#	Presenting author	Presenting author affiliation	Title	Keywords
1	Abhijit Majumder	University of Notre Dame	Understanding the immune responses to Bluetongue virus transmission in livestock host; A model-based analysis	Bluetongue virus, immune response, RT-qPCR
2	Alexander Dolnick Meyer	University of Notre Dame	Can climate predict infectious disease outbreak severity?	
3	Sang Woo Park	University of Chicago	Susceptible host dynamics explain pathogen resilience to perturbations	
4	Aman Patel	Icahn School of Medicine at Mount Sinai	A Spatially Resolved and Environmentally Informed Forecast Model of St. Louis Encephalitis Virus in Coachella Valley, California	
5	An-Chi Cheng	University of Florida	Gross Pathology and Epidemiological Features of Mule Deerpox Virus Infections in Farmed White-tailed Deer (Odocoileus virginianus) in Florida	mule deerpox virus, Poxviridae, white-tailed deer, deer farming, disease surveillance
6	Callum Arnold	Pennsylvania State University	Diagnostic Uncertainty Limits the Potential of Surveillance Systems to Identify Outbreaks & Epidemic Emergence	
7	Chunlin Yi	North Carolina State University	Modeling the impact of control zone restrictions on pig placement in simulated African swine fever in the United States	African Swine Fever, control zones, pig placement, economic impact, disease modeling, swine industry.
8	Cristian Koepfli	University of Notre Dame	Parasite sequencing to gain actionable data for malaria control and elimination: Examples from Zanzibar and the Ethiopian Highlands	
9	Guppy Stott	University of Georgia	Unified Graph Database Pipeline and Subsampling Strategies for Scalable Phylogenetics	
10	Johnny Uelmen	University of Wisconsin	Mapping Oropouche Virus Risk Through Land Cover Change and Vector Ecology	
11	Kayla Kauffman	University of California, Santa Barbara	Movement and sociodemographic predictors of zoonotic and human hookworm infection	

12	Martin C. Roland	University of Chicago	Seasonality and Sex Shape Malagasy Bat Movement Patterns in a High-Risk Spillover System	
13	Nancy Chen	Cornell University Department of Ecology and Evolutionary Biology	Reconstructing within-host dynamics of rodent malaria infections: parasite multiplication rate, synchrony, and developmental timing	
14	Mariken de Wit	Wageningen University & Research	Characterising the role of the silent reservoir in shaping vector-borne disease emergence	
15	Mariken de Wit	Wageningen University & Research	From serology to surveillance: disentangling Usutu and West Nile virus antibody cross-reactivity to estimate circulation and improve diagnostics	
16	Nicholas DeFelice	icahn school of medicine at mount sinai	Environmental Drivers of the Risk of West Nile Virus	
17	Trevor Roper	Quinnipiac University	The Role of Prescribed Fire and Forest Thinning in Tick-Host Ecology and Tick Population Control	Ticks, Fire, Hosts, Vectors, Management
18	Tyler Garwood	Department of Ecology, Evolution, and Behavior; University of Minnesota	Using targeted surveillance to explore environmental exposures associated with SARS-CoV-2 seropositivity in deer at a national scale	
19	Wakinyan Benhamou	Princeton University - HMEI / University of Montpellier - CEFE	The interplay between migration and selection on the frequency change of pathogen variants	
20	Xinyi Zhou	University of Georgia	Virulence Evolution and Transmission Dynamics of Highly Pathogenic Avian Influenza in a Multi-Host Ecosystem	phylodynamics, avian influenza, virulence
21	Albert Orwa Akuno	Department of Biological Sciences, University of Notre Dame	Cost-effectiveness analysis of the use of spatial repellents for malaria control in Sub-Saharan Africa	spatial repellents; malaria; optimal control; sub-Saharan Africa; cost-effectiveness
22	Manar Alkuzweny	University of Notre Dame	Estimating entomological effects of a spatial repellent on anopheline mosquitoes using data from a clinical trial in Kenya	mathematical modeling, malaria, vector control, clinical trials
23	Alyson Singleton	Stanford University	Highways and Hidden Epidemics: An Unseen Cost of Development	Dengue, highways, development, human mobility

24	Carol de Souza Moreira	University of Notre Dame	Navigating Diagnostic Challenges of Co-circulating Arboviruses: Bayesian Assessment of Test Accuracy for Dengue, Zika, and Chikungunya	Bayesian modeling; Differential diagnosis; Arboviruses; Diagnostic accuracy; MCMC.
25	Chloe Hasund	Harvard University	Development of a sensitive parasite genotyping tool to evaluate the efficacy of malaria interventions	genomic surveillance, malaria
26	Christina Fragel	University of Nebraska	Understanding host immune responses to viral infection through metatranscriptomics and gut microbiome	
27	Christopher Turlo	University of Notre Dame	A Forward Genetics Approach to Understanding the Clinical Failure of Artemether-Lumefantrine	Drug Resistance, Malaria, Genetics
28	Courtney L. Schreiner	University of Tennessee Knoxville	Building exposure risk: a multi-level modeling approach	
29	Ebony Saccento	University of Notre Dame	Using a mathematical model of population demography and susceptibility to predict chikungunya outbreaks.	mathematical model, susceptibility, population dynamics, outbreaks, CHIKV
30	Erica Rapheal	University of Minnesota	Quantifying ecological drivers of CHIKV infection in southern Thailand: findings from a longitudinal cohort study	
31	Eric Ng'eno, MS	University of Kansas	Potential distribution of alpha-gal syndrome in the United States – A unique emerging vector-borne disease	
32	Hannah Theriault	University at Albany	Characterizing the role of viral genotype and tick population in Powassan-tick interactions	
33	James P. Oni	University of Georgia	The combined effect of parasites and predators induce Daphnia to terminally invest	
34	Jiawei Liu	Purdue University	MultiSEED: a Theoretical Framework to Predict the Long-term Strain Diversity	
35	Kaitlyn Mitchell	Stanford University	Plastic Debris as Habitat for Disease-Transmitting Snails in Senegal	Pollution, Schistosmiasis, community engagement

36	Kalynn Cheeks	University of Richmond	Gut microbial diversity for Norway rats (Rattus norvegicus) in Richmond, Virginia - assessing zoonotic potential and environmental correlates of disease risk	Rats, Urbanization, microbiome, zoonotic pathogens
37	Lawrence Zhou	New Mexico State University	Into the Wild: Searching for sylvatic vesicular stomatitis virus (VSV) transmission in its endemic region in Chiapas, Mexico.	Vesicular stomatitis virus, sylvatic, Mexico
38	Matthew J. Ward	Icahn School of Medicine at Mount Sinai	The effects of PM2.5 and heat stress on risk for congenital Chagas transmission and adverse birth outcomes.	
39	Raquel Gonçalves	University of Pennsylvania	Irrigation, migration and infestation: a case study of Chagas disease vectors in El Pedregal, Peru	*migration, irrigation, Chagas disease, Triatoma infestans, Peru*
40	Ruijiao Sun	University of California, Santa Barbara	A Continuous-Time Microparasite Model Incorporating Infection Intensity and Parasite Aggregation	
41	Siyu Chen	Cornell University	Features influencing the health and economic impact of preventing COVID-19 in immunocompromised individuals	
42	Will Rogers	Yale University	Social behavior has simultaneous and opposing effects on disease transmission and mortality	
43	Yike Shi	Princeton University	Investigating Viral Evolution Within Hosts and Across Transmission Events in Influenza A Virus and SARS-CoV-2	
44	Andrew Chamberlin	Stanford University	Mapping Schistosomiasis Transmission Landscapes: Integrating High-Resolution Remote Sensing and Machine Learning in Northern Senegal	Schistosomiasis, Remote Sensing, Machine Learning, Landscape Epidemiology, Unmanned Aerial Vehicle
45	Andrew Chamberlin	Stanford University	Enhancing Urban Mosquito Breeding Site Detection: A Deep Learning Approach to Tire Identification in Drone Imagery from Indonesia	Deep Learning; Remote Sensing; Unmanned Aerial Vehicles; Aedes; Trash
46	Cora Hirst	Emory University	How much vaccination is needed to prevent Mpox emergence?	

47	Elissa Torgerson	University of Notre Dame	Surveillance for emerging zoonoses using bats as bioindicators: How the detection of Trypanosoma cruzi in Belize, Central America, informs public health risk	
48	Julieta Lamm-Perez	Stanford University	Environmental and Social Determinants of Rapid Dengue Spread in Guatemala	Dengue, Guatemala, Climate stress, Plantation use
49	Kiel Corkran	University of Missouri- Kansas City	Optimizing Infection Control in Nth Nursing Home Network: A Clinical and Management Approach to Shared Staffing and Disease Tranmission	
50	Kristina McIntire	University of Hawaii - Hilo	Climate-Mediated Vector Expansion and Community Dynamics: Implications for Avian Malaria Transmission in Hawai'i	avian malaria, vector, invasive species
51	Lisa Couper	UC Berkeley	Evolutionary adaptation under climate change: Aedes sp. demonstrates potential to adapt to warming	
52	Melinda Rostal	One Health Research Consulting, School of Biodiversity, One Health and Veterinary Medicine, University of Glasgow, Glasgow and Epidemiology Section, Department of Production Animal Studies, Faculty of Veterinary Science, University of Pretoria	Shifting the paradigm of Rift Valley fever virus ecology: From epidemic to hyperendemic dynamics	
53	Poojita Garg	University of Washington	AI-generated characterization of landscape risk for disease emergence in Washington	pandemics, zoonoses, land use change, AI
54	Ricardo Rivero	Washington State University	Viral tapestry: Decoding the ecological and molecular threads of hantavirus evolution	
55	Rosario Evans Pena	University of Oxford	Identifying and Predicting Artifactual Minor Variants in Viral Sequencing Data	Intrahost variation, Genomics, Sequencing bias
56	Teresia Njoroge	Indiana University School of Medicine, South Bend	Silencing the highly invasive Anopheles stephensi using yeast RNAi pesticides	

57	Tuyen Huynh	Oxford University Clinical Research Unit (OUCRU)	A probabilistic high-resolution spatiotemporal dengue forecasting system in Vietnam	Dengue, Forecasting, Machine Learning, Vietnam, Conformal Prediction
58	Aimee Massey	Oregon State University	The Impacts of Amazonian deforestation on hosts, vectors, and viruses	
59	Aleksandra Stamper	Brown University	Climate and Influenza: Evaluating Drivers Across Temperate and Tropical Climates	
60	Alyson Singleton	Stanford University	Highways and Hidden Epidemics: An Unseen Cost of Development	
61	Anna L. Bolding	University of Arkansas- Fayetteville	Investigating changes in white blood cell composition in wild hosts in response to viral infection	Ecoimmunology, Immune System, Longitudinal Monitoring, Reservoir Host, Zoonotic Pathogen
62	Aura Muniz Torres	Purdue University	Seasonal fluctuations in species presence and environmental conditions impact infection prevalence in amphibian communities	
63	Austin Mejia	Colorado State University	Mosquito Surveillance and Kaeng Khoi Virus Host Plasticity in Myanmar's Diverse Landscapes	
64	Ayla Zustra	Arizona State University	Three distinct circoviruses identified in a tapeworm recovered from a bobcat (Lynx rufus) in Arizona	
65	Brendan B Haile	University of Georgia	Subsidy or Scarcity: Variation in Food Availability Drives Dynamics of Intermittently Shed Pathogens	Disease ecology, Resource availability, Modeling
66	Cecilia A. Sánchez	Yale School of Public Health	Systematic review and meta-analysis of arbovirus prevalence in non-human primates	primate, arbovirus, meta-analysis
67	Charlie J. Voirin	Department of Ecology and Evolution, University of Chicago, Chicago, IL, USA	Reviewing experimental infection studies in the bat virus system	bat, virus, experimental, infection
68	Charlotte Ford	University of Wisconsin-Madison	CHARACTERISTICS OF THE MICROBIOME OF JUVENILE FRESHWATER MUSSELS IN THE CONTEXT OF ENIGMATIC MUSSEL DECLINES IN THE EASTERN USA	

69	Chloé Bâtie	Johns Hopkins Center for Health Security, Johns Hopkins Bloomberg School of Public Health	Advancing Pandemic Prevention and One Health: Lessons from the Pandemic Agreement Negotiations	
70	Chris Wojan	University of Minnesota	Assessing the dilution effect across natural fluctuations of small mammal diversity	biodiversty, dilution, Lyme, mammals, richness
71	Christina Harden	Penn State University	Rats in everything, everywhere, all the time: characterizing the human-rodent interface in the context of Lassa fever	zoonotic spillover, human-rodent interface, qualitative methods
72	Christopher Brandon	Colorado State University	Producing the First National-Scale African Swine Fever Transmission and Outbreak Predictions for the U.S.	African Swine Fever (ASF), Livestock movement modeling, risk assessment, disease outbreak simulation, disease control measures
73	Dale Clement	Wake Forest University	Host behavioral responses to perceived risk shape spatial disease dynamics	
74	Daniel Suh	Virginia Tech	Human transmission predicts seasonal trends in SARS-CoV-2 infections in wildlife hosts	SARS-CoV-2, wildlife, seasonality, spillover
75	Daniela Florez	University of Notre Dame	Disentangling the drivers of dengue declines amid Zika emergence: a mechanistic approach	Co-circulating arboviruses, mathematical modeling, misdiagnosis, cross-immunity, underreporting
76	David B Dayan	University of Minnesota - Twin Cities	Incorporating landscape contamination and toxicant bioaccumulation into a model of infectious disease dynamics	
77	David Chang van Oordt	Princeton University	Environmental and genetic predictors of host competence of laboratory mice to Trichuris muris infections	
78	Deepit Bhatia	Penn State University	Forecasting the impact of immunization campaigns	
79	Diego Olivo	Arizona State University	Diverse circoviruses identified in multiple migratory waterfowl species in the USA	Circoviridae, Waterfowl

80	Dongah Kim	University of Texas, Austin	City level flu forecasting	
81	Edith Lai	University of California, Santa Cruz	Epidemiology of a fungal hyperparasite of plant pathogens	hyperparasitism, fungi, mildew, plants
82	Nicholas Galle	University of Notre Dame	The indirect and net effects of climate change on future yields of maize, rice, soy, and wheat	
83	Elise Paietta	Duke University	Madagascar as a Hotspot for Viral Discovery: The DNA Viromes of Lemurs and Rodents from Captive to Natural Populations	virus discovery; metagenomics; lemurs; rodents; Madagascar
84	Gabriella Veytsel	University of Georgia	WASTEWATER-BASED EPIDEMIOLOGY CAPTURES SARS-COV-2 EARLY DETECTION, CRYPTIC TRANSMISSION, AND VARIANT DYNAMICS	
85	Gillian Tarr	University of Minnesota	Using pathogen genetics to identify locally persistent lineages of enteric infections	
86	Graham R. Northrup	University of Chicago	The impacts of strain updates on immune responses to influenza vaccines	Modeling, vaccination, immunogenicity
87	Gwenddolen Kettenburg	Department of Ecology and Evolution, University of Chicago, IL, USA	Henipavirus, nobecovirus, and rabies-like lyssavirus seasonality in Malagasy fruit bats	
88	Isaac Larbi Osew	Yale University	Efficacy of Integrated Landscape-Scale Tick Management in Controlling Tick-Borne Infections	Tick control, effectiveness, combinatorial treatments, white-footed mouse, landscape
89	Jeannette E. Cullum	University of Illinois Urbana-Champaign	Like mother like daughter? Multiple stressors and transgenerational plasticity	
90	Jessica N. Sanchez	Utah State University	Identifying behaviors and perceptions of risk in wildlife supply chains in Africa and Asia	
91	Joe DeMarchi	University of Tennessee	Shedding Light on Shedding: A Load-Dependent Framework Reveals Bullfrogs as the Most Competent Host of a Fungal Pathogen	Competence, host-parasite interaction, shedding, amphibian, chytrid
92	Johannah Farner	Stanford University	Heatwaves and their timing alter parasitism on a mosquito host	

93	Jordan Love	University of Louisiana at Lafayette	"De Novo Genome Assembly of Oropsylla hirsuta: Implications for Plague Transmission in Prairie Dogs"	Ectoparasites,Genome,Plague
94	K.M. Talbott	University of Memphis; University of San Diego	Role of season and host sex in host responses to repeated pathogen exposure	Ecoimmunology, Mycoplasma gallisepticum, house finch, seasonality, life history trade-offs
95	Kaitlyn Mitchell	Stanford University	Plastic Debris as Habitat for Disease-Transmitting Snails in Senegal	
96	Kaiyue Zou	Penn State University	Periodic intensification of routine immunization's (PIRI): modeling a novel strategy to supplement routine and pulsed measles vaccination	