Stanford



Angelle Desiree LaBeaud

Professor of Pediatrics (Infectious Diseases), Senior Fellow at the Woods Institute for the Environment and Professor, by courtesy, of Epidemiology and Population Health and of Environmental Social Sciences

Pediatrics - Infectious Diseases

NIH Biosketch available Online Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Stanford University Division of Pediatric Infectious Diseases**

  240 Pasteur Dr Rm 2654

  Stanford, CA 94305

  Tel (650) 725-6568 **Fax** (650) 723-0864

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

  Nancy Wilkening - Research Administrator

  Email greguras@stanford.edu

  Tel 650-498-6227

Bio

BIO

Dr. Desiree LaBeaud is a physician-scientist, epidemiologist, and professor in the Division of Pediatric Infectious Diseases at Stanford University's School of Medicine. She received her MD from the Medical College of Wisconsin and trained at the Rainbow Babies & Children's Hospital during her pediatric residency and pediatric infectious disease fellowship program. She earned her master's degree in Clinical Research and Epidemiology at Case Western Reserve University. Dr. LaBeaud studies the epidemiology and ecology of domestic and international arboviruses and emerging infections, with an interest in the vector, host, and environmental factors that affect transmission dynamics and spectrum of disease. Her research is community-engaged and seeks to define and then disrupt the underlying structural determinants of health. She studies the human health impacts of climate change including research focused on innovative solutions to the global plastic pollution crisis. Her field sites have included Kenya, Grenada, Pakistan, and Brazil. She currently heads a clinical research lab focused on better understanding the risk factors and long-term health consequences of arboviral infections and the most effective means of prevention. She has also recently launched a nonprofit, the Health and Environmental Research Institute- Kenya (www.heri-kenya.org) which is an initiative focused on Kenya to inspire community education, new research, policy change and grass roots activism in environmental health issues. She is deeply devoted to equitable partnership and recently co-edited an open access book on transformative partnership: https://link.springer.com/book/10.1007/978-3-031-53793-6. Dr. LaBeaud is Senior Fellow at the Stanford Woods Institute for the Environment and served as admissions chair of the Emmett Interdisciplinary Program in Environment & Resources. She is currently on the leadership team of the Stanford Human and Planetary Health Center and serves as the Associate Dean of Global Health at the Stanford Center for Innovation in Global Health. She is Fellow of the American Society of Tropical Medicine (ASTMH).

CLINICAL FOCUS

- Pediatric Infectious Diseases

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Pediatrics - Infectious Diseases
- Senior Fellow, Stanford Woods Institute for the Environment

- Professor-Univ Med Line (By courtesy), Epidemiology and Population Health
- Professor-Univ Med Line (By courtesy), Environmental Social Sciences
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Associate Dean of Global Health, Stanford University School of Medicine, (2024-2027)
- Affiliated Faculty Member, Stanford King Center on Global Development, (2020- present)
- Co-Leader and Clinical Partner, Pediatrics Global Health Scholarly Concentration, (2018- present)
- Research Fellow, Windward Islands Researach and Education Foundation (WINDREF), (2017- present)
- Affilated Faculty Member, Institute for Immunity, Transplantation, and Infection, (2015- present)
- Affiliated Faculty Member, Stanford Woods Institute for the Environment, (2015- present)
- Affiliated Faculty Member, Emmett Interdisciplinary Program in Environment & Resources, (2015- present)
- Faculty Fellow, Center for Innovation in Global Health, (2015- present)

HONORS AND AWARDS

- Fellow, American Society of Tropical Medicine and Hygiene (2021)
- Nominated and elected member, American Pediatric Society (2021)
- Board Member, American Society of Tropical Medicine and Hygiene (2019)
- Mosbacher Distinguished Packard Fellow, Stanford University (2018-2021)
- Postdoc Mentor Award, Stanford Department of Pediatrics (2018)
- Women in Science Award, International Socieety for Antiviral Research (ISAR) (2018)
- Bechtel Faculty Scholar Award, Stanford Child Health Research Institute (2015-2020)
- New Investigator in Global Health Scholarship, Global Health Council (2010)
- Fellowship in Infectious Diseases Award, Robert E. Shope (2008)
- Women Faculty of the School of Medicine Junior Faculty Award, Case Western Reserve University (2008)
- Loan Repayment Award (LRP), NIH Clinical Research (2004-2012)
- American Medical Woman Award, American Medical Women's Association (2000)
- Outstanding Academic Achievement, Merck Award (2000)
- Alpha Omega, Alpha Honor Society (1999)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- County At-Large Community Representative, San Mateo Mosquito and Vector Control District, San Mateo County, CA (2022 - present)
- CEO and C0-Founder, Health and Environment Research Institute-Kenya (2021 - present)
- Invited External Advisory Committee Member, Physician-Scientist T32 "Training Physicians in Emerging Infectious Diseases Research at UTMB (2021 - present)
- Invited External Advisory Committee Member, Centers for Research in Emerging Infectious Diseases Network (CREID) (2021 - present)
- Member, Planetary Health Leadership Group, Stanford University (2021 - present)
- Member, Center for Innovation in Global Health Leadership Group, Stanford University (2021 - present)
- Member Board of Directors, The Caribbean Center for Child Neurodevelopment, St. George's University, Grenada, West Indies (2021 - present)
- Member PhD Admissions Committee, Stanford University Emmett Interdisciplinary Program in Environment and Resources (E-IPER (2021 - present)
- Chair, ASTMH Green Task Force (2020 - present)

- Invited Member, ASTMH Standing Committee on Development (2020 - present)
- Invited Member, CEPI Rift Valley Fever Task Force (2020 - present)
- Member, WHO Zika Virus Exposures Working Group (2020 - present)
- Elected Board Member, Board of Directors - ASTMH (2019 - present)
- Member, Green Group - ASTMH (2019 - present)
- Member, Shope Fellowship Committee (2019 - 2020)
- Expert Member, GloPID-R Chikungunya working group (2018 - present)
- Member, American Academy of Pediatrics (2018 - present)
- Member, Pediatric Infectious Diseases Society (2018 - present)
- Member, Infectious Disease Society of America (2018 - present)
- Member, Inclusion/Respect Task Force - ASTMH (2018 - present)
- Core Member, Innovation & Integration of Ecosystem-Human Health Science & Tools (2018 - 2021)
- Invited Member, Strategic Blue Ribbon Planning Cmte, ASTMH (2018 - 2020)
- Invited Learner, Stanford Leadership Development Program (2018 - 2019)
- Editorial Advisory Board Member, American Journal of Tropical Medicine and Hygiene (2017 - present)
- Member, WHO ZIKV IPD Consortium, Geneva, Switzerland (2017 - present)
- Chair, American Committee on Arthropod-Borne Viruses (2017 - 2019)
- Chair, Ben Kean Travel Fellowship Award Committee, ASTMH (2016 - present)
- Chair- elect, American Committee on Arthropod-Borne Viruses (2016 - present)
- Chair-elect, American Committee on Arthropod-Borne Viruses (2016 - 2017)
- Affiliated Faculty Member, Emmett Interdisciplinary Program in Environment & Resources, Stanford University (2015 - present)
- Co-Chair, Integrative Program Committee, Stanford University (2015 - present)
- Member, Pediatric Infectious Disease Fellowship Program Evaluation Committee, Stanford University (2015 - present)
- Member, Institution Biosafety Committee, Stanford University (2015 - present)
- Councilor, American Committee on Arthropod-Borne Viruses (2015 - 2020)
- Affiliated Faculty Member, Woods Institute for the Environment, Stanford University (2015 - 2019)
- Member, Adult Infectious Disease Search Committee, Stanford University (2015 - 2016)
- Panelist, NIAID-WHO Gaps & Opportunities in Chikungunya Research: Expert Consultation (2015 - 2015)
- Member, Dual Use Research of Concern Committee, PLoS Journals (2013 - 2020)
- Chair, CTropMedExam Working Group, ASTMH (2013 - 2014)
- Co-Chair, Other Viruses Research Section Symposium, ASTMH Meeting, Washington, DC (2013 - 2013)
- Invited PLoS Representative, WHO Informal Consultation on Dual Use Research of Concern, Geneva, Switzerland (2013 - 2013)
- Director, Pediatric Resident's Research Seminar Series Hospital of Oakland (2012 - 2014)
- Member, Blue Ribbon Committee, ASTMH (2012 - 2014)
- Councilor, ASTMH (2012 - 2012)
- Member, Ben Kean Travel Fellowship Award Committee, ASTMH (2011 - 2016)
- Symposium Organizer / Chair, "Cultural Lessons Learned in Tropical Medicine: Pearls from the Pioneers" ASTMH Annual Meeting (2011 - 2011)
- Journal Editor Round Table Participant, National Science Advisory Board for Biosecurity (NSABB) (2010 - 2012)
- Member, American Academy of Pediatrics International Research Award Selection Committee (2009 - present)

- Member, ASTMH Travel Research Award Selection Ccommittee (2009 - 2017)
- Panelist, Nat. Ctr. for Foreign Animal & Zoonotic Disease Defense Advisory Group - RVF, Washington DC (2009 - 2009)
- Deputy Editor, PLoS NTDs (2008 - present)
- Member, American Society for Tropical Medicine and Hygiene / Courses Committee (2008 - 2017)

PROFESSIONAL EDUCATION

- Medical Education: Medical College Of Wisconsin (2000) WI
- Fellowship: Rainbow Babies and Children's Hospital Pediatric Infectious Disease (2006) OH
- Residency: University Hospitals of Cleveland (2003) OH
- KL2 Scholar, National Institure of Health , Multidisciplinary Research (2009)
- MS, Case Western Reserve University , Clinical Research (2009)
- Board Certification: Pediatric Infectious Diseases, American Board of Pediatrics (2007)
- Fellowship, Rainbow Babies & Children's Hospital, Cleveland, Ohio , Pediatric Infectious Disease (2006)
- Pediatric Residency, Rainbow Babies & Children's Hospital, Cleveland, Ohio , International Health Track (2003)
- Board Certification: Pediatrics, American Board of Pediatrics (2003)
- Pediatric Internship, Rainbow Babies & Children's Hospital, Cleveland, Ohio , International Health Track (2001)
- BS, University of California at San Diego , General Biology (1996)

COMMUNITY AND INTERNATIONAL WORK

- Epidemiology of Arboviruses in Mysore
- Stanford/Kenya Plastics and Health Art Project, Stanford University, Kenya
- Growing HIV/TB Research Knowledge for Growing Healthy Kids in Eswatini, Eswatini
- Neurodevelopment and Vector-borne Diseases: Building Research Capacity in the Tropics, Grenada
- Complex Data and Deep Learning for Disease Outbreak Prediction
- Assessment of Cognitive Functioning in Children Exposed to the Zika Virus
- Trash to Treasure: Collecting trash for profit to reduce vector breeding sites in Kwale County, Kenya, Kenya
- Characterizing the Effects of Antenatal Parasitic Infection on Fetal Immune System Development
- The Spectrum of Zika Disease in Grenada, Grenada
- Predicting dengue transmission in a changing climate to improve mosquito control, Kenya, Ecuador
- Integrated Vector Management as a Strategy for Reduced Disease Risk in Dengue Fever
- Characterization of Immune Factors of Severe and Chronic Chikungunya Disease, Grenada
- Miniaturized Automated Whole Blood Cellular Analysis System, Kenya
- Effects of Parasitic Infections on Vaccine Response, Kenya
- Burden of Chikungunya and Dengue in Kenya, Kenya

PATENTS

- Desiree LaBeaud. "United States Patent ZL 2020 3 0793900.2 Flock of Fame Game", China National Intellectual Property Administration (CNIPA), Jan 1, 2020

LINKS

- My Lab Website: http://labeaudlab.wordpress.com

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Arthropod-borne viruses are emerging and re-emerging infections that are spreading throughout the world. Our laboratory investigates the epidemiology of arboviral infections, focusing on the burden of disease and the long-term complications on human health. In particular, Dr. LaBeaud investigates dengue, chikungunya, and Rift Valley fever viruses in Kenya, where outbreaks cause fever, arthritis, retinitis, encephalitis, and hemorrhagic fever. Our main research questions focus on the risk factors for arboviral infections, the development of diagnostic tests that can be administered in the field to quickly determine what kind of arboviral infection a person has, and the genetic and immunologic investigation of why different people respond differently to the same infection. Our long-term goals are to contribute to a deeper understanding of arboviral infections and their long-term health consequences and to optimize control strategies to prevent these emerging infections. Our laboratory also investigates the effects of antenatal and postnatal parasitic infections on vaccine responses, growth, and development of Kenyan children.

My lab at Stanford supports the field work that is ongoing in Kenya, but we also have several projects that are based locally. We strive to improve diagnostics of arboviral infections and are using Luminex technology to build a new screening assay. We also have created a Luminex based platform to assess vaccine responses against multiple pathogens.

PROJECTS

- Characterizing the Effects of Antenatal Parasitic Infection on Fetal Immune System Development - Stanford University, Case Western Reserve University, Ministry of Health- Kenya (1/1/2016 - 1/1/2017)
- Burden of Chikungunya and Dengue in Kenya, Kenya - Stanford University (7/1/2013 - 6/30/2018)
- Integrated Vector Management as a Strategy for Reduced Disease Risk in a Newly Discovered Region of Dengue Fever in Africa - Stanford (9/1/2015 - 8/31/2020)
- Characterization of Immune Factors of Severe and Chronic Chikungunya Disease in Grenada, West Indies - Stanford (8/1/2015 - 7/31/2016)
- Miniaturized Automated Whole Blood Cellular Analysis System - Stanford (6/23/2015 - 6/22/2020)
- Complex Data and Deep Learning for Disease Outbreak Prediction - Stanford (1/1/2017 - 1/1/2018)
- Predicting dengue transmission in a changing climate to improve mosquito control - Stanford University (Depts of Biology and Pediatrics) (7/1/2016 - 6/30/2018)
- The Spectrum of Zika Virus Disease in Grenada - Stanford (1/1/2017 - 1/1/2018)
- Neurodevelopment and Vector-borne Diseases: Building Research Capacity in the Tropics - Stanford (September 1, 2016 - 8/31/2018)
- Trash to Treasure: Collecting trash for profit to reduce vector breeding sites in Kwale County - Bova Network (9/2018 - 8/2019)
- Assessment of cognitive functioning in children exposed to the Zika virus - USAID (4/2018 - December 2018)

Teaching

COURSES

2026-27

- Equitable Global Partnerships in Health and Beyond: EBS 238, PEDS 237 (Spr)

2025-26

- Equitable Global Partnerships in Health and Beyond: EBS 238, PEDS 237 (Spr)
- Science Writing Advancing Global and Planetary Health (SWAP): EBS 239, PEDS 238 (Aut)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Jonathan Altamirano, Brian Dawes, Amna Tariq

Master's Program Advisor

Mandinyara Kanhema, Julieta Lamm-Perez

Postdoctoral Research Mentor

Valeria Ramirez Castaneda

Publications

PUBLICATIONS

- **Projecting the future spread of yellow fever vectors and implications for epidemic risk: a scoping review of climate change and human behaviour.** *BMJ open*
  Parreiras-Gonçalves, A., Failloux, A. B., Jelinek, T., LaBeaud, A. D., Langevin, E., Ooi, E. E., Thollot, Y., Tomori, O., Vasilakis, N., Lowe, R., Colón-González, F. J.
  2026; 16 (9): e115595
- **Simulating the Transmission of Rift Valley Fever Virus via Raw Milk Consumption in Inter-Epidemic Periods.** *Viruses*
  Buyukcangaz, E., Tariq, A., Peña-García, V. H., Bisanzio, D., French, K., Dawes, B. E., LaBeaud, A. D.
  2026; 18 (8)
- **Evidence of co-circulation and co-exposure to arboviruses and malaria in a longitudinal cohort in Kenya from 2019 to 2022.** *Scientific reports*
  Tariq, A., Bisanzio, D., Mutuku, F., Ndenga, B., Jembe, Z., Maina, P., Chebii, P., Ronga, C., Okuta, V., LaBeaud, A. D.
  2026; 16: 37755
- **Opportunities and challenges for countermeasures against Rift Valley fever virus: A quintessential One Health pathogen.** *PLoS neglected tropical diseases*
  Dawes, B. E., Gerken, K. N., Bett, B., LaBeaud, A. D.
  2026; 20 (8): e0014645
- **Mobility and non-household environments: Understanding dengue transmission patterns in urban contexts.** *PLoS neglected tropical diseases*
  Peña-García, V. H., Ndenga, B. A., Mutuku, F. M., Bisanzio, D., LaBeaud, A. D., Mordecai, E. A.
  2026; 20 (7): e0014487
- **Serendipitous detection of invasive malaria vector Anopheles stephensi in Kisumu, Kenya in June 2022.** *Scientific reports*
  Ndenga, B. A., Owuor, K. O., Wambua, S., Bartilol, B., Maia, M., Mwangangi, J., Omukuti, R., Chemutai, S., Arabu, D., Miringu, I., Bosire, C., Mwendwa, K., Winter, et al
  2026
- **Seroincidence Rate of Typhoidal Salmonella in Children, Kenya, 2017-2018.** *Emerging infectious diseases*
  Khan, A., Kamenskaya, P., Rezende, I., Mutuku, F. M., Ndenga, B., Jembe, Z., Maina, P., Chebii, P., Ronga, C., Okuta, V., Garrett, D. O., Bisanzio, D., Aiemjoy, et al
  2026; 32 (3): 368-375
- **Geographic origin and evolution of dengue virus serotypes 1 and 3 circulating in Africa.** *Virus evolution*
  Nyathi, S., Rezende, I. M., Walter, K. S., Thongsripong, P., Mutuku, F., Ndenga, B., Mbakaya, J. O., Agola, G., Vu, D. M., Bennett, S., Mordecai, E. A., Andrews, J. R., LaBeaud, et al
  2025; 11 (1): veae116
- **Sociodemographic and ecological factors associated with malaria and malaria recurrence risk in children in Msambweni, Kwale County, Kenya.** *Malaria journal*
  Amugongo, J. S., LaBeaud, A. D., Bosire, C., Bisanzio, D., Nzaro, M., Ngari, M., Vu, D. M., Ndenga, B. A., Mutuku, F. M.
  2025; 24 (1): 433
- **Risk factors associated with dengue and chikungunya seroprevalence and seroconversion among urban populations in western and coastal Kenya.** *PLoS neglected tropical diseases*

Bayrau, B. A., Ichura, C., Tariq, A., Winter, C. A., Amugongo, J. S., Okuta, V. A., Mwambingu, L. W., Ogamba, K. O., Shaita, K. N., Ronga, C. O., Chebii, P., Malumbo, S. L., Godana, et al

2025; 19 (11): e0013740

- **How the American Society of Tropical Medicine and Hygiene Can Play a Leadership Role in Climate Action: Results from the 2022 ASTMH Green Task Force Survey.** *The American journal of tropical medicine and hygiene*

  Sadarangani, S. P., Vazquez Guillamet, L. J., Ehrlich, H. Y., Ondigo, B. N., Wamae, C. N., Asaduzzaman, M., Iqbal, N. T., Townley, T. A., Baker, K. K., Barry, M., Colborn, J., LaBeaud, A. D., Whitfield, et al

  2025

- **Brucellosis Seroprevalence in Humans and Risk Factors Among High-Risk Groups at Two Urban Populations in Kenya.** *Vector borne and zoonotic diseases (Larchmont, N.Y.)*

  Buyukcangaz, E., Bayrau, B. A., Pinnamaneni, A., Ichura, C., Mutuku, F. M., Ndenga, B. A., LaBeaud, A. D.

  2025

- **Medicine for a Changing Planet: Online Clinical Cases in Planetary Health and Infectious Diseases** *OPEN FORUM INFECTIOUS DISEASES*

  Judson, S. D., Ripp, K., Benzekri, N. A., Labeaud, A., Veidis, E., Xie, M., Tin, A., Barry, M., Rabinowitz, P.

  2025; 12 (10): ofae691

- **In Vivo Characterization and Tissue Tropism of a Wild-Type Yellow Fever Virus Isolate from the 2017-2018 Brazilian Outbreak in C57BL/6 IFNAR1-/- Mice.** *Viruses*

  Cruz, A. L., Pessoa, N. L., Silva, E. M., Oliveira, S. B., Souza, J. P., Viegas, S. S., Guimarães, A. C., Alves, P. A., de Brito Magalhães, C. L., Monath, T. P., Martins-Filho, O. A., Teixeira-Carvalho, A., LaBeaud, et al

  2025; 17 (10)

- **Rift Valley fever epidemiology: shifting the paradigm and rethinking research priorities.** *The Lancet. Planetary health*

  Rostal, M. K., Thompson, P. N., Anyamba, A., Bett, B., Cêtre-Sossah, C., Chevalier, V., Guarido, M., Karesh, W. B., Kemp, A., LaBeaud, A. D., Lubisi, A., Matthews, L., Msimang, et al

  2025: 101299

- **Modelling the effects of precipitation and temperature on malaria incidence in coastal and western Kenya.** *Malaria journal*

  Tariq, A., Bisanzio, D., Mutuku, F., Ndenga, B., Jembe, Z., Maina, P., Chebii, P., Ronga, C., Okuta, V., LaBeaud, A. D.

  2025; 24 (1): 208

- **School and home-based educational intervention in urban Kenya: Sustained improvements in knowledge, attitudes, and practices for Aedes aegypti control.** *PLOS global public health*

  Kalva, P., Forsyth, J., Mutuku, F., Agola, G., Lutt, M., LaBeaud, A. D.

  2025; 5 (6): e0004567

- **DISTINCT CELLULAR IMMUNE RESPONSES ARE ASSOCIATED WITH PATHOGENESIS, DISEASE PROGRESSION, AND LATE-RELAPSING HEPATITIS IN YELLOW FEVER PATIENTS**

  Fradico, J. R. B., Campi-Azevedo, A., Faria, E. S., Vercosa, T., De Rezende, I., Pereira, L. S., Monath, T. P., Labeaud, A., Drumond, B. P., Teixeira-Carvalho, A., Martins-Filho, O. A.

  AMER SOC TROP MED & HYGIENE.2025

- **INVESTIGATING THE EPIDEMIOLOGY AND RISK FACTORS FOR DENGUE VIRUS AND CHIKUNGUNYA VIRUS INFECTIONS IN KARACHI, PAKISTAN**

  Khan, A., Kazi, M., Iqbal, J., Allana, R., Khalid, T., Ichura, C., LaBeaud, D.

  AMER SOC TROP MED & HYGIENE.2025

- **INVESTIGATION OF ANTIVIRAL ACTIVITY OF MEK INHIBITORS AGAINST YELLOW FEVER VIRUS USING IN VIVO MODEL**

  Cruz, A. C., Pessoa, N. L., Arias, N. E. C., Viegas, S. M., Guimaraes, A. S., Martins-Filho, O. A., Teixeira-Carvalho, A., Labeaud, A., Bonjardim, C., Drumond, B. P.

  AMER SOC TROP MED & HYGIENE.2025

- **NON-HOUSEHOLD ENVIRONMENTS PROMOTE DENGUE TRANSMISSION: IMPLICATIONS FOR VECTOR CONTROL**

  Pena-Garcia, V. H., LaBeaud, A., Ndeng, B. A., Mutuku, F. M., Bisanzio, D., Andrews, J. R., Mordecai, E. A.

  AMER SOC TROP MED & HYGIENE.2025

- **DENGUE VIREMIA AMONG FEBRILE PERSONS IN GRENADA, WEST INDIES**

  Kiener, M., Fletcher, M., Chitan, E., Noel, T. P., Pinsky, B. A., Macpherson, C., LaBeaud, A.

AMER SOC TROP MED & HYGIENE.2025

- **BRUCELLOSIS SEROPREVALENCE AND RISK FACTORS AMONG HIGH-RISK GROUPS AT TWO URBAN SITES IN KENYA**
  Buyukcangaz, E., Bayrau, B., Pinnamaneni, A., Ichura, C. W., Mutuku, F. M., Ndenga, B. A., Labeaud, A.
  AMER SOC TROP MED & HYGIENE.2025

- **ANTIBIOTIC PRESCRIBING PATTERNS AT OUTPATIENT CLINICS IN WESTERN AND COASTAL KENYA**
  Kiener, M., Ichura, C., Ndenga, B. A., Mutuku, F. M., Winter, C. A., Okuta, V., Mwambingu, L., Ogamba, K., Shaita, K. N., Ronga, C., Chebii, P., Amugongo, J., Malumbo, et al
  AMER SOC TROP MED & HYGIENE.2025

- **(UN)SUSTAINABLE SCIENCE: ENVIRONMENTAL FOOTPRINT OF RESEARCH, CLINICAL MICROBIOLOGY AND VETERINARY LABORATORIES LOCALLY AND GLOBALLY**
  Bayrau, B. A., Buyukcangaz, E., Sadarangani, S. P., Ondigo, B. N., Prinzi, A., LaBeaud, A.
  AMER SOC TROP MED & HYGIENE.2025

- **ASSESSING THE ANTIBODY RESPONSE AND SOLUBLE MEDIATOR PROFILES INDUCED BY WILD-TYPE AND VACCINE STRAINS OF THE YELLOW FEVER VIRUS: LESSONS FROM THE 2016-2018 OUTBREAK IN BRAZIL**
  Goncalves, A., Almeida, L., De Rezende, I., Fradico, J., Pereira, L., Ramalho, D., Xavier, M., Silva, C., Monath, T. P., LaBeaud, D. A., Drumond, B., Campi-Azevedo, A., Martins-Filho, et al
  AMER SOC TROP MED & HYGIENE.2025

- **Temporal Variation and Human Host Predominance in Aedes aegypti from Coastal and Western Kenya: Insights from Pooled Blood Meal Metagenomics.** *Pathogens (Basel, Switzerland)*
  Mwendwa, K., Mutuku, F., Wambua, S., Nzaro, M., Ndenga, B. A., Agoi, K., LaBeaud, A. D., Bosire, C.
  2025; 14 (5)

- **Yellow Fever Virus Genotyping Tool Using RT-qPCR Followed by Nucleotide Sequencing and Phylogenetic Analysis.** *Methods in molecular biology (Clifton, N.J.)*
  Rezende, I. M., Sacchetto, L., Alves, P. A., Labeaud, A. D., Drumond, B. P.
  2025; 2913: 153-166

- **Protecting global health partnerships in the era of destructive nationalism.** *PLOS global public health*
  Adam, M., LaBeaud, D., Mbewu, N., Gates, J., Waechter, R., Borbor-Cordova, M. J., Kibe, L., Alvarez, S., Dori, A., Bilimale, A. S., Mwoka, M., Deffler, J., Spring, et al
  2025; 5 (4): e0004428

- **Non-household environments make a major contribution to dengue transmission: implications for vector control.** *Royal Society open science*
  Peña-García, V. H., LaBeaud, A. D., Ndenga, B. A., Mutuku, F. M., Bisanzio, D., Andrews, J. R., Mordecai, E. A.
  2025; 12 (4): 241919

- **Comparison of unmanned aerial vehicle imaging to ground truth walkthroughs for identifying and classifying trash sites serving as potential Aedes aegypti breeding grounds.** *Parasites & vectors*
  Tarpenning, M. S., Bramante, J. T., Coombe, K. D., Woo, K. E., Chamberlin, A. J., Mutuku, P. S., De Leo, G. A., LaBeaud, A. D., Ndenga, B. A., Mutuku, F. M., Rosser, J. I.
  2025; 18 (1): 93

- **Disruption of functional network development in children with prenatal Zika virus exposure revealed by resting-state EEG.** *Scientific reports*
  Omurtag, A., Abdulbaki, S., Thesen, T., Waechter, R., Landon, B., Evans, R., Dlugos, D., Chari, G., LaBeaud, A. D., Hassan, Y. I., Fernandes, M., Blackmon, K.
  2025; 15 (1): 6346

- **Comprehensive immune profiling of dengue and chikungunya viral responses using a novel miniaturized automated whole blood cellular analysis system and mass cytometry in a pediatric cohort in Msambweni, Kenya.** *ImmunoHorizons*
  Kowli, S., Krystosik, A., Hale, M., Mutuku, F., Amugongo, J. S., Malumbo, S. L., Chebii, P. K., Maina, P. W., Mathi, K., Grossi-Soyster, E. N., Rieck, M., LaBeaud, A. D., Maecker, et al
  2025; 9 (4)

- **Rift Valley fever virus remains infectious in milk stored in a wide range of temperatures.** *The Journal of infectious diseases*
  Dawes, B. E., De La Mota-Peynado, A., Rezende, I. M., Buyukcangaz, E. K., Harvey, A. M., Gerken, K. N., Winter, C. A., Bayrau, B., Mitzel, D. N., Waggoner, J. J., Pinsky, B. A., Wilson, W. C., LaBeaud, et al

2025

- **(Un)Sustainable Science: Greening Practices in Research, Clinical Microbiology, and Veterinary Laboratories Locally and Globally.** *Open forum infectious diseases*
  Bayrau, B. A., Buyukcangaz, E., Sadarangani, S. P., Ondigo, B. N., Prinzi, A., LaBeaud, A. D.
  2025; 12 (2): ofae677

- **Risk factors associated with in-hospital mortality during yellow fever outbreak in Brazil.** *Frontiers in medicine*
  McClure, M., de Rezende, I. M., Pereira, L. S., Dutra, M. R., Fradico, J. R., Macedo, R., Marçal, M. C., Fonte Boa, L. S., Bragato, A. M., Faria, F. I., Pamplona, L., Said, R. o., Calzavara-Silva, et al
  2025; 12: 1505005

- **Antibiotic prescribing patterns at outpatient clinics in Western and Coastal Kenya.** *PLOS global public health*
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- **EVIDENCE OF TRANSMISSION OF DENGUE AND CHIKUNGUNYA VIRUSES IN WESTERN KENYA**
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