

Young Investigator Award Session F

Convention Center - Room 717 (Level 7)

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.

Title	Author Block	Presentation #	Start Time	End Time
Comparative Attraction of <i>Anopheles quadriannulatus</i> and <i>Anopheles arabiensis</i> to Humans Estimated by Comparing Their Relative Abundance in Samples of Mosquito Larvae and Adults Collected Across an Ecologically Heterogeneous Landscape in Southern Tanzania	Deogratus Roman Kavishe ¹ , Katrina Anne Walsh ² , Rogath Venance Msoffe ¹ , Lily May Duggan ² , Lucia John Tarimo ³ , Fidelma Butler ² , Nicodem Govella ¹ , Emmanuel Willson Kaindoa ¹ , Gerry F. Killeen ² <i>¹Ifakara Health Institute, Ifakara, Tanzania, United Republic of, ²School of Biological Earth & Environmental Sciences, University College Cork, Cork, Republic of Ireland, Cork, Ireland, ³College of Forestry, Wildlife and Tourism, Department of Forest and Environmental Economics, Sokoine University of Agriculture Morogoro Tanzania, Morogoro, Tanzania, United Republic of</i>	6208	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM

Adult <i>Anopheles funestus</i> from different geographical locations express variable mating responses to identical cage environments in captivity	Paul Calist Mrosso¹ , Ashley M. Burke ² , Halfan Said Ngowo ¹ , Megan Amy Riddin ³ , Fredros Oketch Okumu ¹ , Bernard W.T. Coetzee ⁴ , Lizette Olayinka Koekemoer ⁵ <i>¹Ifakara Health Institute, Ifakara, Tanzania, United Republic of, ²Wits Research Institute for Malaria, Faculty of Health Sciences, University of the Witwatersrand, Johannesburg, South Africa, ³Megan, Pretoria, South Africa, ⁴Conservation Ecology Research Unit, Department of Zoology and Entomology, University of Pretoria, Pretoria, South Africa, ⁵Johannesburg, Gauteng, South Africa</i>	6217	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM
Forecasting West Nile Virus in Maricopa County using climate factors	Kayode Isaac Oshinubi <i>Northern Arizona University, Flagstaff, AZ, United States</i>	6219	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM
Fine scale spatial mapping of urban malaria prevalence for microstratification in an urban area of Ghana	Samuel Kweku Oppong <i>Curtin University, Bentley, Australia</i>	6350	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM

Prevalence and risk factors of glucose-6-phosphate dehydrogenase deficiency among a <i>Plasmodium vivax</i> malaria endemic setting in Peru	Brittany Peterson¹, Sydney Fine², James B. Jaen³, Crystyan Siles³, Renato Cava³, Gabriel Carrasco-Escobar³, Xue Wu², Hugo MR Ferrucci³, Gonzalo Domingo⁴, Veronica S. Calle³, Alejandro Llanos-Cuentas³, Michelle S. Hsiang² <i>¹University of California, San Francisco, San Francisco, CA, United States, ²Malaria Elimination Initiative, Institute for Global Health Sciences, UCSF, San Francisco, CA, United States, ³Instituto de Medicina Tropical "Alexander von Humboldt" Universidad Peruana Cayetano Heredia, Lima, Peru, ⁴PATH, Seattle, WA, United States</i>	6361	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM
Model-based assessment of chlorfenapyr-alpha-cypermethrin nets versus standard pyrethroid nets for malaria control in Tanzania	GloriaSalome Gabriel Shirima¹, Samson Kiware², Silas Mirau³, Nakul Chitnis⁴ <i>¹Ifakara Health Institute, Dar Es Salaam, Tanzania, United Republic of, ²Ifakara Health Institute, Dar es salaam, Tanzania, United Republic of, ³The Nelson Mandela African Institution of Science and Technology, Arusha, Tanzania, United</i>	6410	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM

	<i>Republic of, ⁴Swiss Tropical & Public Health Institute, Allschwil, BL, Switzerland</i>			
Break	Break	Break	Break	Break
Estimating the global burden of scrub typhus	Qian Wang¹ , Richard James Maude ² , Nicholas Day ³ , Benn Sartorius ⁴ <i>¹MORU/University of Oxford, Bangkok, Thailand, ²Mahidol Oxford Tropical Medicine Research Unit, Chester-le-Street, United Kingdom, ³Wellcome-Mahidol-Oxford Tropical Medicine Research Unit, Rajithevi, Thailand, ⁴Centre for Tropical Medicine and Global Health, Nuffield Department of Medicine, University of Oxford, Oxford, UK, Oxford, United Kingdom</i>	6630	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM
Defining the Geographic Distribution of Orthoflavivirus Seropositivity in Northern Victoria, Australia	Maxwell Braddick¹ , Marie Heloury ² , Joshua Szanyi ² , Madeleine J. Marsland ² , Tilda N. Thomson ² , Helen O'Brien ² , Chuan Kok Lim ³ , Jodie McVernon ¹ , Jim Black ² , Katherine B. Gibney ¹ <i>¹Department of Infectious Diseases, The University of Melbourne at the Peter</i>	6835	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM

	<i>Doherty Institute for Infection and Immunity, Melbourne, Australia, ²Communicable Diseases Section, Victorian Department of Health, Melbourne, Australia, ³Victorian Infectious Diseases Reference Laboratory, Melbourne Health, at the Peter Doherty Institute for Infection and Immunity, Melbourne, Australia</i>			
Investigating Opportunities for Targeted Larval Source Management in Rural Communities Where Malaria Transmission is Dominated by <i>Anopheles funestus</i>	Betwel John Msugupakulya¹ , Prashanth Selvaraj ² , Fredros Oketch Okumu ³ , Anne L. Wilson ⁴ <i>¹Ifakara Health Institute, Morogoro, Tanzania, United Republic of, ²Institute for Disease Modeling, Seattle, WA, United States, ³Ifakara Health Institute, Ifakara, Tanzania, United Republic of, ⁴Maverex Limited, Newcastle, United Kingdom</i>	7219	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM
Ecological modeling of associations between conflict, environmental factors, and dengue incidence in Sudan: A retrospective observational study	John William Carew¹ , McKinsey Medlin ¹ , Eman M. Salih ¹ , Mazza Abasher ² , Laila H. El Nil ³ , Kaveh Khoshnood ¹ <i>¹Yale School of Public Health, New Haven, CT, United States, ²Health Emergencies</i>	7438	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM

	<i>and Epidemic Control Directorate, Federal Ministry of Health, Khartoum, Sudan, ³Federal Ministry of Health, Port Sudan, Sudan</i>			
Arbovirus prevalence in mosquitoes across different land use habitats in The Gambia	Muhammed M Camara¹ , Gillian Eastwood ¹ , Marta Moreno ² <i>¹Virginia Tech University, Blacksburg, VA, United States, ²London School of Hygiene and Tropical Medicine, London, United Kingdom</i>	7455	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM
<i>Retrospective Genomic Surveillance of St. Louis Encephalitis Virus in Texas, USA from 2009-2024 Revealed Concurrent but Geographically Distinct Circulation of Genotypes II and III</i>	Alexander R. Kneubehl¹ , Michael Curtis ¹ , Daniel rehm ¹ , Bianca Wimmer ² , Bethany Bolling ³ , Steven Presley ² , Job Lopez ¹ , Shannon Ronca ¹ <i>¹Baylor College of Medicine, Houston, TX, United States, ²Texas Tech University, Lubbock, TX, United States, ³Texas Department of State Health Services, Austin, TX, United States</i>	7773	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM