Young Investigator Award Session B

Sunday, November 5, 2017, 10:00 am - 3:00 pm
Convention Center - Room 322/323 (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	Vitaliano A. Cama *Division of Parasitic Diseases and Malaria, CDC, Atlanta, GA, United States*
	Judge	Albert Ko *Yale School of Public Health, New Haven, CT, United States*
	Judge	V. Ann Stewart *USMMVP, USUHS, Bethesda, MD, United States*
6	Emergence of recombinant Mayaro virus strains from the Amazon basin, the dawn of a new epidemic?	**Carla N. Mavian**[1], Brittany D. Rife[1], James Jarad Dollar[1], Eleonora Cella[2], Massimo Ciccozzi[2], Mattia C. Prosperi[1], J Glenn Morris Jr[1], Ilaria Capua[1], Marco Salemi[1] *[1]University of Florida, Gainesville, FL, United States, [2]Istituto Superiore di Sanità, Rome, Italy*
65	Using Mobile Phones as Acoustic Sensors for High-throughput Surveillance of Mosquito Ecology	**Haripriya Mukundarajan**, Felix Hol, Erica Castillo, Cooper Newby, Manu Prakash *Stanford University, Stanford, CA, United States*
99	Monitoring and Measuring Schistosomiasis at Transmission Sites in Kenya: Sentinel Mice Coupled with Genotyping of Recovered Adult Worms	**Sarah K. Buddenborg**[1], Martin W. Mutuku[2], Ibrahim N. Mwangi[2], Gerald M. Mkoji[2], Eric S. Loker[1] *[1]University of New Mexico, Albuquerque, NM, United States, [2]Kenya Medical Research Institute, Nairobi, Kenya*
109	Seasonality of Arboviral Illness in Rural Ecuador: 2009-2016	**Rachel J. Sippy**[1], Diego Herrera[2], David Gaus[2], Ronald Gangnon[1], Jorge Osorio[1], Jonathan Patz[1] *[1]University of Wisconsin Madison, Madison, WI, United States, [2]Salud y Desarollo Andino, Pedro Vicente Maldonado, Ecuador*

329	Short-term changes in anaemia and malaria prevalence in children under-five years during one year of repeated cross-sectional surveys in rural Malawi	**Alinune N. Kabaghe**[1], Michael G. Chipeta[2], Dianne J. Terlouw[3], Martin P. Grobusch[4], Michèle van Vugt[4], Robert S. McCann[5], Willem Takken[5], Kamija S. Phiri[1] *[1]College of Medicine, Blanyre, Malawi, [2]University of Lancaster, Lancaster, United Kingdom, [3]Liverpool School of Tropical Medicine, Liverpool, United Kingdom, [4]Academic Medical Center, University of Amsterdam, Amsterdam, Netherlands, [5]Wageningen University and Research, Wageningen, Netherlands*
351	Temporal trends of parasitemia in uncomplicated *falciparum* infections in Kenya during the period of artemisinin combination therapy use in 2008 to 2016	**Agnes Cheruiyot**, Redemptah Yeda, Charles Okudo, Dennis Juma, Benard Andagalu, Matthew Brown, Hosea Akala *Kenya Medical Research Institute/United States Army Medical Research Directorate-Kenya (USAMRD-K), Walter Reed Project, Kisumu, Kenya*
711	Mapping the travel patterns of People with Malaria in Bangladesh	**Ipsita Sinha**[1], Abdullah Abu Sayeed[2], Didar Uddin[1], Sazid Ibna Zaman[1], Amy Wesolowski[3], M. Abul Faiz[4], Aniruddha Ghose[2], M. Ridwanur Rahman[5], Akramul Islam[6], M. Jahirul Karim[7], M. Kamar Rezwan[8], Abul Khair M. Shamsuzzaman[9], Sanya Tahmina Jhora[9], M. M. Aktaruzzaman[9], Hsiao-Han Chang[10], Christopher Jacob[11], Olivo Miotto[1], Dominic Kwiatkowski[12], Arjen M. Dondorp[1], Nicholas P. Day[1], M. Amir Hossain[2], Caroline Buckee[10], Richard Maude[1] *[1]Mahidol Oxford Tropical Research Unit, Bangkok, Thailand, [2]Chittagong Medical College Hospital, Chittagong, Bangladesh, [3]Harvard TH Chan School of Public Health, Harvard University, Boston, MA, United States, [4]Dev Care Foundation, Dhaka, Bangladesh, [5]Shaheed Suhrawardy Medical College, Dhaka, Bangladesh, [6]BRAC Centre, Dhaka, Bangladesh, [7]National Malaria Control Programme, Dhaka, Bangladesh, [8]Vector-Borne Disease Control, World Health Organization, Dhaka, Bangladesh, [9]Communicable Disease Control, Directorate*

		General of Health Services, Dhaka, Bangladesh, [10]Harvard T.H. Chan School of Public Health, Harvard University, Boston, MA, United States, [11]Wellcome Trust Sanger Institute, Hinxton, United Kingdom, [12]Wellcome Trust Centre for Human Genetics, University of Oxford, Oxford, United Kingdom
722	Prevalence and Predictors of Rotavirus Shedding among a Cohort of Post-Vaccinated Infants in El Alto, Bolivia 2013 - 2015	**Shanon M. Smith**[1], Paulina A. Rebolledo[2], Jessica Prince-Guerra[1], Juan S. Leon[1], Leonarda Acha Alarcon[3], Lucia Inchauste[3], Rita Revollo[4], Volga Iniguez[3] *[1]Hubert Department of Global Health, Rollins School of Public Health, Emory University, Atlanta, GA, United States, [2]Emory School of Medicine, Atlanta, GA, United States, [3]Instituto de Biotecnología y Microbiología, Universidad Mayor de San Andrés, La Paz, Bolivia, Plurinational State of, [4]Servicio Departamental de Salud, La Paz, Bolivia, Plurinational State of*
735	Submicroscopic malaria infections are not associated with negative birth outcomes in pregnant women from Colombia	**Kenneth Gavina**[1], Sedami Gnidehou[2], Eliana Arango[3], Chloe Hamel-Martineau[4], Catherine Mitran[5], Aisha Karidio[4], Shanna Banman[5], Olga Agudelo[3], Carolina Lopez[3], Jaime Carmona-Fonseca[3], Ali Salanti[6], Nicaise Ndam[7], Michael Hawkes[8], Amanda Maestre[3], Stephanie Yanow[5] *[1]Dept. of Medical Microbiology and Immunology, University of Alberta, Edmonton, AB, Canada, [2]Campus Saint-Jean, University of Alberta, Edmomton, AB, Canada, [3]Universidad de Antioquia, Medellín, Colombia, [4]Campus Saint-Jean, University of Alberta, Edmonton, AB, Canada, [5]School of Public Health, University of Alberta, Edmonton, AB, Canada, [6]University of Copenhagen, Copenhagen, Denmark, [7]University of Ghana, Accra, Ghana, [8]Pediatrics, University of Alberta, Edmonton, AB, Canada*
1010	A Longitudinal Study Over Three Years Leads To The Identification	**Karthigayan Gunalan**[1], Amadou Niangaly[2], Amed Ouattara[3], Drissa Coulibaly[2], Juliana M.

	Of *Plasmodium vivax* Infections in Duffy Blood Group Negative Children In Bandiagara, Mali	Sá[1], Matthew Adams[3], Mark A. Travassos[3], Jennifer Ferrero[3], Matthew B. Laurens[3], Abdoulaye K. Koné[2], Mahamadou A. Thera[2], Christopher V. Plowe[3], Louis H. Miller[1], Ogobara K. Doumbo[2] *[1]Laboratory of Malaria and Vector Research and National Institutes of Allergy and Infectious Diseases, National Institutes of Health, Rockville, MD, United States, [2]Malaria Research and Training Center, International Center for Excellence in Research, University of Sciences, Techniques and Technology of Bamako, Bamako, Mali, [3]Division of Malaria Research, Institute for Global Health, University of Maryland School of Medicine, Baltimore, MD, United States*
1278	Revealing biotic diversity: how do complex environments offer novel ways to control human schistosomiasis?	**Martina R. Laidemitt**[1], Martin W. Mutuku[2], Gerald M. Mkoji[2], Eric S. Loker[1] *[1]University of New Mexico, Albuquerque, NM, United States, [2]Centre for Biotechnology Research and Development, Kenya Medical Research Institute (KEMRI), Nairobi, Kenya*
1345	The consequences of censoring new infections when deriving antimalarial efficacy against uncomplicated *P. falciparum* malaria	**Prabin Dahal, on behalf of the WWARN Methods Study Group** *WorldWide Antimalarial Resistance Network, Oxford, Oxford, United Kingdom*
1377	Characterization of Sindbis Virus Circulating in Kenyan Ecosystems	**Faith Sigei**[1], Fredrick Nindo[2], Silvanos Mukunzi[3], Zipporah Ng'ang'a[1], Rosemary Sang[3] *[1]Jomo Kenyatta University of Agriculture and Technology, Nairobi, Kenya, [2]University of Cape Town, Cape Town, South Africa, [3]Kenya Medical Research Institute, Nairobi, Kenya*
1520	Spatial Associations of Leprosy and Schistosomiasisand Potential effects of the co-endemic helminth on the transmission of leprosy in the Microregion of Governador Valadares, Brazil	**Jessica L. Stephens**[1], Jose A. Ferreira[2], Lucia Alves de Oliveira Fraga[3], Julie Clennon[1], Uriel Kitron[1], Jessica K. Fairley[1] *[1]Emory University, Atlanta, GA, United States, [2]Faculdade da Saúde e Ecologia Humana, Vespasiano, Brazil, [3]Universidade Federal Juiz de Fora - Campus Governador Valadares, Governador Valadares, Brazil*

1820	Seasonal influencers for Ascaris transmission: what could they mean for public health programs and the 2020 goals?	**Emma L. Davis**, Deirdre Hollingsworth *University of Warwick, Coventry, United Kingdom*
1830	**Quantification of infection reservoirs in human visceral leishmaniasis by xenodiagnosis**	**Om Prakash Singh**[1], Puja Tiwary[1], Shakti Kumar Singh[1], Anurag Kumar Kushwaha[1], Phillip Lawyer[2], Edgar Rowton[3], Jaya Chakravarty1[1], David Sacks[4], Shyam Sundar[1] *[1]Institute of Medical Sciences, Banaras Hindu University, Varanasi, India, [2]Laboratory of Parasitic Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD, United States, [3]Division of Entomology, Walter Reed Army Institute of Research, Silver Spring, MD, United States, [4]Laboratory of Parasitic Diseases, National Institute of Allergy and Infectious Diseases, National Institute of Health,, Bethesda, MD, United States*
1918	**Helminth induced alterations in T cell, B cell, Dendritic Cell and monocyte subsets and their reversal following treatment**	**Anuradha Rajamanickam**[1], Saravanan Munisankar[1], Yukthi Bhootra[1], Dolla Chandrakumar[2], Thomas B Nutman[3], Subash Babu[1] *[1]NIH-ICER-National Institute for Research in Tuberculosis, Chennai, India, [2]National Institute for Research in Tuberculosis, Chennai, India, [3]Laboratory of Parasitic Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland, USA, Chennai, India*