

## Young Investigator Award Session A

*Sunday, November 5, 2017, 10:00 am - 3:00 pm*

*Convention Center - Room 318/319 (Level 300)*

The Young Investigator Award is presented to outstanding young researchers during the Annual Meeting. This award encourages developing young scientists to pursue careers in various aspects of tropical disease research. Support these young scientists by attending their presentations during this session.

Presentation Number	Title	Author Block
	Judge	Peter Crompton <i>NIH, Rockville, MD, United States</i>
	Judge	Matthew B. Laurens <i>Division of Malaria Research, Institute for Global Health, University of Maryland School of Medicine, Baltimore, MD, United States</i>
	Judge	Naomi W. Lucchi <i>Centers for Disease Control and Prevention, Atlanta, GA, United States</i>
92	Assessing the non-biologic contributors to mortality among inpatients with febrile illness in Tanzania: a prospective cohort social biopsy study	<b>Michael Snaveley</b> <sup>1</sup> , Michael J. Maze <sup>2</sup> , Charles Muiruri <sup>1</sup> , Lilian Ngowi <sup>3</sup> , Flora Mboya <sup>3</sup> , Julia Beamesderfer <sup>4</sup> , Glory Makupa <sup>5</sup> , Anthon Mwingwa <sup>5</sup> , Bingileki F. Lwezaula <sup>6</sup> , Blandina T. Mmbaga <sup>3</sup> , Venance P. Maro <sup>5</sup> , John A. Crump <sup>2</sup> , Jan Ostermann <sup>7</sup> , Matthew P. Rubach <sup>8</sup>  <sup>1</sup> <i>Duke Global Health Institute, Duke University, Durham, NC, United States,</i> <sup>2</sup> <i>Centre for International Health, University of Otago, Dunedin, New Zealand,</i> <sup>3</sup> <i>Kilimanjaro Christian Medical Center, Moshi, Tanzania, United Republic of,</i> <sup>4</sup> <i>University of Pennsylvania, Philadelphia, PA, United States,</i> <sup>5</sup> <i>Kilimanjaro Christian Medical University College, Moshi, Tanzania, United Republic of,</i> <sup>6</sup> <i>Mawenzi Regional Referral Hospital, Moshi, Tanzania, United Republic of,</i> <sup>7</sup> <i>Arnold School of Public Health, University of South Carolina, Columbia, SC, United States,</i> <sup>8</sup> <i>Division of</i>

		<i>Infectious Diseases, Duke University Medical Center, Durham, NC, United States</i>
270	Subpatent <i>Plasmodium falciparum</i> infections after treatment of uncomplicated falciparum malaria with dihydroartemisinin-piperaquine and artemether-lumefantrine in western Indonesia	<b>Inke N. Lubis<sup>1</sup></b> , Hendri Wijaya <sup>2</sup> , Munar Lubis <sup>2</sup> , Chairuddin P. Lubis <sup>2</sup> , Khalid B. Beshir <sup>1</sup> , Colin J. Sutherland <sup>1</sup> <i><sup>1</sup>London School of Hygiene &amp; Tropical Medicine, London, United Kingdom, <sup>2</sup>University of North Sumatera, Medan, Indonesia</i>
294	Multiple antigen rapid diagnostic tests for the diagnosis of severe malaria in high-transmission, resource-limited settings	<b>Ross M. Boyce<sup>1</sup></b> , Raquel Reyes <sup>1</sup> , Moses Ntaro <sup>2</sup> , Edgar Mulogo <sup>2</sup> , Michael Matte <sup>2</sup> , Mark J. Siedner <sup>3</sup> <i><sup>1</sup>University of North Carolina at Chapel Hill, Chapel Hill, NC, United States, <sup>2</sup>Mbarara University of Science and Technology, Mbarara, Uganda, <sup>3</sup>Massachusetts General Hospital, Boston, MA, United States</i>
398	Clinical Risk Factors for Mortality in Ugandan Children with Severe Malaria	<b>Ruth Namazzi<sup>1</sup></b> , Andrea Conroy <sup>2</sup> , Richard Idro <sup>1</sup> , Paul Bangirana <sup>1</sup> , Chandy John <sup>3</sup> , Robert Opika Opoka <sup>1</sup> <i><sup>1</sup>Makerere University, Kampala, Uganda, <sup>2</sup>Indiana University, Indianapolis, IN, United States, <sup>3</sup>Indiana University, Indianapolis, IN, United States</i>
460	Cases of Methicillin-Resistant <i>Staphylococcus aureus</i> : Assessing its rise in Hospital & Community-Associated Cases	<b>Chinedu O. Oraka<sup>1</sup></b> , Obiageli L. Offor <sup>2</sup> <i><sup>1</sup>Build Africa Research Capacity, Ottawa, ON, Canada, <sup>2</sup>University of Texas, Health Science Center at Houston, School of Public Health, Houston, TX, United States</i>
495	Effects of immediate vs. delayed iron therapy on neurobehavioral function in Ugandan children with severe malaria	<b>Meredith R. Hickson<sup>1</sup></b> , Paul Bangirana <sup>2</sup> , Andrew S. Ssemata <sup>2</sup> , Sarah E. Cusick <sup>3</sup> , Robert O. Opoka <sup>2</sup> , Maria Kroupina <sup>3</sup> , Chandy C. John <sup>4</sup> <i><sup>1</sup>University of Michigan Medical School, Ann Arbor, MI, United States, <sup>2</sup>Makerere University College of Health Sciences, Kampala, Uganda, <sup>3</sup>University of Minnesota Medical School, Minneapolis, MN, United States, <sup>4</sup>Indiana University School of Medicine, Indianapolis, IN, United States</i>

497	Predicting mortality for adolescent and adult patients with fever in resource-limited settings	<b>Manuela Carugati<sup>1</sup></b> , Helen L. Zhang <sup>1</sup> , Venance P. Maro <sup>2</sup> , Matthew P. Rubach <sup>1</sup> , John A. Crump <sup>3</sup> <i><sup>1</sup>Duke University Medical Center, Durham, NC, United States, <sup>2</sup>Kilimanjaro Christian Medical University College, Moshi, Tanzania, United Republic of, <sup>3</sup>Centre for International Health, University of Otago, Dunedin, New Zealand</i>
509	Identifying Risk Factors for Perinatal Death at Tororo District Hospital, Uganda	<b>Martha A. Tesfalul<sup>1</sup></b> , Paul Naturreba <sup>2</sup> , Nathan Day <sup>2</sup> , Stephanie G. Valderramos <sup>1</sup>
511	<b>Mitigating Iron Deficiency Anemia in School Aged Children in Madurai, India</b>	<b>Sidarth R. Ganpati</b> <i>Edgemont High School, Scarsdale, NY, United States</i>
601	Assessing the effect of a novel household water pasteurization intervention on child diarrhea: evidence from a randomized controlled trial in the Peruvian Amazon	<b>Kristen Heitzinger<sup>1</sup></b> , Claudio A. Rocha <sup>2</sup> , Robert H. Gilman <sup>1</sup> , Stephen E. Hawes <sup>3</sup> , Carlos A. Alvarez <sup>4</sup> , Carlton A. Evans <sup>1</sup> <i><sup>1</sup>A. B. Prisma, Lima, Peru, <sup>2</sup>U.S. Medical Research Unit No. 6, Callao, Peru, <sup>3</sup>University of Washington, Seattle, WA, United States, <sup>4</sup>Loreto Regional Ministry of Health, Iquitos, Peru</i>
781	Chest Ultrasound versus X-ray for Pulmonary Tuberculosis in South African Children	<b>Charlotte C. Heuvelings<sup>1</sup></b> , Sabine Bélard <sup>1</sup> , Savvas Andronikou <sup>2</sup> , Halvani Moodley <sup>3</sup> , Norme Jamieson-Luff <sup>4</sup> , Martin P. Grobusch <sup>1</sup> , Heather J. Zar <sup>4</sup> <i><sup>1</sup>Academic Medical Center/University of Amsterdam, Amsterdam, Netherlands, <sup>2</sup>Bristol Royal Hospital for Children and University of Bristol, Bristol, United Kingdom, <sup>3</sup>University of Witwatersrand, Johannesburg, South Africa, <sup>4</sup>Red Cross War Memorial Children's Hospital, Cape Town, South Africa</i>
789	Effect of Exposure History on Dengue Infection and Disease: A Statistical Approach and Its Application to the Dengue Cohort in Nicaragua	<b>Tim K. Tsang<sup>1</sup></b> , Ira Longini <sup>1</sup> , M. Elizabeth Halloran <sup>2</sup> , Yang Yang <sup>1</sup> <i><sup>1</sup>University of Florida, Gainesville, FL, United States, <sup>2</sup>University of Washington, Seattle, WA, United States</i>

1157	<b>The changing epidemiology of leptospirosis in mainland China and its impact on annual disease burden estimates</b>	<p><b>Pandji W. Dhewantara</b><sup>1</sup>, Abdullah A. Mamun<sup>2</sup>, Wen-Yi Zhang<sup>3</sup>, Danhuai Guo<sup>4</sup>, Wenbiao Hu<sup>5</sup>, Federico Costa<sup>6</sup>, Albert Ko<sup>7</sup>, Ricardo J. Soares-Magalhaes<sup>1</sup></p> <p><sup>1</sup><i>School of Veterinary Science, University of Queensland, Gatton, Queensland, Australia,</i> <sup>2</sup><i>Institute for Social Science Research, University of Queensland, Brisbane, Queensland, Australia,</i> <sup>3</sup><i>Center for Disease Surveillance and Research, Institute of Disease Control and Prevention Academy of Military Medical Science, Beijing, China,</i> <sup>4</sup><i>Scientific Data Center, Computer Network Information Center, Chinese Academy of Sciences, Beijing, China,</i> <sup>5</sup><i>School of Public Health and Social Work, Queensland University of Technology, Brisbane, Australia,</i> <sup>6</sup><i>Oswaldo Cruz Foundation, Brazilian Ministry of Health, Salvador, Bahia, Brazil,</i> <sup>7</sup><i>Department of Epidemiology of Microbial Diseases, Yale School of Public Health, New Haven, CT, United States</i></p>
1370	Immunological and Clinical Outcomes of Human Immunodeficiency Virus Exposed but Uninfected Infants Compared to Unexposed Uninfected Infants: a Cohort Study in Kisumu, Kenya	<p><b>Jessica Ray</b><sup>1</sup>, David Midem<sup>2</sup>, Fredrick Opinya<sup>2</sup>, Ibrahim Daud<sup>2</sup>, Sidney Ogolla<sup>2</sup>, Maxwell Majiwa Omenda<sup>2</sup>, Edwin Odhiambo<sup>2</sup>, Peter Odada Sumba<sup>2</sup>, Amy Nowacki<sup>3</sup>, Rosemary Rochford<sup>4</sup>, Arlene Dent<sup>1</sup></p> <p><sup>1</sup><i>Case Western Reserve University, Cleveland, OH, United States,</i> <sup>2</sup><i>Kenya Medical Research Institute, Kisumu, Kenya,</i> <sup>3</sup><i>Cleveland Clinic Foundation, Cleveland, OH, United States,</i> <sup>4</sup><i>University of Colorado School of Medicine, Denver, CO, United States</i></p>
1531	Stigma among <i>batey</i> residents in the Dominican Republic: implications for malaria elimination	<p><b>Hunter Keys</b><sup>1</sup>, Gregory Noland<sup>2</sup>, Madsen Beau De Rochars<sup>3</sup>, Stephen Blount<sup>2</sup>, Thomas H. Taylor<sup>4</sup>, Manuel Gonzales<sup>5</sup></p> <p><sup>1</sup><i>University of Amsterdam, Amsterdam, Netherlands,</i> <sup>2</sup><i>The Carter Center, Atlanta, GA, United States,</i> <sup>3</sup><i>University of Florida, Gainesville, FL, United States,</i> <sup>4</sup><i>Taylor Engineering, Atlanta, GA, United States,</i></p>

		<sup>5</sup> <i>Centro Nacional para el Control de Enfermedades Tropicales, Santo Domingo, Dominican Republic</i>
1901	Efficacy of artemisinin-based and quinine-based treatments for uncomplicated falciparum malaria in pregnancy in Asia: a systematic review and individual patient data meta-analysis	<b>Makoto Saito</b> <sup>1</sup> , Rashid Mansoor <sup>1</sup> , Mary E. Tyrosvoutis <sup>2</sup> , Kalynn E. Kennon <sup>1</sup> , Kasia Stepniewska <sup>1</sup> , Georgina S. Humphreys <sup>1</sup> , Mupawjay Pimanpanarak <sup>2</sup> , Moo Kho Paw <sup>2</sup> , François H. Nosten <sup>2</sup> , Philippe J. Guérin <sup>1</sup> , Rose McGready <sup>2</sup> <sup>1</sup> <i>WorldWide Antimalarial Resistance Network, Oxford, United Kingdom</i> , <sup>2</sup> <i>Shoklo Malaria Research Unit, Mae Sot, Thailand</i>
1985	Systemic inflammation and neurodevelopmental outcomes in Bangladeshi infants growing up in adversity	<b>Nona M. Jiang</b> <sup>1</sup> , Fahmida Tofail <sup>2</sup> , Jennie Z. Ma <sup>1</sup> , Rashidul Haque <sup>2</sup> , Beth D. Kirkpatrick <sup>3</sup> , Charles A. Nelson, III <sup>4</sup> , William A. Petri, Jr. <sup>1</sup> <sup>1</sup> <i>University of Virginia, Charlottesville, VA, United States</i> , <sup>2</sup> <i>International Centre for Diarrhoeal Disease Research, Bangladesh, Dhaka, Bangladesh</i> , <sup>3</sup> <i>University of Vermont, Burlington, VT, United States</i> , <sup>4</sup> <i>Boston Children's Hospital, Harvard Medical School, Boston, MA, United States</i>