




Angelle Desiree LaBeaud

Associate Professor of Pediatrics (Infectious Diseases) and, by courtesy, of Health Research and Policy (Epidemiology) at the Lucile Salter Packard Children's Hospital
Pediatrics - Infectious Diseases

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Pediatric Infectious Diseases**

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Bio

BIO

Since the early 2000s, I have devoted my efforts to better understanding the risk factors and long-term health consequences of arboviral infections, including Rift Valley fever, chikungunya, and dengue viruses. Currently, I have two large field projects ongoing in Kenya. As a physician-scientist, I split my time between research (75%) and clinical practice (25%), including travel clinic experience. In my current position, I balance a productive research career, a stimulating hospital-based clinical practice, and a rewarding family life.

My formal education included a bachelor's degree in Biology (University of California at San Diego, 1996, Cum Laude), medical degree (Medical College of Wisconsin, 2000, AOA), pediatric residency-International Health track (Rainbow Babies & Children's Hospital, CWRU, 2003), fellowship in pediatric infectious diseases (Rainbow Babies & Children's Hospital, CWRU, 2006), and master's degree in Clinical Research with a focus in epidemiology (CWRU, 2009).

CLINICAL FOCUS

- Pediatric Infectious Diseases

ACADEMIC APPOINTMENTS

- Associate Professor - Med Center Line, Pediatrics - Infectious Diseases
- Associate Professor - Med Center Line (By courtesy), Health Research & Policy
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Co-Leader and Clinical Partner, Pediatrics Global Health Scholarly Concentration, (2018- present)
- Research Fellow, Windward Islands Research and Education Foundation (WINDREF), (2017- present)
- Affiliated 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

- Postdoc Mentor Award, Stanford Department of Pediatrics (2018)
- Women in Science Award, International Society 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

- 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 - present)
- Expert Member, GloPID-R Chikungunya working group (2018 - present)
- Invited Learner, Stanford Leadership Development Program (2018 - present)
- Member, Infectious Disease Society of America (2018 - present)
- Member, Pediatric Infectious Diseases Society (2018 - present)
- Member, American Academy of Pediatrics (2018 - present)
- Chair, American Committee on Arthropod-Borne Viruses (2017 - present)
- Editorial Advisory Board Member, American Journal of Tropical Medicine and Hygiene (2017 - present)
- Member, WHO ZIKV IPD Consortium, Geneva, Switzerland (2017 - present)
- 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, 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)
- Councilor, American Committee on Arthropod-Borne Viruses (2015 - present)
- Member, Institution Biosafety Committee, Stanford University (2015 - present)
- Member, Pediatric Infectious Disease Fellowship Program Evaluation Committee, Stanford University (2015 - present)
- Panelist, NIAID-WHO Gaps and Opportunities in Chikungunya Research: Expert Consultation on Chikungunya Disease in the Americas (2015 - present)
- Member, Adult Infectious Disease Search Committee, Stanford University (2015 - 2016)
- Chair, CTropMedExam Working Group, ASTMH (2013 - present)
- Co-Chair, Other Viruses Research Section Symposium, ASTMH Meeting, Washington, DC (2013 - present)
- Invited PLoS Representative, WHO Informal Consultation on Dual Use Research of Concern, Geneva, Switzerland (2013 - present)
- Member, Dual Use Research of Concern Committee, PLoS Journals (2013 - present)

- Councilor, ASTMH (2012 - present)
- Director, Pediatric Resident's Research Seminar Series Hospital of Oakland (2012 - present)
- Member, Blue Ribbon Committee, ASTMH (2012 - present)
- Symposium Organizer / Chair, "Cultural Lessons Learned in Tropical Medicine: Pearls from the Pioneers" ASTMH Annual Meeting (2011 - present)
- Member, Ben Kean Travel Fellowship Award Committee, ASTMH (2011 - 2016)
- 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)
- Panelist, National Center for Foreign Animal and Zoonotic Disease Defense Advisory Group on Rift Valley Fever, Washington, DC (2009 - present)
- Member, ASTMH Travel Research Award Selection Committee (2009 - 2017)
- 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 Office of Graduate Medical Education (2000) WI
- KL2 Scholar, National Institute 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)
- Residency: University Hospitals of Cleveland OH
- Fellowship: Rainbow Babies and Children's Hospital Pediatric Infectious Disease OH

COMMUNITY AND INTERNATIONAL WORK

- 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

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

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Amy Krystosik, Melisa Shah

Publications

PUBLICATIONS

- **GloPID-R report on Chikungunya, O'nyong-nyong and Mayaro virus, part I: Biological diagnostics** *ANTIVIRAL RESEARCH*
Pezzi, L., Reusken, C. B., Weaver, S. C., Drexler, J. F., Busch, M., LaBeaud, A. D., Diamond, M. S., Vasilakis, N., Drebot, M. A., Siqueira, A. M., Ribeiro, G. S., Kohl, A., Lecuit, et al
2019; 166: 66–81
- **The influence of raw milk exposures on Rift Valley fever virus transmission.** *PLoS neglected tropical diseases*
Grossi-Soyster, E. N., Lee, J., King, C. H., LaBeaud, A. D.

2019; 13 (3): e0007258

- **The influence of raw milk exposures on Rift Valley fever virus transmission** *PLOS NEGLECTED TROPICAL DISEASES*
Grossi-Soyster, E. N., Lee, J., King, C. H., LaBeaud, A.
2019; 13 (3)
- **Parasitic infections during pregnancy need not affect infant antibody responses to early vaccination against Streptococcus pneumoniae, diphtheria, or Haemophilus influenzae type B.** *PLoS neglected tropical diseases*
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; 13 (2): e0007172
- **Parasitic infections during pregnancy need not affect infant antibody responses to early vaccination against Streptococcus pneumoniae, diphtheria, or Haemophilus influenzae type B** *PLOS NEGLECTED TROPICAL DISEASES*
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.
2019; 13 (2)
- **Malaria smear positivity among Kenyan children peaks at intermediate temperatures as predicted by ecological models.** *Parasites & vectors*
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, et al
2019; 12 (1): 288
- **Acute flavivirus and alphavirus infections among children in two different areas of Kenya, 2015** *Am J Trop Med Hyg*
Horton, L., Mutuku, F., Eyherabide, F., Vu, D., Boothroyd, D., Grossi-Soyster, E., King, C., Ndenga, B., LaBeaud, A.
2019; 100 (1): 170-173
- **Acute Flavivirus and Alphavirus Infections among Children in Two Different Areas of Kenya, 2015** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Horton, J., Mutuku, F. M., Eyherabide, A. L., Vu, D. M., Boothroyd, D. B., Grossi-Soyster, E. N., King, C. H., Ndenga, B. A., Desiree LaBeaud, A.
2019; 100 (1): 170-73
- **Early Childhood Anemia in a Birth Cohort in Coastal Kenya: Links to Infection and Nutrition.** *The American journal of tropical medicine and hygiene*
Kao, J., Mutuku, F., Martin, S., Lee, J., Muinde, J., Mukoko, D., Malhotra, I., King, C. H., LaBeaud, A. D.
2019
- **Pediatric tropical medicine: The neglected diseases of children.** *PLoS neglected tropical diseases*
Hotez, P. J., Odom John, A. R., LaBeaud, A. D.
2019; 13 (5): e0007008
- **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.** *Systematic biology*
Calisher, C. H., Briese, T., Rodney Brister, J., Charrel, R. N., Durwald, R., Ebihara, H., Fulhorst, C. F., Fu Gao, G., Groschup, M. H., Haddow, A. D., Hyndman, T. H., Junglen, S., Klempa, et al
2018
- **Neighborhood Violence Impacts Disease Control and Surveillance: Case Study of Cali, Colombia from 2014 to 2016** *INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH*
Krystosik, A. R., Curtis, A., LaBeaud, A., Davalos, D. M., Pacheco, R., Buritica, P., Alvarez, A. A., Bhatta, M. P., Rojas Palacios, J., James, M. A.
2018; 15 (10)
- **Neighborhood Violence Impacts Disease Control and Surveillance: Case Study of Cali, Colombia from 2014 to 2016.** *International journal of environmental research and public health*
Krystosik, A. R., Curtis, A., LaBeaud, A. D., Davalos, D. M., Pacheco, R., Buritica, P., Alvarez, A. A., Bhatta, M. P., Rojas Palacios, J. H., James, M. A.
2018; 15 (10)
- **Mother-to-child transmission of Chikungunya virus: A systematic review and meta-analysis.** *PLoS neglected tropical diseases*
Contopoulos-Ioannidis, D., Newman-Lindsay, S., Chow, C., LaBeaud, A. D.
2018; 12 (6): e0006510
- **Mother-to-child transmission of Chikungunya virus: A systematic review and meta-analysis** *PLOS NEGLECTED TROPICAL DISEASES*
Contopoulos-Ioannidis, D., Newman-Lindsay, S., Chow, C., LaBeaud, A.
2018; 12 (6)

- **Cord Blood Antiparasite Interleukin 10 as a Risk Marker for Compromised Vaccine Immunogenicity in Early Childhood** *JOURNAL OF INFECTIOUS DISEASES*
Malhotra, I., LaBeaud, A., Morris, N., Mckibben, M., Mungai, P., Muchiri, E., King, C. L., King, C. H.
2018; 217 (9): 1426–34
- **Perinatal Case Fatality Rate in Cases of Congenital Zika Syndrome: a Cross-Sectional Study**
da Maia, J. S., Alves Vidal, S., Mendes, T., Lins, M., Zacarkim, M., Rolim, D., Aronoff, D. M., LaBeaud, A., Mendes Neto, N. N.
LIPPINCOTT WILLIAMS & WILKINS.2018
- **Radiological Findings and Neurological Disorders in Microcephaly Cases Related to Zika Virus: A Cohort Study**
De Alcantara, T., da Silva Maia, J., Aronoff, D., Rolim, D., Zacarkim, M., LaBeaud, A., Fernandes, K. E., Neto, N.
LIPPINCOTT WILLIAMS & WILKINS.2018
- **CT Scan Findings in Microcephaly Cases During 2015-2016 Zika Outbreak: A Cohort Study**
De Alcantara, T., LaBeaud, A., Aronoff, D., Zacarkim, M., da Silva Maia, J., Fernandes, K. E., Neto, N.
LIPPINCOTT WILLIAMS & WILKINS.2018
- **Perinatal Case Fatality Rate Related to Congenital Zika Syndrome in Brazil: A Cross-Sectional Study** *PEDIATRIC NEUROLOGY*
Mendes Neto, N. N., da Silva Maia, J., Zacarkim, M., Queiroz, I., LaBeaud, A., Aronoff, D. M.
2018; 81: 47–48
- **Nasopharyngeal Carriage of Streptococcus pneumoniae in Children in Coastal Kenya.** *The American journal of tropical medicine and hygiene*
Heath, C. J., Nayakwadi-Singer, M., King, C. H., Malhotra, I., Mutuku, F., Mukoko, D., LaBeaud, A. D.
2018; 98 (4): 1046–50
- **PHYLOGENETIC ANALYSES OF ALL FOUR DENGUE VIRUS SEROTYPES DETECTED IN WESTERN KENYA, 2014-2015**
Hortion, J., Edgerton, S., Vu, D., Mutai, N., Ndenga, B., Bennett, S., LaBeaud, A.
AMER SOC TROP MED & HYGIENE.2018: 280
- **Seroepidemiological Studies of Arboviruses in Africa**
Gudo, E., Ali, S., Antonio, V. S., Chelene, I. R., Chongo, I., Demanou, M., Falk, K., Guiliche, O. C., Heinrich, N., Monteiro, V., Muianga, A. F., Oludele, J., Mula, et al
SPRINGER-VERLAG SINGAPORE PTE LTD.2018: 361–71
- **MAKING PASTORALISTS COUNT: HEALTH SURVEILLANCE OF A NOMADIC POPULATION USING A GEOSPATIALLY DERIVED SAMPLING FRAME**
Wild, H., Glowacki, L., Maples, S., Mejia-Guevara, I., Hiruy, A., Krystosik, A., Bonds, M., LaBeaud, A., Barry, M.
AMER SOC TROP MED & HYGIENE.2018: 659–60
- **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**
Maurer, M., Ferreira, J., Grossi-Soyster, E., LaBeaud, D.
AMER SOC TROP MED & HYGIENE.2018: 57
- **PUPAL PRODUCTIVITY OF LARVAL HABITATS OF *Aedes Aegypti* IN MSAMBWENI, KWALE COUNTY KENYA**
Mutuku, F., Mwakutwaa, A., Ngugi, H., Ndenga, B., Kitron, U., LaBeaud, A.
AMER SOC TROP MED & HYGIENE.2018: 51
- **GOT MILK? DEFINING THE LINK BETWEEN MILK AND RIFT VALLEY FEVER**
Grossi-Soyster, E., Lee, J., Muiruri, S., King, C., LaBeaud, A.
AMER SOC TROP MED & HYGIENE.2018: 424
- **MALARIA IN PREGNANCY: IMPACT OF MICROSCOPIC AND SUB-MICROSCOPIC INFECTIONS ON NEWBORN CHILDREN'S CORD BLOOD IMMUNE RESPONSES**
Ottichilo, R., Nyakundi, R., Mukoko, D., Mutuku, F., LaBeaud, D., King, C., Malhotra, I.
AMER SOC TROP MED & HYGIENE.2018: 113
- **PREVALENCE OF CHIKUNGUNYA AND DENGUE VIRUS EXPOSURE AMONG CHILDREN IN WESTERN KENYA**
Musaki, S., Grossi-Soyster, E., Ndenga, B., Mutuku, F., LaBeaud, D.
AMER SOC TROP MED & HYGIENE.2018: 282

- **RISK FACTORS FOR MALARIA POSITIVITY AMONG FEBRILE CHILDREN AT FOUR HETEROGENEOUS KENYAN CLINICS**
Shah, M., Krystosik, A., Caldwell, J., Mutuku, F., Ndenga, B., Otuka, V., Ronga, C., Chebii, P., Maina, P., Jembe, Z., Ripp, K., Vora, R., Jagannathan, et al
AMER SOC TROP MED & HYGIENE.2018: 553–54
- **EARLY AND LATE NIGHT HUMAN LANDING PERIODICITY OF <it>AEDES AEGYPTI</it> FEMALES IN URBAN AND RURAL SITES IN KENYA**
Ndenga, B., Mutuku, F., Ngugi, H., Mbakaya, J., Aswani, P., Musunzaji, P., Mukoko, D., Kitron, U., LaBeaud, D.
AMER SOC TROP MED & HYGIENE.2018: 51
- **IMPAIRED EXPRESSIVE LANGUAGE IN 24-MONTH-OLD INFANTS EXPOSED TO THE CHIKUNGUNYA VIRUS IN EARLY CHILDHOOD**
Waechter, R., Cudjoe, N., Noel, T., Krystosik, A., Watts, A., Punch, B., Crandell, H., Isaac, R., Murray, T., Andrew, E., Mapp-Alexander, V., Baptiste, S., Suresh, et al
AMER SOC TROP MED & HYGIENE.2018: 203–4
- **SUSCEPTIBILITY OF FIELD-COLLECTED <it>AEDES AEGYPTI</it> (L.) TO CONVENTIONAL INSECTICIDES IN COASTAL KENYA**
Ngugi, H., Mutuku, F., Ndenga, B., Irungu, L., Krystosic, A., Kitron, U., LaBeaud, A.
AMER SOC TROP MED & HYGIENE.2018: 44
- **DISTRIBUTION OF DENGUE CASES IN KISUMU CITY AND ENVIRONS**
Ombewa, E., Mutai, N., Kitron, U., LaBeaud, A., Ndenga, B.
AMER SOC TROP MED & HYGIENE.2018: 60–61
- **BUILDING ECOLOGY INTO MODELS TO PREDICT ARBOVIRUS DYNAMICS**
Caldwell, J., Mutuku, F., Ndenga, B., Mordecai, E., LaBeaud, D.
AMER SOC TROP MED & HYGIENE.2018: 63
- **THE CHIKUNGUNYA VIRUS OUTBREAK IN GRENADA 2013-EVOLUTION, EPIDEMIC ACTIVITY, AND PHYLODYNAMICS**
Edgerton, S., Ohashi, S., Lane, K., Heath, C., Noel, T., Macpherson, C., Mitchell, G., Morrison, T., LaBeaud, A., Bennett, S.
AMER SOC TROP MED & HYGIENE.2018: 504–5
- **NEED FOR REAL TIME ARBOVIRAL SURVEILLANCE DATA TO PREVENT OUTBREAKS. A RETROSPECTIVE STUDY OF ZIKA, CHIKUNGUNYA, AND DENGUE OUTBREAKS IN CALI COLOMBIA 2014 TO 2016**
Krystosik, A., LaBeaud, A., Davalos, D., Bhatta, M., Curtis, A., Pacheco, R., Buritica, P., Alvarez, A., Palacios, J., James, M.
AMER SOC TROP MED & HYGIENE.2018: 74–75
- **ZIKA AND DENGUE VIRUS INFECTIONS IN PREGNANT MOTHERS IN GRENADA**
Cudjoe, N., Noel, T., Krystostik, A., Waechter, R., Phillip, S., Mapp-Alexander, V., Grossi-Soyster, E., Suresh, P., Lee, J., Mitchell, G., Macpherson, C., LaBeaud, A.
AMER SOC TROP MED & HYGIENE.2018: 49–50
- **ARBOVIRUS AND MALARIA CO-INFECTIONS AMONG FEBRILE KENYAN CHILDREN**
Shah, M., Sahoo, M., Krystosik, A., Mutuku, F., Ndenga, B., Otuka, V., Ronga, C., Chebii, P., Maina, P., Jembe, Z., Pinsky, B., LaBeaud, A.
AMER SOC TROP MED & HYGIENE.2018: 162–63
- **UNRECOGNIZED DENGUE AND CHIKUNGUNYA HUMAN TRANSMISSION IN WESTERN AND COASTAL KENYA**
LaBeaud, A., Mutuku, F., Grossi-Soyster, E., Vu, D., Krystosik, A., Lee, J., Mukoko, D., King, C., Ndenga, B.
AMER SOC TROP MED & HYGIENE.2018: 505
- **LARVAL SOURCE REDUCTION WITH A PURPOSE: DESIGNING AND EVALUATING A SCHOOL AND COMMUNITY INTERVENTION IN COASTAL KENYA**
Forsyth, J., Mutuku, F., Kibe, L., Mwashee, L., LaBeaud, D.
AMER SOC TROP MED & HYGIENE.2018: 440
- **Nasopharyngeal Carriage of Streptococcus pneumoniae in Children in Coastal Kenya** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Heath, C. J., Nayakwadi-Singer, M., King, C. H., Malhotra, I., Mutuku, F., Mukoko, D., LaBeaud, A.
2018; 98 (4): 1046–50
- **USING COMPLEX DATA AND DEEP LEARNING TO PREDICT RIFT VALLEY FEVER OUTBREAKS**
Kumm, J., Grossi-Soyster, E., Seetah, K., LaBeaud, A.
AMER SOC TROP MED & HYGIENE.2018: 301

- **Bunyavirus Taxonomy: Limitations and Misconceptions Associated with the Current ICTV Criteria Used for Species Demarcation** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
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., Monath, T. P., Mossel, E. C., Plante, K., Powers, et al
2018; 99 (1): 11–16
- **Clinical, Serological, and Molecular Observations from a Case Series Study during the Asian Lineage Zika Virus Outbreak in Grenada during 2016** *CANADIAN JOURNAL OF INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY*
Brenziaglia, M., Noel, T. P., Fields, P. J., Bidaisee, S., Myers, T. E., Nelson, W. M., Venkateswaran, N., Venkateswaran, K., Parameswaran, N., Bahadoor, A., Yearwood, K., Mapp-Alexander, V., Mitchell, et al
2018: 4635647
- **The Identification of Risk Factors for Chronic Chikungunya Arthralgia in Grenada, West Indies: A Cross-Sectional Cohort Study** *OPEN FORUM INFECTIOUS DISEASES*
Heath, C. J., Lowther, J., Noel, T. P., Mark-George, I., Boothroyd, D. B., Mitchell, G., MacPherson, C., LaBeaud, A.
2018; 5 (1): ofx234
- **Characteristics of Aedes aegypti adult mosquitoes in rural and urban areas of western and coastal Kenya** *PLOS ONE*
Ndenga, B., Mutuku, F., Ngugi, H., Mbakaya, J., Aswani, P., Musunzaji, P., Vulule, J., Mukoko, D., Kitron, U., LaBeaud, A.
2017; 12 (12): e0189971
- **IS TIMING OF IN UTERO EXPOSURE KEY IN PREVENTING FETAL PRIMING?**
Ottichilo, R., Nyakundi, R., Mutuku, F., LaBeaud, D., King, C., Malhotra, I.
AMER SOC TROP MED & HYGIENE.2017: 113–14
- **COMPARISON OF ALPHAVIRUS AND FLAVIVIRUS PREVALENCE IN WESTERN KENYA**
Grossi-Soyster, E. N., Cooke, E. A., Fevre, E. M., LaBeaud, A.
AMER SOC TROP MED & HYGIENE.2017: 222–23
- **ADVANCING WATER TREATMENT FOR RESOURCE RECOVERY TO ENHANCE DISEASE MITIGATION**
Grossi-Soyster, E., LaBeaud, A.
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- **SEROPREVALENCE OF FLAVIVIRUSES AND ALPHAVIRUSES IN CHILDREN IN COASTAL KENYA: A 2015 SNAPSHOT**
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