot, M. A., Siqueira, A. M., Ribeiro, G. S., Kohl, A., Lecuit, M., Ng, L., Gallian, P., de Lamballerie, X., & GloPID-R Chikungunya, O'nyong-nyong and Mayaro virus Working Group (2019). GloPID-R report on Chikungunya, O'nyong-nyong and Mayaro virus, part I: Biological diagnostics. *Antiviral Research*, 166, 66-81.
<https://doi.org/10.1016/j.antiviral.2019.03.009> *This is the first paper from a large Alphavirus working group. I contributed to the idea and writing of this manuscript.
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<https://doi.org/10.1016/j.antiviral.2019.104611>. *As a member of the GloPID-R chikungunya, o'nyong-nyong and Mayaro virus Working Group, much of my research was reviewed and used in the review and I helped to guide the message and helped write and edit the manuscript.
18. Pezzi, L., Rodriguez-Morales, A. J., Reusken, C. B., Ribeiro, G. S., **LaBeaud, A. D.**, Lourenço-de-Oliveira, R., Brasil, P., Lecuit, M., Failloux, A. B., Gallian, P., Jaenisch, T., Simon, F., Siqueira, A. M., Rosa-Freitas, M. G., Vega Rúa, A., Weaver, S. C., Drexler, J. F., Vasilakis, N., de Lamballerie, X. & GloPID-R chikungunya, o'nyong-nyong and Mayaro virus Working Group (2019). [GloPID-R report on chikungunya, o'nyong-nyong and Mayaro virus, part 3: Epidemiological distribution of Mayaro virus.](https://doi.org/10.1016/j.antiviral.2019.104610) *Antiviral Research*, 172, 104610. <https://doi.org/10.1016/j.antiviral.2019.104610>. Review. PMID: 31545981. *As a member of the GloPID-R chikungunya, o'nyong-nyong and Mayaro virus Working Group, much of my research was reviewed and used in the review and I helped to guide the message and helped write and edit the manuscript.
19. *Ahmed, A., Dietrich, I., LaBeaud, A. D., Lindsay, S. W., Musa, A., & Weaver, S. C. (2020). Risks and challenges of arboviral diseases in Sudan: The urgent need for actions. *Viruses*, 12(1), 81;
<https://doi.org/10.3390/v12010081>. *As co-mentor to Ayman Ahmed, I provided essential contributions and guidance throughout manuscript writing including specific input in developing the initial draft as well as reviewing and providing detailed comments on multiple revisions.

20. Silva, N. I. O., Sacchetto, L., de Rezende, I. M., de Souza Trindade, G., **LaBeaud, A. D.**, de Thoisy, B., & Drumond, B. P. (2020). Recent sylvatic yellow fever virus transmission in Brazil: the news from an old disease. *Virology Journal*, 17, 9 <https://doi.org/10.1186/s12985-019-1277-7>.
* I provided essential contributions and guidance throughout manuscript writing including specific input in developing the initial draft as well as reviewing and providing detailed comments on multiple revisions.
21. Monath, T. P., Kortekaas, J., Watts, D. M., Christofferson, R. C., **LaBeaud, A. D.**, Gowen, B., Peters, C. J., Smith, D. R., Swanepoel, R., Morrill, J. C., Ksiazek, T. G., Pittman, P. R., Bird, B. H., & Bettinger, G. (2020). Theoretical risk of genetic reassortment should not impede development of live, attenuated Rift Valley fever (RVF) vaccines commentary on the draft WHO RVF Target Product Profile. *Vaccine: X*, 5, 100060. <https://doi.org/10.1016/j.jvacx.2020.100060>. * This is a response to the WHO on its Target Product Profiles (TPPs) for veterinary and human vaccines against Rift Valley Fever virus (RVFV) from a group of RVFV experts.
22. Elduma, A. H., **LaBeaud, A. D.**, Plante, J. A., Plante, K. S., & Ahmed, A. (2020). High seroprevalence of dengue virus infection in Sudan: A systematic review and meta-analysis. *Tropical Medicine and Infectious Disease*, 5(3): 120. <https://doi.org/10.3390/tropicalmed5030120>. *As co-mentor to Ayman Ahmed (senior author), I provided essential contributions and guidance throughout manuscript writing including specific input in developing the initial draft as well as reviewing and providing detailed comments on multiple revisions.
23. William, K. M., Wilson, P. T., Silva-Palacios, F., Kebbe, J., **LaBeaud, A. D.**, Agudelo, H. N., Sidonio, R. F., Stowell, S. R., Josephson, C., Beth, A. T., Holter, C. J., & Agwu, A. L. (2021). COVID-19 Cliff Notes-A COVID-19 multi-disciplinary care compendium. Transplantation and Cellular Therapy. 2021 Available online. <https://doi.org/10.1016/j.jtct.2021.02.036>. *As part of a multidisciplinary team, I participated in the design of this study and the extensive editing of this manuscript.
24. Veidis, E; **LaBeaud, A D**; Phillips, A; Barry, M. (2021). Tackling the ubiquity of plastic waste for human and planetary health. *American Journal of Tropical Medicine and Hygiene (AJTMH)*. Volume 106: Issue 1, 12-14. DOI: <https://doi.org/10.4269/ajtmh.21-0968> *As part of a multidisciplinary team, I participated in the concept of this perspective piece and the extensive editing of this manuscript.
25. Gerken, K. N., **LaBeaud, A. D.**, Mandi, H., Jackson, M. L., Breugelmans, J. G., King, C. H. (2022). Paving the way for human vaccination against Rift

- Valley fever virus: A systematic literature review of RVFV epidemiology from 1999 to 2021. *PLOS Neglected Tropical Diseases*.
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 29. Jain, N., **LaBeaud, A.D.** (2022). How should US health care lead global change in plastic waste disposal? *AMA J Ethics*. 24(10):E980-985. doi: 10.1001/amajethics.2022.980.

Book Chapters

1. **LaBeaud, A. D.**, Toltzis, P. (2009). The Immunocompromised patient. In H. Kirpalani, L. H. Huang, & M. J. Michenko (eds.), *Manual of Pediatric Intensive Care*, PHMP/BC Decker.
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5. **LaBeaud, A. D.**, *Shah, M., & Weaver, S. C. (2017). Equine Encephalitis. *Hunter's Tropical Diseases*, (10th edition). WB Saunders.

6. *Vu, D. M, Jungkind, D., & **LaBeaud, A. D.** (2017). Chikungunya Virus. *Clinics in Laboratory Medicine*, 37(2), 371–382. Published online: March 27. doi: 10.1016/j.cll.2017.01.008
7. *McKittrick, N., & **LaBeaud, A. D.** Fever in the returned traveler. In S. S. Shah, A. J. Ratner, & A. R. Kemper, (Eds.), *Pediatric Infectious Diseases: Essentials for Practice*, (2nd Edition). McGraw-Hill, 2018. (pp.617-625).
8. *Shah, M. M., Weaver, S. C., & **LaBeaud, A. D.** (2020). Venezuelan, Eastern, and Western Equine Encephalitis. In: Hunter's Tropical Medicine and Emerging Infectious Diseases, (10th ed.) (pp. 392) Elsevier.
9. *Vu, D., & **LaBeaud, A. D.** (2021). Chikungunya, dengue, Zika and other emerging mosquito-borne viruses. In: Weatherhead, J. E. (eds) Neglected Tropical Diseases-North America Neglected Tropical Diseases. Springer, Cham. https://doi.org/10.1007/978-3-030-63384-4_9

Multimedia

1. Hotez, P. J., John, C. J., & **LaBeaud, A. D.** (2012). Parasites and other unwanted Souvenirs. In PREP Audio, June, Volume 7, No. 6.
2. **LaBeaud, A. D.** Zika virus infection: An overview. UpToDate, Inc. 2016, 2017, 2018, 2019, 2020, ongoing yearly. Monthly updates.
3. **LaBeaud, A. D.**, & Grossi-Soyster, E. N., (2016). Rift Valley fever. BMJ Best Practice. Sept. <http://bestpractice.bmj.com/best-practice/monograph/1602.html>. Last accessed October 6, 2016.
4. Grossi-Soyster, E. N., & **LaBeaud, A. D.** (2017). Risk of widespread outbreak of Rift Valley fever linked to livestock trade. BMJ Blogs, April
5. Grossi-Soyster, E. N., & **LaBeaud, A. D.** (2017). Rift Valley fever virus: Future emergence and the impact on one health. The Biochemist Magazine. June 1, 2017.
6. Veidis, E., Hansen, J. (2022). There's good reason to worry about the health risks of plastics. In The Washington Post April 2, 2022. <https://www.washingtonpost.com/health/2022/04/02/plastic-pollution-health-poverty/>
7. **LaBeaud, A. D.** (2022). Effects of plastics on human health. In The Future of Everything Podcast. Hosted by with Russ Altman, Stanford University, School of Engineering.

PEER REVIEWED PLATFORM PRESENTATIONS

1. "CCL3, CCL5, IL15, IL1Ra, and VEGF are useful biomarkers to discriminate classes of adverse events following 17DD YF primary vaccination according to cause specific definitions" American Society of Tropical

- Medicine and Hygiene (ASTMH) Annual Meeting, October 2022, Seattle, WA
2. "Diversity, Evolution and Phylogeography of DENV-I - IV viruses in Kenya" American Society of Tropical Medicine and Hygiene (ASTMH) Annual Meeting, October 2022, Seattle, WA
 3. "Interpretation of symptoms and exam findings by human or machine to detect dengue virus in Kenyan clinics" American Society of Tropical Medicine and Hygiene (ASTMH) Annual Meeting, October 2022, Seattle, WA
 4. "Sofosbuvir off label treatment of yellow fever patients during an outbreak in Brazil, 2018" American Society of Tropical Medicine and Hygiene (ASTMH) Annual Meeting, October 2022, Seattle, WA
 5. "Zoonotic and Arbo-viruses-Model Systems for the One Health Research and Response" American Society of Tropical Medicine and Hygiene (ASTMH) Annual Meeting, October 2022, Seattle, WA
 6. "Differences in exposure to Dengue and Chikungunya Viruses and associated risk factors in Western and Coastal Kenya" American Society of Tropical Medicine and Hygiene (ASTMH) Annual Meeting, October 2022, Seattle, WA
 7. "The burden of asymptomatic dengue infection at two urban sites in Kenya" American Society of Tropical Medicine and Hygiene (ASTMH) Annual Meeting, October 2022, Seattle, WA
 8. "Urban Rift Valley Fever Virus as a New Ecological Niche: Introduction from Animal Products" American Society of Tropical Medicine and Hygiene (ASTMH) Annual Meeting, October 2022, Seattle, WA
 9. "Urban Rift Valley Fever Virus As a New Ecological Niche: Continuous Introduction From Animal Products?", 6th International Symposium of Veterinary Epidemiology and Economics, August 2022, Halifax, Canada
 10. "Spatiotemporal overlapping of dengue, chikungunya, and malaria infections in children in Kenya," Stanford Center for Innovation in Global Health Research Convening, April 2022, Stanford, CA

11. "Risk-stratifying yellow fever patients at the time of admission" American Society of Tropical Medicine and Hygiene (ASTMH) Annual Meeting, November 2021, Virtual Conference. **Invited to co-chair session*
12. "Dietary intake and pneumococcal vaccine response among children (5-7 years) in Msambweni division, Kwale County, Kenya" American Society of Tropical Medicine and Hygiene (ASTMH) Annual Meeting, November 2021, Virtual Conference.
13. "Describing predictor risk factors for Late-Relapsing Hepatitis after Yellow Fever" American Society of Tropical Medicine and Hygiene (ASTMH) Annual Meeting, November 2021, Virtual Conference. **Invited to co-chair session*
14. "Risk factors associated with chikungunya and dengue exposure among children in coastal and western Kenya," American Society of Tropical Medicine and Hygiene (ASTMH) Annual Meeting, November 2020, Virtual Conference. **Invited to co-chair session*
15. "Comprehensive Immune Profiling of Chikungunya and Dengue Viral Responses using a Novel Miniaturized Automated Whole Blood Cellular Analysis System and Mass Cytometry (CyTOF) in a Pediatric Cohort in Msambweni, Kenya," American Society of Tropical Medicine and Hygiene Annual Meeting (ASTMH), November 2020, Virtual Conference. **Invited to co-chair session*
16. "Trans-ovarial transmission of chikungunya and dengue viruses in Kenya," International Society for Neglected Tropical Diseases Bites 2020 Conference, July 30, 2020, Virtual oral presentation due to COVID-19 pandemic.
17. "The relationship between chikungunya and dengue viruses and CD55" American Society for Virology Abstract Accepted as Flash Talk + Poster Presentation (39th Annual Meeting, June 13-17, 2020 at Colorado State University in Fort Collins, Colorado canceled due to COVID-19 pandemic).
18. "Using complex data and deep learning to predict Rift Valley fever outbreaks," Stanford Center for Innovation in Global Health Research Convening, January 2019, Stanford, CA

19. "Unrecognized Dengue and Chikungunya Human Transmission in Western and Coastal Kenya" Stanford Center for Innovation in Global Health Research Convening, January 2019, Stanford, CA
20. "Got milk? defining the link between milk and Rift Valley Fever," American Society of Tropical Medicine and Hygiene Annual Meeting (ASTMH), October 2018, New Orleans, LA
21. "Larval source reduction with a purpose: designing and evaluating a school and community intervention in coastal Kenya," ASTMH Annual Meeting, October 2018, New Orleans, LA
22. "Making Pastoralists Count: Health Surveillance of a Nomadic Population Using a Geospatially Derived Sampling Frame," ASTMH Annual Meeting, October 2018, New Orleans, LA
23. "Impaired Expressive Language in 24-month-old Infants Exposed to the Chikungunya Virus in Early Childhood," ASTMH Annual Meeting, October 2018, New Orleans, LA
24. "Pupal productivity of larval habitats of *Aedes aegypti* in Msambweni, Kwale County Kenya," 5th Pan African Mosquito Control Association Annual Conference, September 2018, Victoria Falls, Zimbabwe
25. "Congenital Zika Syndrome: Assessing the Fatality Rate Since the 2015 Zika Outbreak," - Infectious Diseases Society of America, IDWEEK 2018, October 2018, San Francisco, CA
26. "Perinatal Case Fatality Rate Related to Congenital Zika Syndrome in Brazil: A Cross-Sectional Study, IDWEEK 2017, October 2017, San Diego, CA
27. "Perinatal Case Fatality Rate Related to Congenital Zika Syndrome in Brazil: A Cross-Sectional Study," 70th Annual Meeting of the American Academy of Neurology, April 2018, Los Angeles, CA
28. "Chikungunya Infection during Gestation: Impact on Pregnancy and Neonatal Outcomes," Stanford Global Health Convening, January 2018, Stanford, CA

29. "Predictive Modeling of Mosquito Abundance and Dengue Transmission in Kenya," American Geophysical Union Fall Meeting, December 2017, New Orleans, LA
30. "Chikungunya Infection During Gestation: Impact on Pregnancy and Neonatal Outcomes," American Society of Tropical Medicine and Hygiene (ASTMH) Meeting, November 2017, Baltimore, MD
31. "Cord Blood Anti-Parasite IL-10 as Risk Marker for Compromised Vaccine Immunogenicity in Early Childhood," ASTMH Meeting, November 2017, Baltimore, MD
32. "Contributing Factors for Anemia in Young Children in Coastal Kenya," ASTMH Meeting, November 2017, Baltimore, MD
33. "Perinatal Case Fatality Rate Related to Congenital Zika Syndrome in Brazil: A Cross-Sectional Study," IDWeek 2017, October 2017, San Diego, CA
34. "The Latest Radiological Findings and Neurological Disorders in Microcephaly Cases Related to Zika Virus: A Cohort Study", Congress of Neurological Surgeons, October 2017, Boston, MA
35. "Mortality in Newborns with Microcephaly due to Maternal Zika Virus Infection in Rio Grande Do Norte State- Northeast Brazil: A Cross-Sectional Study", American Academy of Neurology 69th Annual Meeting, April 2017, Boston, MA
36. "Effect of Prenatal Exposure to Schistosomiasis and Co-infections with Schistosomiasis on Fetal Immune Responses," ASTMH Meeting, November 2016
37. "Maternal Parasitic Infections Alter Infant Antibody Response to Pneumococcal Immunization," ASTMH Meeting, November 2016, Atlanta, GA
38. "Parasitic Infections in Pregnancy Decreases Perinatal Transfer of Pneumococcal Antibodies", IDWEEK, October 2016, New Orleans, LA

39. "Mortality in Newborns with Microcephaly due to Maternal Zika Virus Infection in Rio Grande Do Norte State- Northeast Brazil: A Cross-Sectional Analysis", IDWEEK, October 2016, New Orleans, LA
40. "Discrepancies Between Test Results, Diagnosis, and Treatment of Febrile Illness in Kenyan Children", ASTMH Meeting, October 2015, Philadelphia, PA
41. "Maternal Parasitic Infections During Pregnancy and Specific Anti-parasite Cytokine Responses in Cord Blood Are Associated With Impaired Vaccine Efficacy in Kenyan Infants", ASTMH Meeting, October 2015
42. "Comparison of Rift Valley Fever Virus Prevalence Among Community Members and Slaughterhouse Workers in Western Kenya", ASTMH Meeting, October 2015 **Invited to co-chair session*
43. "Evidence of Transmission of Dengue and Chikungunya Viruses in Coastal Kenya", 2nd Ministry of Health Conference Seminar, Diani, Kenya, October 2015
44. "Characterization of Larval Habitats of *Aedes Aegypti* in the Southern Coast of Kenya", 2nd Pan African Mosquito Control Association (PAMCA) Conference, Dar es Salaam, Tanzania, October 2015
45. "Human Landing Periodicity of *Aedes Aegypti* in Coastal Kenya", 2nd Pan African Mosquito Control Association (PAMCA) Conference, Dar es Salaam, Tanzania, October 2015
46. "Sampling of *Aedes Aegypti* in Urban and Rural Areas within Coastal and Western Kenya Sites", 2nd Pan African Mosquito Control Association (PAMCA) Conference, Dar es Salaam, Tanzania, October 2015
47. "Recurrence Patterns of Asymptomatic Malaria in Children from a Malaria Endemic Area of South Coastal Kenya", 2nd Pan African Mosquito Control Association (PAMCA) Conference, Dar es Salaam, Tanzania, October 2015
48. "High Rates of O'nyong Nyong and Chikungunya Virus Transmission in Coastal Kenya", American Society of Tropical Medicine & Hygiene (ASTMH) Meeting, November 2014. **Invited to co-chair session*

49. "Helminth Infections During Pregnancy is Associated with Impaired Vaccine Efficacy in Kenyan Infants", ASTMH Meeting, November 2014.
**Invited to co-chair session*
50. "Flavivirus Exposure in Northeastern Kenya", ASTMH Meeting, November 2014.
51. "Large Burden of Dengue and West Nile Virus Transmission In Coastal Kenya", ASTMH Meeting, November 2014.
52. "Exposures to Chikungunya and Dengue Viruses in Two Coastal and Western Kenyan Sites", 1st Pan African Mosquito Control Association (PAMCA) Conference, Nairobi, Kenya, October 2014
53. "Alphavirus Prevalence in Coastal Kenya: O'Nyong Nyong and Chikungunya Are Common", American Society of Virology (ASV) Meeting, June 2014 **Invited to convene session*
54. "Effects of Early Parasitic Infections on Child Growth in Coastal Kenya", ASTMH Meeting, November 2013 **Invited to co-chair session*
55. "Exposure Factors and Disease Symptoms of Human Rift Valley Fever in Sangailu, Kenya", ASTMH Meeting, November 2013 **Invited to co-chair session*
56. "Schistosomiasis During Pregnancy is Associated with Impaired Vaccine Efficacy in Kenyan infants", ASTMH Meeting, November 2013 **Invited to co-chair session*
57. "Innate Immune Gene Polymorphisms Are Associated with Human Rift Valley Fever Disease", ASTMH Meeting, November 2012
58. "Parasitism in Children Aged 3 years and Under: Effects on Growth and Vaccine Response in Rural Coastal Kenya", International Conference on Emerging Infectious Diseases, March 2012
59. "Parasitism in Children Aged 3 years and Under: Effects on Growth and Vaccine Response in Rural Coastal Kenya", ASTMH Meeting, December 2011

60. "Effects of Antenatal Maternal Parasitic Treatment on Infant Antibody Response to H. Influenza Type B (Hib) Vaccination in a Mother-Child Cohort in Coast Province, Kenya", ASTMH Meeting, December 2011
61. "Rift Valley Fever Virus Infection in African Buffalo (*Syncerus caffer*) Herds in Rural South Africa--Evidence of Inter-Epizootic Transmission", ASTMH Meeting, December 2008.
62. "Late Outcomes of Rift Valley Fever in Kenya", ASTMH Meeting, November 2006.
63. "Transmission of Rift Valley Fever in Kenya: Retrospective Survey", ASTMH Meeting, December 2005.

PEER REVIEWED POSTER PRESENTATIONS (2010-PRESENT)

1. "No Increased Risk of Cognitive Delay at 3 in Children with Prenatal Zika Virus Exposure" Stanford Maternal and Child Health Research Institute Symposium, October 2022, Stanford, CA
2. "Asymptomatic dengue virus transmission among rural and urban populations in Western and Coastal Kenya in 2016" Stanford Maternal and Child Health Research Institute Symposium, October 2022, Stanford, CA
3. "Human or machine? Detection of acute dengue virus infection, with and without concurrent malaria infection, at Kenyan clinics in a cohort of acutely febrile children, 2014-2019" Stanford Maternal and Child Health Research Institute Symposium, October 2022, Stanford, CA
4. "Investigating Animal-Sourced Food as a Global Risk for Urban Rift Valley Fever Disease Spread and Emergence", Stanford Center for Innovation in Global Health Research Convening, April 2022, Stanford, CA
5. "Dengue and chikungunya virus exposure among urban populations in Western and Coastal Kenya", Stanford Center for Innovation in Global Health Research Convening, April 2022, Stanford, CA

6. "Characterization of SARS-CoV-2 Variants in Individuals 0-25 Years Old at Stanford Children's Health and Stanford Healthcare in 2021," 13th Annual Pediatrics Research Retreat, April 2022, Stanford, CA
7. "Dengue and Chikungunya virus exposure among urban populations in Western and Coastal Kenya" ASTMH Annual Meeting, November 2021, Virtual Conference.
8. "Evolution and Genomic Epidemiology of Dengue Virus in Rural and Urban Communities in Kenya", ASTMH Annual Meeting, November 2021, Virtual Conference.
9. "Using mHealth SMS surveys for Active Surveillance of Febrile Illness in Kenya", ASTMH Annual Meeting, November 2021, Virtual Conference.
10. "Urine as a possible resource for Yellow Fever diagnosis", ASTMH Annual Meeting, November 2021, Virtual Conference.
11. "Abundance of *Aedes aegypti* female mosquitoes in spaces surrounding residential and non-residential structures in western and coastal Kenya", ASTMH Annual Meeting, November 2021, Virtual Conference.
12. "Seroprevalence of Rift Valley Fever virus in Urban Kenya: a Potential Public Health Burden Hiding in Plain Sight", ASTMH Annual Meeting, November 2021, Virtual Conference.
13. "Majority of Pediatric Dengue Virus infections in Kenya Do Not Meet 2009 WHO Criteria for Dengue Diagnosis", ASTMH Annual Meeting, November 2021, Virtual Conference.
14. "Spatiotemporal overlapping of dengue, chikungunya, and malaria infections in children in Kenya", ASTMH Annual Meeting, November 2021, Virtual Conference.
15. "Dengue virus infection lowered the percentage of atypical memory B cells in Kenyan children", ASTMH Annual Meeting, November 2021, Virtual Conference.
16. "Collecting trash for profit to reduce vector breeding sites in South coast Kenya", ASTMH Annual Meeting, November 2021, Virtual Conference.

17. "Risk factors associated with chikungunya and dengue seropositivity and seroconversion among children in coastal and western Kenya", Stanford Center for Innovation in Global Health Research Convening, January 2021, Stanford, CA
18. "Engaging Young People as Agents of Change: A Primary School Educational Intervention to Decrease Arboviral and Protozoal Risk in Grenada", Stanford Center for Innovation in Global Health Research Convening, January 2021, Stanford, CA
19. "Seroprevalence of Rift Valley Fever Virus in Urban Kenya: A Potential Public Health Burden Hiding in Plain Sight", Stanford Center for Innovation in Global Health Research Convening, January 2021, Stanford, CA
20. "Yellow fever in Brazil: new insights on an old disease", Stanford Center for Innovation in Global Health Research Convening, January 2021, Stanford, CA
21. "Epidemiological and clinical characterization of yellow fever outbreaks in Minas Gerais, 2017-2018", Stanford Center for Innovation in Global Health Research Convening, January 2021, Stanford, CA
22. "Measuring the global burden of chikungunya and Zika viruses: a systematic review of acute, chronic, and perinatal outcomes", Stanford Center for Innovation in Global Health Research Convening, January 2021, Stanford, CA
23. "Evolution of Dengue Virus and Disease Risk in Rural and Urban Communities in Kenya", Stanford Center for Innovation in Global Health Research Convening, January 2021, Stanford, CA
24. "Longevity of *Aedes aegypti* in open-air insectaries in Kisumu, western Kenya", ASTMH Annual Meeting, November 2020, Virtual Conference.
25. "Impact of Recent Weather Extremes on Mosquito-Borne Disease Transmission in Kenya", ASTMH Annual Meeting, November 2020, Virtual Conference.

26. "The relationship between chikungunya and dengue viruses and CD55", ASTMH Annual Meeting, November 2020, Virtual Conference.
27. "Rethinking dengue virus immunity: Delayed or no detectable seroconversion after DENV infection in children in Kenya", ASTMH Annual Meeting, November 2020, Virtual Conference.
28. "Educational Intervention Improves Source Reduction Knowledge and Attitudes in Urban Kenya", ASTMH Annual Meeting, November 2020, Virtual Conference.
29. "Aedes aegypti breeding in trash: barriers to effective trash collection, disposal and recycling in Ukunda, Kwale County Kenya", ASTMH Annual Meeting, November 2020, Virtual Conference.
30. "Aedes species breeding: Importance of Container Size and Water Refilling Frequency in Mombasa County, Kenya", ASTMH Annual Meeting, November 2020, Virtual Conference.
31. "Effect of Antenatal Parasitic Infections on Anti-polio IgG Levels in Children: A Prospective Birth Cohort Study in Kenya", ASTMH Annual Meeting, November 2020, Virtual Conference.
32. "Engaging Young People as Agents of Change: A Primary School Educational Intervention to Decrease Arboviral and Protozoal Disease Risk in Grenada", ASTMH Annual Meeting, November 2020, Virtual Conference.
33. "High dengue burden and circulation of all four serotypes among children with undifferentiated fever in Kenya", ASTMH Annual Meeting, November 2020, Virtual Conference.
34. "The relationship between chikungunya and dengue viruses and CD55", American Society for Virology 39th Annual Meeting, June 2020, Fort Collins, Colorado
35. "Epilepsy surveillance in children born during the Zika Virus outbreak in Grenada, West Indies", AES Annual Meeting, December 2019, Baltimore, MD

36. "Seroprevalence of mosquito-borne viruses among residents from different cities of Nigeria," ASTMH Annual Meeting, November 2019, National Harbor, MD
37. "Environmental and demographic risk factors for Aedes aegypti vector persistence in urban and rural Kenya," ASTMH Annual Meeting, November 2019, National Harbor, MD
38. "Engaging young people as agents of change: A school-based intervention to reduce arbovirus transmission- 1 year follow up interviews," ASTMH Annual Meeting, November 2019, National Harbor, MD
39. "Trash to Treasure: Collecting trash for profit to reduce vector breeding sites in Kwale County, Kenya," ASTMH Annual Meeting, November 2019, National Harbor, MD
40. "Chikungunya and dengue virus Seroprevalence among children in coastal and western Kenya and risk factors for exposure," ASTMH Annual Meeting, November 2019, National Harbor, MD
41. "Field test of miniaturized automated whole blood cellular analysis system to assess immunity to arboviruses in Msambweni, Kenya," ASTMH Annual Meeting, November 2019, National Harbor, MD
42. "The use of spatial video geonarratives to describe localized environmental risk patterns for arboviral transmission in urban Kenya," ASTMH Annual Meeting, November 2019, National Harbor, MD
43. "The use of spatial video geonarratives to describe localized environmental risk patterns for arboviral transmission in urban Kenya," Stanford Maternal and Child Health Research Institute Symposium, November 2019, Stanford, CA
44. "Collaborative Research Initiatives on High-Consequence Zoonotic Pathogens," Department of Defense-Defense Threat Reduction Agency, 2019 Science Program Review, September, 2019, Warsaw, Poland

45. "Phylogenetic analyses of all four dengue virus serotypes detected in western Kenya, 2014-2015," 10th Annual Stanford School of Medicine Pediatrics Research Retreat, April 2019, Stanford, CA
46. "Seroprevalence of Mosquito-borne Viruses Among Residents in Nigeria," 10th Annual Stanford School of Medicine Pediatrics Research Retreat, April 2019, Stanford, CA
47. "Got milk? Defining the link between milk and Rift Valley fever," 10th Annual Stanford School of Medicine Pediatrics Research Retreat, April 2019, Stanford, CA
48. "Circulation of all four dengue virus serotypes and chikungunya virus among febrile children in Western and Coastal Kenya from 2014-2017," 10th Annual Stanford School of Medicine Pediatrics Research Retreat, April 2019, Stanford, CA
49. "Neighborhood Violence Impacts Disease Control and surveillance: Case Study of Cali, Colombia from 2014 to 2016," 10th Annual Stanford School of Medicine Pediatrics Research Retreat, April 2019, Stanford, CA
50. "Need for real time arboviral surveillance data to prevent outbreaks. A retrospective study of Zika, chikungunya, and dengue outbreaks in Cali Colombia 2014-2016," American Society of Tropical Medicine and Hygiene Annual Meeting (ASTMH), October 2018, New Orleans, LA
51. "Building Ecology into Models to Predict Arbovirus Dynamics," ASTMH Annual Meeting, October 2018, New Orleans, LA
52. "Susceptibility of Field-collected *Aedes aegypti* to conventional insecticides in coastal Kenya," ASTMH Annual Meeting, October 2018, New Orleans, LA
53. "Early and late night human landing periodicity of *Aedes aegypti* females in urban and rural sites in Kenya," ASTMH Annual Meeting, October 2018, New Orleans, LA
54. "Pupal productivity of larval habitats of *Aedes aegypti* in Msambweni, Kwale County Kenya," ASTMH Annual Meeting, October 2018, New Orleans, LA

55. "Decreased Incidence of Dengue, Chikungunya, and Zika Infections in Children throughout Belo Horizonte, Brazil: Surprising Findings from a Pilot Project in a Referral Emergency Department in 2017," ASTMH Annual Meeting, October 2018, New Orleans, LA
56. "Arbovirus and Malaria Co-Infections among Febrile Kenyan Children," ASTMH Annual Meeting, October 2018, New Orleans, LA
57. "Chikungunya virus outbreak and malaria co-infection: impact on clinical manifestations and disease severity in the Southern Coast of Kenya," ASTMH Annual Meeting, October 2018, New Orleans, LA
58. "Zika and Dengue Virus Infections in Pregnant Mothers in Grenada," ASTMH Annual Meeting, October 2018, New Orleans, LA
59. "Using complex data and deep learning to predict Rift Valley fever outbreaks," ASTMH Annual Meeting, October 2018, New Orleans, LA
60. "Prevalence of Chikungunya and Dengue virus exposure among children in Western Kenya," ASTMH Annual Meeting, October 2018, New Orleans, LA
61. "Phylogenetic analyses of all four dengue virus serotypes detected in western Kenya, 2014-2015," ASTMH Annual Meeting, October 2018, New Orleans, LA
62. "Distribution of Dengue Cases in Kisumu City and Environs," ASTMH Annual Meeting, October 2018, New Orleans, LA
63. "Risk Factors for Malaria Positivity among Febrile Children at Four Heterogeneous Kenyan Clinics," ASTMH Annual Meeting, October 2018, New Orleans, LA
64. "Unrecognized Dengue and Chikungunya Human Transmission in Western and Coastal Kenya," ASTMH Annual Meeting, October 2018, New Orleans, LA
65. "Phylogenetic analyses of all four dengue virus serotypes detected in western Kenya," ASTMH Annual Meeting, October 2018, New Orleans, LA

66. "Congenital Zika Syndrome: Assessing the Fatality Rate Since the 2015 Zika Outbreak," IDWeek 2018, October 2018, San Francisco, CA
67. "Neurological Disorders and Radiological Findings. How Are They Related in Congenital Zika Syndrome?" IDWeek 2018, October 2018, San Francisco, CA
68. "Radiological Findings in Microcephaly Cases During 2015-2016 Zika Outbreak: A Descriptive Study," IDWeek 2018, October 2018, San Francisco, CA
69. "Cross-Reactivity Between Zika and Dengue Virus: A Cross-Sectional Analysis in Rio Grande do Norte, Brazil," IDWeek 2018, October 2018, San Francisco, CA
70. "Zika and Dengue Infections in Pregnant Women in Grenada," Annual ID retreat, May 2018, Stanford, CA
71. "Comparison of Rift Valley Fever Virus Prevalence Among Community Members and Slaughterhouse Workers in Western Kenya," Stanford One Health 2018 Symposium, May 2018, Stanford, CA
72. "A Comparison of Rapid and Standard Diagnostic Assay Efficacy for the Detection of Dengue Virus," 9th Annual Stanford School of Medicine Pediatrics Research Retreat, April 2018, Stanford, CA
73. "Dengue and Chikungunya Human Transmission in Western and Coastal Kenya: Geographic, Climactic, Vectorial, and Sociodemographic Risk Factors for Exposure and Disease," 9th Annual Stanford School of Medicine Pediatrics Research Retreat, April 2018, Stanford, CA
74. "Arboviruses Are Responsible for a Large Burden of Disease Globally," 9th Annual Stanford School of Medicine Pediatrics Research Retreat, April 2018, Stanford, CA
75. "CT Scan Findings in Microcephaly Cases During 2015-2016 Zika Outbreak: A Cohort Study", American Academy of Neurology Meeting, April 2018, LA, CA

76. "Radiological Findings and Neurological Disorders in Microcephaly Cases Related to Zika Virus: A Cohort Study", American Academy of Neurology Meeting, April 2018, LA, CA
77. "Perinatal Case Fatality Rate in Cases of Congenital Zika Syndrome: A Cross-Sectional Study, American Academy of Neurology Meeting, April 2018, LA, CA
78. "Epidemiology of Malaria Among Febrile Children in Western and Coastal Kenya," Stanford Global Health Convening, January 2018, Stanford, CA
79. "Dengue and Chikungunya Human Transmission in Western and Coastal Kenya: Geographic, Climactic, Vectorial, and Sociodemographic Risk Factors for Exposure and Disease," Stanford Global Health Convening, January 2018, Stanford, CA
80. "Impacts of Vector Abundance and Weather on Risk of Dengue and Chikungunya Incidence Across Kenya," Stanford Global Health Convening, January 2018, Stanford, CA
81. "Making Pastoralists Count: Health Surveillance of a Nomadic Population Using a Geospatially Derived Sampling Frame," Stanford Global Health Convening, January 2018, Stanford, CA
82. "Predictive modeling of mosquito abundance and dengue transmission in Kenya," Stanford Global Health Convening, January 2018, Stanford, CA
83. "A Comparison of Rapid and Standard Diagnostic Assay Efficacy for the Detection of Dengue Virus," Stanford Global Health Convening, January 2018, Stanford, CA
84. "Where Has All the Dengue Gone?: An Unexpected Drop in Arboviral Infections in Children throughout Belo Horizonte, Brazil," Stanford Global Health Convening, January 2018, Stanford, CA
85. "Differences in symptomatology of childhood dengue, chikungunya, and malaria infection in Kenya," Stanford Global Health Convening, January 2018, Stanford, CA

86. Demographic and Regional Risk Factors for Malaria-Associated Hospitalizations in Western and Coastal Kenya," Stanford Global Health Convening, January 2018, Stanford, CA
87. "Burden of Asymptomatic Malaria in Children 2-17 Years from Malaria Endemic Regions of Kenya," ASTMH Meeting, November 2017, Baltimore, MD
88. "Presence and Abundance of *Aedes Aegypti* Adult Mosquitoes in Rural and Urban Areas of Western and Coastal Kenya: A potential Risk for the Occurrence and Transmission of Arboviral Diseases," ASTMH Meeting, November 2017, Baltimore, MD
89. "Understanding the Community Context of *Aedes Aegypti* Mosquito Breeding in Coastal Kenya: Implications for Control," ASTMH Meeting, November 2017, Baltimore, MD
90. The Prevalence and Contributing Factors of Early Childhood Stunting in Rural Coastal Kenya," ASTMH Meeting, November 2017, Baltimore, MD
91. "Differences in Symptomatology of Childhood Dengue, Chikungunya and Malaria Infection in Kenya," ASTMH Meeting, November 2017, Baltimore, MD
92. "A Comparison of Rapid and Standard Diagnostic Assay Efficacy for the Detection of Dengue Virus," ASTMH Meeting, November 2017, Baltimore, MD
93. "Impacts of Vector Abundance and Weather on Risk of Dengue and Chikungunya Incidence across Kenya," ASTMH Meeting, November 2017, Baltimore, MD
94. "Demographic and Regional Risk Factors for Malaria-Associated Hospitalizations in Western and Coastal Kenya," ASTMH Meeting, November 2017, Baltimore, MD
95. "Epidemiological Profile of Children Infected with Bordetella Pertussis at Varela Santiago Children's Hospital: A Retrospective Study," IDWEEK, October 2017, San Diego, CA

96. "Congenital Neurological Disorders in Children with Microcephaly Related to Exanthematous Diseases During Pregnancy: A Cohort Study" IDWeek 2017, October 2017, San Diego, CA
97. "Modulating Immune Responses to Zika Virus Infection Through Dengue Virus Antibodies: An Epidemiological Analysis", IDWeek 2017, October 2017, San Diego, CA
98. "Epidemiological Profile of Children Infected with Bordetella Pertussis at Varela Santiago Children's Hospital: a Retrospective Study," New England Science Symposium (NESS), April 2017, Boston, MA
99. "Characterization of Larval Habitats of *Aedes Aegypti* in Kenya," American Mosquito Control Association Annual Meeting, February 2017
100. "Human-Disease Causing Arbovirus Prevalence in Kenyan Mosquitoes," American Mosquito Control Association Annual Meeting, February 2017
101. "Pneumococcal Vaccine Response in Children Previously Exposed to Parasites in Utero, in Infancy, or Mid-Childhood," ASTMH Meeting, November 2016
102. "Characterization of Larval Habitats of *Aedes Aegypti* in Kenya," ASTMH Meeting, November 2016
103. "Evaluation of the Health-Related Quality of Life of Children with Dengue and Malaria in Western Kenya," ASTMH Meeting, November 2016
104. "Plasmodium Falciparum Co-Infection Modulates Dengue Disease Severity," ASTMH Meeting, November 2016
105. "Investigating Dengue Virus Infection as a Cause of Fever in Kenyan Children," ASTMH Meeting, November 2016
106. "Is Timing of *in utero* Exposure Key in Preventing Fetal Priming?" ASTMH Meeting, November 2016
107. "Chikungunya Virus Infection is Causing Acute Febrile Illness Among Children in Kenya," ASTMH Meeting, November 2016

108. "Seroprevalence of Flaviviruses and Alphaviruses in Children in Coastal Kenya: A 2015 Snapshot," ASTMH Meeting, November 2016
109. "Comparison of Alphavirus and Flavivirus Prevalence in Western Kenya," ASTMH Meeting, November 2016
110. "Principles, Practices, and Knowledge of Providers Evaluating Children Presenting with Fever in Kenya," ASTMH Meeting, November 2016
111. "Human-Disease Causing Arbovirus Prevalence in Kenyan Mosquitoes," ASTMH Meeting, November 2016
112. "Maternal Iron Deficiency Anemia, Malaria and Soil Transmitted Helminths are a Major Risk Factor for Anemia in Early Childhood," ASTMH Meeting, November 2016
113. "Seasonal Prevalence of Alphaviruses and Flaviviruses in Children in Western Kenya," ASTMH Meeting, November 2016
114. "Evaluation of the Health-Related Quality of Life of Children with Dengue and Malaria in Western Kenya", IDSA Meeting, October 2016
115. "Identification of Factors Associated with Chronic Chikungunya Disease in Patients in Grenada, West Indies", IDSA Meeting, October 2016
116. "Maternal Parasitic Infections Alter Infant Antibody Response to Pneumococcal Immunization", IDSA Meeting, October 2016
117. "Dengue Viremia in Kenyan Children with Acute Febrile Illness", IDSA Meeting, October 2016
118. "Acute Febrile Illness Due to Dengue Virus Infections Among Children in Western Kenya," ASTMH Meeting, October 2015
119. "Evidence of Transmission of Dengue and Chikungunya Viruses in Western Kenya," ASTMH Meeting, October 2015

120. "Development of a Quantitative, Real-Time Reverse-Transcriptase PCR for O'nyong-Nyong Virus and Absence of Virus Detection Among Febrile Kenyan Children," ASTMH Meeting, October 2015
121. "Pneumococcal Vaccine Response in Mid-Childhood is not Affected by Previous Parasite Exposure in Utero or During the First 36 Months of life in Coastal Kenya," ASTMH Meeting, October 2015
122. "Chikungunya Fever in the Caribbean: Clinical Findings From Grenada," ASTMH Meeting, October 2015
123. "Streptococcus Pneumoniae Carriage Rates and Serotype Prevalence in Coastal Kenya," ASTMH Meeting, October 2015
124. "Comparison of Blood Smear with Serum Molecular Testing for the Diagnosis of Malaria Among Febrile Kenyan Children," ASTMH Meeting, October 2015
125. "High Prevalence of Flavivirus Exposure Among Pregnant Women in Mysore, India", ASTMH Meeting, November 2014.
126. "Hookworm Infection In School-Aged Kenyan Children Is Associated with Lower Physical Fitness", ASTMH Meeting, November 2014.
127. "Rift Valley Fever Seroprevalence in Coastal Kenya", ASTMH Meeting, November 2013.
128. "Dengue and Chikungunya Seroprevalence in Rural Coastal Kenya", ASTMH Meeting, November 2013.
129. "Schistosomiasis During Pregnancy is Associated with Impaired Vaccine Efficacy in Kenyan Infants", Keystone Meeting: Advancing Vaccines in the Genomics Era, October 2013.
130. "Effects of Early Parasitic Infections on Child Growth in Coastal Kenya", Infectious Diseases Society of America (IDSA), October 2013.

131. "Dengue and Chikungunya Seroprevalence in Rural Coastal Kenya", IDSA, October 2013. **Invited to participate in ID Week Global Health Poster Gallery*
132. "Exposure Factors and Disease Symptoms of Human Rift Valley Fever in Sangailu, Kenya", IDSA, October 2013.
133. "Dengue and Chikungunya Seroprevalence in Rural Coastal Kenya", National RCE Meeting, April 2013.
134. "Antenatal Malaria and Parasitic Infections are Associated with Impaired Vaccine Efficacy in Kenyan Infants", Keystone Meeting: Immunological Mechanisms of Vaccination (S3), December 2012.
135. "Dengue Virus Seroprevalence in Milani, a Rural Village in Coastal Kenya", ASTMH Meeting, November 2012.
136. "Post-Epidemic Seroprevalence of Rift Valley Fever Virus Among Somali Villages in Northeastern Kenya", ASTMH Meeting, November 2012.
137. "Antenatal Malaria Infections are Associated with Impaired Hib and Diphtheria Vaccine Immune Responses in Kenyan Children", ASTMH Meeting, November 2012.
138. "Dengue Virus Seroprevalence in Milani, a Rural Village in Coastal Kenya", Bay Area Clinical Research Symposium, November 2012.
139. "Post-Epidemic Seroprevalence of Rift Valley Fever Virus Among Somali Villages in Northeastern Kenya", International Conference on Emerging Infectious Diseases, March 2012.
140. "Autoimmune Pathogenesis of Rift Valley Fever Retinitis", International Conference on Emerging Infectious Diseases, March 2012.
141. "Rift Valley Fever Virus (RVFV) Seropositivity in Pediatric Patients: A Study of Behavioral and Environmental Causes", International Conference on Emerging Infectious Diseases, March 2012.

142. "Effects of Gastroenteritis Episodes on Maintenance of Polio Vaccine Titers in Children 3 years and Under in Rural Coastal Kenya", International Conference on Emerging Infectious Diseases, March 2012.
143. "Autoimmune Pathogenesis of Rift Valley Fever Retinitis", ASTMH Meeting, December 2011.
144. "Rift Valley Fever Virus (RVFV) Seropositivity in Pediatric Patients: A Study of Behavioral and Environmental Causes", ASTMH Meeting, December 2011.
145. "Human Cellular Responses to Rift Valley Fever Virus", ASTMH Meeting, December 2011.
146. "Effects of Gastroenteritis Episodes on Maintenance of Polio Vaccine Titers in Children 3 years and Under in Rural Coastal Kenya", ASTMH Meeting, December 2011.
147. "Alphavirus Infection Among Pediatric Endemic Burkitt's Lymphoma in Kenya", ASTMH Meeting, December 2011.
148. "The Impact of Maternal Antenatal Tetanus Vaccination on the Immunogenicity of the Conjugated Tetanus-Haemophilus Influenza Type B Vaccine in Infants in Coastal Kenya", ASTMH Meeting, December 2011.
149. "Antenatal Malaria and Helminth Infections are Associated with Impaired Vaccine Efficacy in Kenya", ASTMH Meeting, December 2011.
150. "Autoimmune Pathogenesis of Rift Valley Fever Retinitis", Bay Area Clinical Research Symposium, November 2011.
151. "Rift Valley Fever Virus (RVFV) Seropositivity in Pediatric Patients: A Study of Behavioral and Environmental Causes", Bay Area Clinical Research Symposium, November 2011.
152. "Predictors of Outcome Among Children Hospitalized with Encephalitis", IDSA, October 2011.
153. "Detection of Flavivirus Antibodies in High-Risk Populations: Comparison of Multiplex IFA with Standard ELISA Methods in Two

- Regions of Kenya”, Pediatric Academic Societies Annual Meeting, May 2011.
154. “Comparison of Moderate and Severe Hospitalized Pediatric 2009 H1N1 Influenza Cases”, Pediatric Academic Societies Annual Meeting, May 2011.
155. “Direct Human-Animal Interactions Pose Increased Risk of Rift Valley Fever Transmission in Kenya. ”, 13th Annual Northern California Global Health Conference, UC Davis, April 2011.
156. “Serological Evidence of Arboviral Infections Among Humans in Kenya”, ASTMH Meeting, November 2010.
157. “Planning for Rift Valley Fever Virus: Use of GIS to Estimate the Human Health Threat of White-Tailed Deer (*Odocoileus virginianus*)-Related Transmission”, ASTMH Meeting, November 2010.
158. “High Seroprevalence of Arboviral Infections Among Kenyans”, IDSA, October 2010.
159. “High Seroprevalence of Arboviral Infections Among Kenyans”, Global Health Council Meeting, June 2010.

TEACHING/MENTORING ACTIVITIES

High School Students **Anika Sharma** 5/2014-9/2014 and 5/2016-9/2016, **Paras Shah** 6/2015-8/2015 and 6/2016-8/2016, **Scarlett Bach** 6/2017- 9/2017, **Hope Saena** 6/2021-7/2021 Stanford PIPS Program, **Ketaki Lole** 6/2021-7/2021 Stanford PIPS Program, **Nicklaus Ketcham** 5/2022-8/2022

Undergraduates **Bailey Wentworth**, Research Mentor, CHORI Summer Research Internship; 6/2010-8/2010; **Shoshana Newman-Gehardt**, Research Mentor, UC Berkeley Molecular and Cell Biology Summer Internship, 4/2011- 9/2011; **Anika Singh**, Research Mentor, UC Berkeley Molecular and Cell Biology Summer Internship, 4/2011- 9/2011; **Chelsea Heimbaugh**, Research Mentor, CHORI NIH Summer Research Internship; 5/2012-8/2012; **Crystal Teng**, Research Mentor, UC Berkeley Molecular and Cell Biology Summer Internship, 4/2012-

6/2013; **Nina Ngong**, Research Mentor, CHORI NIH Summer Research Internship; 6/2013-8/2013; **Sarah Pfeil**, Research mentor, 9/2012-3/2014; **Tamara Banda**, Research mentor, 8/2012-3/2014; **Nandita Ganesh**, Research mentor, 9/2013-9/2014; **Tanu Patel**, Research mentor, 10/2013-10/2014; **Elizabeth Liu**, Research mentor, 5/2015- present; **Anika Sharma**, Research Mentor, 6/2016-8/2016; **Paras Shah**, Research mentor, 6/2016-8/2016; **Katherine Jabba**, Research mentor, 6/2016-9/2016; **Eleanor Frost**, Research mentor, 9/2016-6/2017, 8/2018-present; **Riasoya Joda**, Research mentor, 4/2017- 8/2017; **Reinaldo Perez**, Research mentor, 4/2017- 11/2017; **Cameron Nosrat**, Research mentor for Honors thesis, 4/2017- 6/2021; **Elizabeth Young**, Summer Research Internship, 5/2020-8/2020; **Allie Westley**, Research mentor, 6/2020- 9/2020; **Prathik Varma**, Research mentor, 6/2020- present; **Sabrina Kang**, Research mentor, 6/2020-12/2020; **Bethel Bayrau**, Stanford King Center for Development Scholar, Research mentor, 10/2020- present. **Laia Bent**, Stanford King Center for Development Scholar, Research mentor, 1/2022- present. **Abhi Kumar**, Stanford HAAS Center African Service Fellowship Scholar, Research mentor, 1/2022- present. **Annabelle Smith**, Research mentor, 1/2022- present. **Erin Floranda**, Research mentor, 1/2022- present.

Graduate Students **Alison Glinka**, MPH capstone committee, Case Western Reserve University, 2006-2009; **Laura Sutherland**, MS mentor, Ohio State University, 2006-2009 and Scientific/professional mentor 2006-present; **Njenga Ngugi**, 2014-2018, PhD co-mentor, University of Nairobi College of Biological and Physical Sciences; **Esther Ombewa Okello**, 2015-present, MPH mentor, Maseno University; **Sandra Kavaya Musaki**, 2015-present, MS mentor, Medical Biotechnology, Maseno University; **Kiptanui Mutai**, 2015-present, MS mentor, Medical Biotechnology, Maseno University; **Sammy Githui Kimaru**, 2015-present, MPH mentor, Technical University of Mombasa; **Jimmy Hortion**, 2/2016-5/2016 and 2/2017-6/2017; MS from Ecole Normale Supérieure de Lyon, France, research mentor ; **Peter Siema**, 2016-present, MPH mentor, Technical University of

Mombasa; **Alawi Salim**, 2016-present, MPH mentor, Technical University of Mombasa; **Marissa Childs**, PhD qualifying committee, Stanford University, 2017-present; **George Korir**, PhD candidate, Stanford University, qualifying committee 2015-2019; **Haripriya Mukundarajan**, PhD candidate, Stanford University, qualifying committee 2015-2019; **Jason Lowther**, M.S. candidate, St. George's University, 2015-2017; **Jenna Forsyth**, PhD candidate mentor, Stanford University, 2015-2019; **David Mariano**, MS Epi candidate mentor, Stanford University, 2017-2019; **Hellen Barsosio**, PhD candidate mentor, Liverpool School of Tropical Medicine, 2018-present, **Eleanor Frost**, MS Epi candidate mentor, Stanford University, 8/2018-2020, **Sindiso Nyathi**, Epidemiology PhD candidate, Stanford University, 2018-present; **Gathenji Njoroge**, MPH student externship mentor, UC Berkeley, 8/2018-12/2019; **Kaitlyn Rose Mitchell**, PhD candidate (rotation mentor), Stanford University, 2020-2021; **Kalani Sumedha Ratnasiri**, MS Epi candidate mentor, Stanford University, 2022-present.

Medical Students **Max McKibben**, medical student, year abroad research project mentor, 8/2010-7/2011; **Lilly Muldoon**, medical student, UCSF summer abroad research project mentor, 6/2011-8/2011; **Christo Sanchez**, medical student, UCSF summer abroad research project mentor, 6/2011-8/2011; **Paul Adamson**, medical student, UCSF summer abroad research project mentor, 6/2011-8/2011; **Joelle Rosser**, medical student, Emory University, abroad research project mentor, 7/2013-6/2014; **Kelsey Ripp**, medical student, Brown University, abroad research project mentor, 9/2015-11/2015 **Awarded ASTMH Kean fellowship for this project*; **Camille Chow**, St. George's University, research project mentor 11/2014-2018; **Julia Kao**, medical student, Stanford University, MedScholars research project mentor 6/2016-2019 **Awarded Stanford MedScholars funding for this project and won the best research presentation award at the Medical research symposium 2017*; **Shanique Martin**, medical student, Stanford University, MedScholars research project mentor 6/2016-2019, **Awarded Stanford MedScholars funding for this project*; **Nilson Mendes Neto**,

Giselda Trigueiro Hospital – Brazil, medical student, research mentor 8/2016-present, **Awarded multiple travel awards for this project*; **Hannah Wild**, medical student, MedScholars research project mentor 6/2017-6/2020, *Awarded Stanford MedScholars funding and an ASTMH Kean fellowship for this project*; **Arielle Kempinsky**, medical student, MedScholars research project mentor in both first and third year 3/2018-6/2021, *Awarded Stanford MedScholars funding for this project*; **Christopher Puntasecca**, medical student, MedScholars research project mentor 5/2020-7/2021, *Awarded Stanford MedScholars funding for this project*; **Anna Lachenauer**, medical student, 1/2021-7/2021. **Nader Shayegh**, first year Howard Medical student, Stanford-HBMC Summer Scholar, 5/2022-7/2022; **Mira Cheng**, medical student, MedScholars research project mentor in first year 1/2022-present, *Awarded Stanford MedScholars funding for this project*;

Post-graduate students / Fellows / Postdocs

Kara Dubray, Co-Research Mentor for Fellowship in Infectious Diseases, CHORI, 2009-2012 and Scientific/professional mentor 2009-2015; **Monica Singer**, Scientific mentor for Peds ID Fellowship Research on polyparasitism and vaccine response, 7/2012-9/2015 **Awarded ASTMH Travel Award for this project*; **Alexandra Duque-Silva**, Co-Research Supervisor for Fellowship in Infectious Diseases, CHORI, 2011-2015; **Fatima Bashir**, 2009-2010, research advisor; **Julie Brichard**, Research mentor 6/2013-4/2015; **Claire Heath**, PhD postdoctoral fellow, 3/14-6/16, **Awarded ASTMH Shope Fellowship Award for Grenada project*; **Ana Eyherabide**, pediatric resident at Sanatorio de Niños, Argentina 2/2016-5/2016, research mentor; **Anneka Hooft**, Scientific mentor for UCSF Peds Residency Pathway to Discovery Research, 1/2014-present; **Awarded UCSF Pathways Grant for this project*; **Noah McKittrick**, scientific mentor for Adult ID fellowship research, 7/2015-6/2017; **Awarded Stanford CHRI Grant for this project*; **Michael Maurer**, 4/2016-6/2018, Stanford Pediatric resident, research mentor; **Priyanka Suresh**, Research mentor 09/2016 - 02/2018; **Melisa Shah**, scientific

mentor for Adult ID fellowship research, 7/2016-present; **Awarded Stanford CHRI Grant for this project*; **Alaina Critchlow**, 4/2017-6/2019, Stanford Pediatric resident, research mentor; **Awarded Stanford Resident Research Grant for this project*; **Julia Lonhart**, 4/2017-6/2017, Stanford Pediatric resident, research mentor; **Amy Krystosik**, PhD postdoctoral fellow, 1/2017-1/2020, **Awarded ASTMH Shope Fellowship Award and Stanford CHRI Grant for Kenya projects*; **Jamie Caldwell**, PhD postdoctoral fellow, 1/2017-7/2019; **Shama Cash-Goldwasser**, scientific mentor for Adult ID fellowship research, 12/2018-7/2020; **Aslam Khan**, scientific mentor for Peds ID fellowship research, **Awarded NIH Loan Repayment Award for this project*; **Awarded NIH Fogarty Grant for this project*, 7/2019-present; **Max McClure**, Stanford Medicine resident, Global Health track research mentor, 5/2020-6/2022; **Iza Rezende**, Stanford postdoc, scientific mentor for Brazil NIH Yellow Fever Award; 7/2020-10/2022; **Keli Gerken**, scientific mentor for Fogarty Fellowship Award, **Awarded NIH Fogarty Grant for this project*, 9/2020-8/2022; **Joelle Rosser**, scientific mentor for Fogarty Fellowship Award, 7/2021-6/2022; **Awarded NIH Fogarty Grant for this project*; **Awarded NIH K23 Grant for this project*; **Melanie Kiener**, scientific mentor for Adult ID fellowship research, 7/2021-present; **Amna Tariq**, Stanford postdoc, scientific mentor for Kenya NIH Award; 7/2022-present; **Victor Hugo Chavez**, Stanford postdoc, scientific mentor for Kenya NIH Award; 7/2022-present;

Junior Faculty

Joelle Rosser (instructor), Scientific mentor for research on arboviral infections in Fiji and Indonesia, 7/2022-present; **Awarded NIH K23 Grant for this project*;

David Vu (instructor): Scientific mentor for research on dengue and malaria coinfection, 5/2014-present **Awarded NIH Loan Repayment Award for this project*; **Awarded Stanford KL2 Grant for this project*; **Awarded NIH K23 Grant for this project*

Elizabeth Egan (assistant professor): Scientific mentor for research on host factors in malaria pathogenesis: 5/2016-present **Awarded Doris Duke 2016 Clinical Scientist Award*

Prasanna Jagannathan (assistant professor): Scientific mentor for research on malaria pathogenesis in pregnancy: 1/2017-present **Awarded CHRI Award for this project*

Courses/Panels

- Dr. Interns, UCB Fall Semester 2013, 1 panel discussion
- Dr. Interns, UCB Winter Semester 2014, 1 panel discussion
- Neglected Tropical Diseases EPI 261, UCSF Winter Semester 2015, Winter Semester 2017, Winter Semester 2019
- HumBio124C Global Child Health, Stanford Winter Semester 2015, Winter Semester 2016, 1 lecture per semester
- Global Health course, Stanford Fall Semester 2015, 1 panel discussion; Stanford Fall Semester 2016, 1 lecture
- Pediatric Interest Group, Stanford Fall Semester 2015, 1 panel discussion
- Stanford Medical School Microbiology Course, Facilitator for Session on Zoonoses and Vector-borne infections, Winter Semester 2015-2016
- Stanford Medical School Microbiology Course, Facilitator for Lecture on Vector-borne disease ecology in BIO 2N - Ecology and Evolution of Infectious Disease in a Changing World, Spring Semester 2016
- Lecture on Arboviruses in Discovery and Innovation in Emerging Viral Infections Course, Stanford University, Winter Semester 2017
- Emerging Viral Infections Course, Stanford University, Winter Semester 2018
- Stanford VPTL MOOC 2018: Environmental Change and Infectious Diseases; Two lectures: 1) Dengue virus and *Aedes* urban adaptation and 2) Rift Valley Fever Virus and One Health
- Lectures on Arboviral Epidemiology in Infectious Disease Epidemiology Course (HRP 231), Stanford University, Winter Semester 2017, Spring Semester 2018, Winter Semester 2019, Winter Semester 2021, Winter Semester 2022
- Lecture on Arboviruses in Parasites & Pestilence (HUMBIO 153) Spring Semester 2019
- Lecture on Pandemics in Global Public Health (HUMBIO 129S); Winter Semester 2020, 2021, 2022
- Lecture on Career in Pediatric Infectious Disease in "Introduction to Pediatric Subspecialties" (PEDS 227), Fall 2021

- Lecture on Climate Change and Infectious Diseases for “The Impact of Climate Change on Human Health.” (EMED 134/234) Winter 2022
- Lecture on Infectious disease, plastic pollution and intersections with art for “Human and Planetary Health.” (BIO103) Fall 2022
- Lecture on Social Context of Infectious Disease and Climate Change for “Culture, Evolution, and Society.” (HumBio 2B) Fall 2022
- Lecture on Environmental Justice and Arbovirology in “Exploring Planetary Stewardship: Sustainability Solutions in a Rapidly Changing World.” (SGSI 2022) Fall 2022

INVITED LECTURES- NATIONAL AND INTERNATIONAL

- December 2022 “Climate Change and Impact on Vector Borne Diseases”, 3rd Symposium on Emerging Viral Diseases, Campus Biotech, Geneva, Switzerland
- October 2022 “Climate change and implications for global health research in HIV and TB,” Baylor College of Medicine Children’s Foundation eSwatini and the Siyakhula: Child Health Applied Research Training (CHART) program, Eswatini by ZOOM
- October 2022 “Using climate data to predict vector borne disease burden,” Baylor College of Medicine Children’s Foundation eSwatini and the Siyakhula: Child Health Applied Research Training (CHART) program, Eswatini by ZOOM
- May 2022 “From Arboviruses to Justice: Efforts To Create a Sustainable World and Populace Using an Arboviral Perspective,” Ghislieri College (Pavia, Italy)- 2022 Planetary Health Conference Keynote
- May 2022 “Climate Change and Vector Borne Diseases”, ASM Clinical Virology Symposium, West Palm Beach, Florida
- May 2022 “From Arboviruses to Justice: Efforts To Create a Sustainable World and Populace Using an Arboviral Perspective”, Santa Clara University

- April 2022 "Making the invisible visible over the last ten years: Dengue and chikungunya transmission, risk, disease and prevention in Kenya," University of Massachusetts Global Health Seminar
- March 2022 "Plastic pollution, the environment, and health: challenges and opportunities," HERI-Kenya Partnerships in Plastic Stakeholder Conference, Diani, Kenya
- March 2022 "Climate Change and Infectious Diseases in North America," Global Consortium on Climate and Health Education (GCCHE) at Columbia University, the National Oceanic and Atmospheric Administration (NOAA), and the ECHO Institute (Project ECHO) Climate and Health Responder Course for North America
- February 2022 "From Arboviruses to Justice: Efforts To Create a Sustainable World and Populace Using an Arboviral Perspective," Keynote Address at the University of Alberta's 2022 Global Health Fair
- November 2021 "Pandemics in the Anthropocene: A Multidisciplinary Approach to Global Health Research in the Context of Climate Change", Annual Meeting of the American Society of Tropical Medicine and Hygiene Symposium Chair, Virtual
- November 2021 "From Arboviruses to Justice: Efforts To Create a Sustainable World and Populace Using an Arboviral Perspective" American Committee on Arboviruses Symposium, American Society of Tropical Medicine and Hygiene Annual Meeting, Virtual
- October 2021 "Climate change and vector-borne diseases," Analysis of Emerging Infections Using the One Health Approach course, Boston University
- June 2021 "Plastic pollution, the environment, and health: challenges and opportunities," Technical University of Mombasa Seminar, Mombasa, Kenya

- June 2021 "Making the invisible visible over the last ten years: Dengue and chikungunya transmission, risk, disease and prevention in Kenya," Msambweni District Hospital Seminar, Msambweni, Kenya
- June 2021 "Making the invisible visible over the last ten years: Dengue and chikungunya transmission, risk, disease and prevention in Kenya," Kwale County Ministry of Health Executive Retreat, Diani, Kenya
- April 2021 "Food Consumption Practices and Risks for Potential Urban Rift Valley Fever Virus Exposure", U.S. Department of Agriculture National Bio and Agro-Defense Facility Scientific Symposium
- November 2020 "Trash to Treasure: Collecting trash for profit to reduce vector breeding sites in Kwale County, Kenya," Building Out Vector-borne Diseases in Sub-Saharan Africa Symposium, Annual ASTMH Meeting, Virtual 2020
- October 2020 "A Global Health Research Career Perspective," IDWEEK2020, PIDS Fellow's Day
- October 2020 "Climate change and vector-borne diseases," Analysis of Emerging Infections Using the One Health Approach course, Boston University
- October 2020 "A Career in Global Health," ASTMH clinical group webinar on careers in pediatrics and tropical medicine
- August 2020 "A World Gone Viral: Human Arboviral Infections Worldwide," International Seminar course in the Graduate Program in Health Science at René Rachou Institute, Fiocruz Minas, Belo Horizonte, Brazil
- June 2020 "Viral Ecology and Impacts of Climate Change" Plenary Lecture at the Annual Meeting of the American Society for Virology, Fort Collins, CO (canceled due to COVID-19)

- January 2020 "The Impact of Climate Change on Vector-borne Diseases," Wells Lecture, Indiana University, Indianapolis, Indiana
- January 2020 "The Complex Epidemiology of the Bunyaviruses," Invited Expert Lecture in NIH Workshop 'Back to basics: Research to address Bunyavirales emergence,' National Institute of Allergy and Infectious Diseases, Rockville, MD
- October 2019 "The Impact of Climate Change on Vector-borne Diseases," WINDREF Graduate Seminar, St. George's University, Grenada
- June 2019 "Climate Change and Mosquitoes" Plenary Lecture at the 16th Conference of the International Society of Travel Medicine, Washington, D.C.
- March 2019 "Unmeasured drivers of arboviral disease: violence and trash!" Second International Symposium of Global Health and Emerging and Re-emerging Diseases, Belo Horizonte, Brazil
- March 2019 "International Medical Education Partnerships: Outcomes and Challenges from Stanford University", Belo Horizonte, Brazil
- March 2019 "Ocular Manifestations of Emerging Arboviruses: Pieces of a Puzzle," Second International Symposium of Global Health and Emerging and Re-emerging Diseases, Belo Horizonte, Brazil
- November 2018 "From the Lab to the Field: Solutions for Women's Career Advancement in Tropical Medicine and Global Health" symposium, Invited symposium panelist, Annual Meeting of the American Society of Tropical Medicine and Hygiene, New Orleans, Louisiana
- November 2018 "New Insights into Rift Valley Fever" in Recent Advances in Viral Hemorrhagic Fever Research symposium, Annual Meeting of the American Society of Tropical Medicine and Hygiene, New Orleans, Louisiana

- October 2018 American Committee on Arthropod-Borne Viruses (ACAV) Symposium I: Annual Business Meeting, Awards and Research Presentations by Previous Awardees symposium chair, Annual Meeting of the American Society of Tropical Medicine and Hygiene, New Orleans, Louisiana
- August 2018 "Predicting Dengue in the Tropics: Aligning Kenya and Ecuador Research Platforms," Clima-Enfermedades Transmitidas por Vectores: UT Machala y SUNY-Upstate Research Conference, Machala, Ecuador
- June 2018 "Making the Invisible Visible: Arbovirus Transmission, risk, Disease and Prevention in Kenya", 2018 Women in Science Award Speaker at the International Conference for Antiviral Research, Porto, Portugal
- June 2018 "Dengue and Chikungunya Research Update in Kenya", National Kenya Ministry of Health Policy Meeting on Vector-Borne Disease Threats, Nairobi, Kenya
- April 2018 "It's Not Just a Fever: Long-Term Consequences of Arboviral Infections", Neglected Tropical Diseases Course, London School of Tropical Medicine and Hygiene
- April 2018 "Factors Responsible for the Emergence of Arboviruses: Strategies, Challenges and Limitations for their Control", International Symposium of Emerging and Re-emerging Infectious Diseases, Belo Horizonte, Brazil
- April 2018 "Stanford University School of Medicine: Overview of Programs and Opportunities for Partnerships", International Symposium of Emerging and Re-emerging Infectious Diseases, Belo Horizonte, Brazil
- March 2018 "Making the Invisible Visible: Arbovirus Transmission, Risk, Disease and Prevention in Kenya", Epidemiology Seminar, London Tropical School of Hygiene & Tropical Medicine

- February 2018 "Making the Invisible Visible: Arbovirus Transmission, Risk, Disease and Prevention in Kenya", Paediatric Infectious Diseases Research Group Seminar, St George's, University of London
- January 2018 "Lessons Learned at Home and Abroad: Arboviral Disease and Prevention in Grenada", WINDREF Graduate Seminar, St. George's University, Grenada
- November 2017 "Science Is Real: Climate Change Impacts on Vector Borne-Diseases", Annual Meeting of the American Society of Tropical Medicine and Hygiene Symposium Chair, Baltimore, Maryland
- November 2017 "American Committee on Arthropod-Borne Viruses Business Symposium", Annual Meeting of the American Society of Tropical Medicine and Hygiene Symposium Co-Chair, Baltimore, Maryland
- November 2017 "Career Trajectories and Work-Life Balance in Academia, Government, and the Private Sector of the Infectious Disease Arena", Annual Meeting of the American Society of Tropical Medicine and Hygiene Symposium Co-Chair, Baltimore, Maryland
- November 2017 "Prenatal Infection with Arboviruses in Humans," American Committee on Arboviruses Pre-meeting Course "Clinical Presentation and Management of Arboviral Diseases: Lessons From the Bedside for Researchers at the Bench or in the Bush", Baltimore, Maryland
- October 2017 "A World Gone Viral: The Emerging Arboviruses", Plenary speaker, Brazilian Society of Microbiology Annual Meeting, Foz do Iguaçu, Brazil
- October 2017 "Zika Virus Infection in Pregnant Women: Impact on the Fetus & Neonate", Invited Seminar, China CDC, Beijing, China

- October 2017 "Zika Virus Infection in Pregnant Women: Impact on the Fetus and Neonate", 5th Annual Fall Conference on Current Concepts in Neonatal Care, Napa, California
- October 2017 "Congenital Vector-Borne Diseases and Early Child Neurodevelopmental Outcomes", 5th Annual Fall Conference on Current Concepts in Neonatal Care, Napa, California
- July 2017 "Dengue and Chikungunya Epidemiology in Kenya", Kwale County Ministry of Health Policy Meeting on Vector-Borne Disease Threats, Kwale
- June 2017 "Dengue and Chikungunya Research Update in Kenya", National Kenya Ministry of Health Policy Meeting on Vector-Borne Disease Threats, Nairobi
- June 2017 "Dengue and Chikungunya Research Update in Kenya", Technical University of Mombasa Research Lectureship, Mombasa
- June 2017 "Dengue and Chikungunya Epidemiology in Kenya", Kisumu County Ministry of Health Policy Meeting on Vector-Borne Disease Threats, Kisumu
- March 2017 "Arboviral Exposure and Disease in Grenada, West Indies: An Update on CHIKV and ZIKV Collaborative Research", WINDREF, St. George's, Grenada
- January 2017 "Making the Invisible Visible: Arbovirus Transmission, Risk, Disease and Prevention in Kenya", Fiocruz, Salvador, Brazil
- January 2017 "Arbovirus infections worldwide" Minas Gerais Society of Infectious Diseases Grand Rounds, Belo Horizonte, Brazil
- January 2017 "Stanford Global Health", Board of Directors Meeting FASEH, Belo Horizonte, Brazil

- January 2017 "Making the Invisible Visible: Arbovirus transmission, risk, disease and prevention in Kenya", Fiocruz, Belo Horizonte, Brazil
- January 2017 "Making the Invisible Visible: Arbovirus transmission, risk, disease and prevention in Kenya", Microbiology and Immunology Series Universidad Federal Minas Gerais, Belo Horizonte, Brazil
- November 2016 "Congenital Vector-Borne Diseases and Early Child Neurodevelopmental Outcomes", Annual Meeting of the American Society of Tropical Medicine and Hygiene Symposium Chair, Atlanta, Georgia
- October 2016 "Making the Invisible Visible: Arbovirus transmission, risk, disease and prevention in Kenya", World Health Interest Group (WHIG) seminar, Case Western Reserve University, Cleveland, Ohio
- August 2016 "Evolving Buzz on Zika and Pregnancy: An Update for Clinicians", California Department of Health Webinar
- June 2016 "Dengue and Chikungunya Epidemiology in Kenya", Kenya Ministry of Health Policy Meeting on Vector-Borne Disease Threats
- June 2016 "Travel Medicine: Emerging Threats and Advice for Travelers", ACHA Annual Meeting, San Francisco, California
- February 2016 "Tending To Sheep Or Where You Sleep: Risks For Human Rift Valley Fever Virus Exposure And Disease", ASM Biodefense and Emerging Diseases Research Meeting, Arlington, Virginia
- October 2015 "Public Library of Science Writing Workshop", Chikungunya and Dengue Project Meeting, Diani, Kenya
- March 2015 "Chikungunya and Dengue in Kenya", Kenya Medical Research Institute, Kisian, Kenya

- January 2015 "Chikungunya and Dengue in Kenya", Molecular Virology and Microbiology seminar, Baylor College of Medicine, Houston, Texas
- January 2015 "Interepidemic and Epidemic Disease Burden of Arboviruses in Kenya", Infectious Diseases & Immunity Colloquium, University of Texas Medical Branch, Galveston, Texas
- December 2014 "Antenatal and Postnatal Parasitism in Rural Coastal Kenya: Effect on Growth and Vaccine Response in Infants", Molecular Microbiology & Immunology Seminar, Oregon Health Sciences University, Portland, Oregon
- November 2014 "Chikungunya and Dengue in Grenada and the Americas: What Are We In For?", St. George's University Public Lecture, St. George's, Grenada
- October 2014 "Public Library of Science Writing Workshop", Ministry of Health Conference Seminar, Diani, Kenya
- October 2014 "Arboviral Research in Kenya", Ministry of Health Conference Seminar, Diani, Kenya
- November 2013 "Working with Arboviruses Internationally – What Does It Take?" American Committee on Arthropod-Borne Viruses Symposium, Annual Meeting of the American Society of Tropical Medicine and Hygiene, Washington, DC
- June 2013 "Important Emerging Viral Infections: Dengue and Chikungunya in Kenya", Hospital Grand Rounds, Msambweni District Hospital, Msambweni, Kenya
- February 2013 "Dual Use Research of Concern at PLoS," World Health Organization Informal Consultation on Dual Use Research of Concern Meeting, Geneva, Switzerland
- November 2012 Hot Topics In Tropical Medicine symposium speaker, "It's Gone Viral!", Annual Meeting of the American Society of Tropical Medicine and Hygiene, Atlanta, Georgia

- December 2011 "Cultural Lessons Learned in Tropical Medicine: Pearls from the Pioneers", Annual Meeting of the American Society of Tropical Medicine and Hygiene Symposium Chair, Philadelphia, Pennsylvania
- November 2011 "State of the World's Children", Children's Hospital & Research Center Oakland 41st Annual Fall Conference, Monterey, California
- November 2011 "The Elusive Viruses You Need to Know About: West Nile Virus and Emerging Arboviral Infections", Children's Hospital & Research Center Oakland 41st Annual Fall Conference, Monterey, California
- October 2011 "The Epidemiology of Rift Valley Fever in Kenya," Northwestern Pacific Regional Center in Biodefense and Emerging Pathogens; Vaccine and Gene Therapy Institute at Oregon Health & Science University, Portland, Oregon
- September 2011 "The Effects of Parasites on Vaccine Response," World Health Interest Group Seminar, Case Western Reserve University, Cleveland, Ohio
- July 2011 "The Epidemiology of Rift Valley Fever in Kenya," Emerging Pathogens Institute, University of Gainesville, Gainesville, Florida
- May 2011 "Parasites and other Unwanted Souvenirs"; PREP Audio June 2012 Issue, Recorded in Denver, Colorado
- May 2011 "Arthropod-Borne Viruses: Emerging and Re-emerging Threats for All Countries," Pediatric Academic Societies Annual Meeting: Global Health Plenary Session, Denver, Colorado
- March 2011 "The Epidemiology of Rift Valley Fever Virus," International Livestock Research Institute, Nairobi, Kenya
- November 2010 "Epidemiology of Rift Valley Fever in Northeast Kenya," American Committee on Arthropod-Borne Viruses

Symposium, Annual Meeting of the American Society of Tropical Medicine and Hygiene, Atlanta, Georgia

- March 2010 "Redefining Arboviral Epidemiology in Kenya," Infectious Diseases & Immunity Colloquium, University of Texas Medical Branch, Galveston, Texas
- November 2009 "New Understanding of the Epidemiology of Rift Valley Fever," American Committee on Arthropod-Borne Viruses: Shope Symposium, Annual Meeting of the American Society of Tropical Medicine and Hygiene
- May 2009 "Rift Valley Fever Research Update", World Health Interest Group Conference at Case Western Reserve University
- November 2008 "Epidemiologic and Immunologic Perspectives of Rift Valley Fever", Research Guest Lecture Series, Children's Hospital of Oakland Research Institute
- November 2008 "West Nile Virus", Pediatric Resident's Lecture Series, Children's Hospital of Oakland

INVITED LECTURES- LOCAL (2011-PRESENT)

- November 2022 "Vector-borne Disease and Plastic Pollution," Fall Faculty in Focus Series, Center for Innovation in Global Health, Stanford University
- October 2022 "The Health Impacts of Climate Change," Thrive Alliance Climate Summit for San Mateo County, Stanford University Redwood City Campus
- April 2022 "From Arboviruses to Justice: Efforts To Create a Sustainable World and Populace Using an Arboviral Perspective" King Center Lunch and Learn, Stanford University
- January 2022 "The Impact of Climate Change on Vector-borne Diseases," EMED 134/234 "The Impact of Climate Change on Human Health course", Stanford School of Medicine

- October 2021 "Arboviruses", Stanford Peds ID fellow course
- August 2021 "Plastic pollution, the environment, and health: challenges and opportunities," Fireside chat in Silicon Valley Global Health Public Forum
- April 2021 "Plastic pollution, the environment, and health: challenges and opportunities", Stanford Woods and CIGH 2021 Earth Day Event
- February 2021 "Challenges upstream and downstream: translating research into policy change and cultural norm shifts in resource-poor settings", UC Berkeley
- October 2020 "Healthy planet, healthy people: The impact of climate change on vector-borne diseases" Stanford Maternal & Child Health Research Institute Virtual Seminar
- September 2020 "Zoonoses", Stanford Peds ID fellow course
- September 2020 "A Career in Global Health," Stanford SOM Fellows' Scholarship Round Robin
- June 2020 "Career Pathways in Global Health," Internal Medicine Residency Underserved Patient Population/Global Health Pathway of Distinction (POD) Lecture
- December 2019 "Bioterrorism", Stanford Peds ID fellow course
- May 2019 "A World Gone Viral: Human Arbovirus Infections Worldwide," Parasites and Pestilence Course, Stanford University
- May 2019 "Miscellaneous Viruses", Stanford Peds ID fellow course
- April 2019 "Making the Invisible Visible: Arbovirus transmission, risk, disease and prevention in Kenya", Ecology, Evolution, and Conservation Colloquium, San Francisco State University

- March 2019 "Challenges upstream and downstream: translating research into policy change and cultural norm shifts in resource-poor settings", UC Berkeley
- November 2018 "Viral Hemorrhagic Fevers", Stanford Peds ID fellow course
- May 2018 "One Health, One World, Many Viruses: The Emergence and Importance of Arboviral Threats", Stanford One Health Symposium Plenary Talk
- April 2018 "Crossing Seas, Saving Lives: Careers in Global Health", Stanford Haas Center for Public Service
- December 2017 "Miscellaneous Parasite Infections", Stanford Peds ID fellow course
- July 2017 "Zoonotic Infections", Stanford Peds ID fellow course
- May 2017 "Zika Update for Healthcare Professionals," Hot Topics for Stanford Medicine; Webinar and Long-term web-based seminar
- April 2017 "A World Gone Viral: Zika Emerges in the Americas", John Muir Pediatric Grand Rounds
- April 2017 "Fever in Travelers", Stanford Peds ID fellow course
- March 2017 "Making the Invisible Visible: Arbovirus transmission, risk, disease and prevention in Kenya", Discovery and Innovation in Emerging Viral Infections Course, Stanford University
- January 2017 "Mosquito-Borne Disease Risk and Prevention in Kenya: Making the Invisible Visible", Annual CIGH Research Convening
- November 2016 "A World Gone Viral: Arboviral Emergence in Recent Decades", Stanford Neurology Grand Rounds

- November 2016 Ambassadors for Lucile Packard Children's Hospital: "A Zika virus primer"
- October 2016 "Miscellaneous viruses", Stanford Peds ID fellow course
- October 2016 "A World Gone Viral: Arboviral Emergence in Recent Decades", Stanford Global Health course
- June 2016 Dengue and Chikungunya in Kenya: Child Health Impact and Prevention Strategies, Bass Society annual dinner
- June 2016 Stanford University Infectious Disease Grand Rounds: "Making the Invisible Visible: Arbovirus transmission, risk, disease and prevention in Kenya"
- May 2016 Pint of Science Palo Alto, CA: "A World Gone Viral"
- May 2016 Stanford Physician Relations LPCH Committee Meeting: "Zika and Chikungunya Virus Infections: Impact on the Fetus and Neonate"
- April 2016 Child-X Symposium, Stanford University: "Zika Virus Infection in Pregnant Women: Impact on the Fetus and Neonate"
- March 2016 Natural Capital Symposium, Stanford University, Panel on Global Environmental Change and Human Health: A multidisciplinary approach to challenge diseases of poverty
- March 2016 "A World Gone Viral: Arboviral Emergence in Recent Decades", Preparedness for the Zika Virus: A Public Health Emergency Symposium, UCSF
- February 2016 "A World Gone Viral: Zika Emerges in the Americas", Stanford University Pediatric Grand Rounds
- May 2015 "Mosquito Borne Viruses Cause Trouble in Kenya and Beyond!", California Academy of Sciences, San Francisco, California

- May 2015 "Dengue and Chikungunya Exposure and Disease In Kenyan Children", Stanford University Annual Combined Medicine-Pediatrics Infectious Diseases Research Retreat
- May 2015 "A World Gone Viral: The Emerging Arboviruses", Stanford University Pediatric Grand Rounds
- April 2015 "Chikungunya", Stanford University Hot Topics in Global Health Lecture Series
- April 2015 "The Burden of Arboviral Infection and Disease in Kenya", 6th Annual Stanford Pediatrics Research Retreat
- June 2014 "A World Gone Viral: The Emerging Arboviruses", 47th Annual Advances & Controversies in Clinical Pediatrics, UCSF Pediatric Conference
- April 2014 "Antenatal and Postnatal Parasitism in Rural Coastal Kenya: Effect on Growth and Vaccine Response in Infants", Pediatric Infectious Diseases Series, Stanford University
- February 2014 "State of the World's Children," John Muir Grand Rounds, Walnut Creek, California
- September 2013 "Influenza," Children's Hospital Research Center Oakland Resident Conference; Oakland, CA
- August 2013 "Dengue Update," John Muir Grand Rounds, Walnut Creek, California
- May 2013 "Arboviral Seroprevalence in Kenya", UCSF, Pediatric Infectious Disease Division Research Series
- February 2013 "The Elusive Viruses You Need to Know About: West Nile Virus and Emerging Arboviral Infections", UCSF, Global Pediatric Lecture Series
- July 2012 "Rift Valley Fever in Kenya," CHORI Faculty Seminar, Oakland, California

- July 2012 "Rift Valley Fever Virus Research", Pediatric Resident's Research Seminar Series, Children's Hospital of Oakland
- June 2012 "Dengue and Other Important Arboviruses," John Muir Grand Rounds, Walnut Creek, California
- June 2012 "State of the World's Children," CHRCO Grand Rounds, Oakland, California
- March 2012 "Rift Valley Fever Research in Kenya," Collaborate for Africa Monthly meeting, San Francisco, CA
- March 2012 "Rift Valley Fever Virus and Other Threats to Animal and Human Health," American Society of Microbiology Chapter Annual Meeting Plenary Lecture, Pleasanton, CA
- Feb 2012 "Need for Better Arboviral Diagnostics", Bio to Device Group; Santa Clara, CA
- June 2011 "West Nile Virus: A Pediatric Perspective", John Muir Hospital Grand Rounds, Walnut Creek, California
- May 2011 "Rift Valley Fever in Kenya", Collaborate For Africa/Children's Global Health Initiative CHORI Meeting, Oakland, California
- January 2011 "Botulism," Children's Hospital Research Center Oakland Resident Conference; Oakland, CA