

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
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
Prevalence and risk factors of glucose-6-phosphate dehydrogenase deficiency among a <i>Plasmodium vivax</i> malaria endemic setting in Peru	Brittany Peterson ¹ , Sydney Fine ² , James B. Jaen ³ , Crystyan Siles ³ , Renato Cava ³ , Gabriel Carrasco-Escobar ³ , Xue Wu ² , Hugo MR Ferrucci ³ , Gonzalo Domingo ⁴ , Veronica S. Calle ³ , Alejandro Llanos-Cuentas ³ , Michelle S. Hsiang ² <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 Shirima ¹ , Samson Kiware ² , Silas Mirau ³ , Nakul Chitnis ⁴ <i>¹Ifakara Health Institute, Dar Es Salaam, Tanzania, United Republic of, ²Ifakara Health Institute, Dar es salaam, Tanzania,</i>	6410	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM

	<i>United Republic of, ³The Nelson Mandela African Institution of Science and Technology, Arusha, Tanzania, United 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 ,	6835	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM

	<p>Katherine B. Gibney¹</p> <p><i>¹Department of Infectious Diseases, The University of Melbourne at the Peter 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></p>			
<p>Investigating Opportunities for Targeted Larval Source Management in Rural Communities Where Malaria Transmission is Dominated by <i>Anopheles funestus</i></p>	<p>Betwel John Msugupakulya¹, Prashanth Selvaraj², Fredros Oketch Okumu³, Anne L. Wilson⁴</p> <p><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></p>	7219	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM
<p>Ecological modeling of associations between conflict, environmental factors, and dengue</p>	<p>John William Carew¹, McKinsey Medlin¹, Eman M. Salih¹, Mazza Abasher², Laila H. El</p>	7438	11/9/2025 9:00:00 AM	11/9/2025 2:00:00 PM

incidence in Sudan: A retrospective observational study	Nil ³ , Kaveh Khoshnood ¹ ¹ <i>Yale School of Public Health, New Haven, CT, United States</i> , ² <i>Health Emergencies and Epidemic Control Directorate, Federal Ministry of Health, Khartoum, Sudan</i> , ³ <i>Federal Ministry of Health, Port Sudan, Sudan</i>			
Arbovirus prevalence in mosquitoes across different land use habitats in The Gambia	Muhammed M Camara ¹ , Gillian Eastwood ¹ , Marta Moreno ² ¹ <i>Virginia Tech University, Blacksburg, VA, United States</i> , ² <i>London 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. Kneubehl ¹ , Michael Curtis ¹ , Daniel rehm ¹ , Bianca Wimmer ² , Bethany Bolling ³ , Steven Presley ² , Job Lopez ¹ , Shannon Ronca ¹ ¹ <i>Baylor College of Medicine, Houston, TX, United States</i> , ² <i>Texas Tech University, Lubbock, TX, United States</i> , ³ <i>Texas 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

