

**CM4559: International Conference on Emerging Infectious Diseases  
(In-Person and Virtual)  
(Credit expires 9/12/2022)**

**FACULTY/CREDENTIALS:**

Session Title	Date	Time	Speakers
Opening Keynote Session: Preparing for the Next Pandemic	08/07/22	5:30 PM	Reed Tuckson, MD, Managing Director, Tuckson Health Connections Soumya Swaminathan, MD, Chief Scientist, World Health Organization Joshua Sharfstein, MD, Vice Dean For Public Health Practice And Community Engagement, Johns Hopkins Bloomberg School of Public Health
Session A1. Molecular Evolution of COVID	08/08/22	8:00 AM	William P. Hanage, PhD, Associate Professor of Epidemiology (CCDD), Harvard
Session A2. Adult Vaccines: What's on the Horizon	08/08/22	8:00 AM	Tara C. Jatlaoui, MD MPH, LCDR, Lead, Research, Monitoring and Evaluation for Adult Immunization, Centers for Disease Control and Prevention
Session A3. Public Health Authority During an Emergency (Multiple Diseases)	08/08/22	8:00 AM	Jose Romero, MD, FAAP, FAAAS, FIDSA, FPIDS, Director, NCIRD, CDC
Session A4. Ethics of Research During Infectious Disease Epidemics	08/08/22	8:00 AM	David B. Resnik, JD, PhD, Bioethicist, National Institute of Environmental Health Sciences, National Institutes of Health
Session B1. Genomic Sequencing for Outbreaks	08/08/22	9:10 AM	Pardis Sabeti, M.D., D.Phil. M.Sc., Professor, Harvard University and Harvard T.H. Chan School of Public Health, Howard Hughes Medical Institute
Session B2. Travelers' Health	08/08/22	9:10 AM	Annelies Wilder-Smith, MD Professor of Emerging Infectious Diseases Institute of Social and Preventive Medicine, University of Berne, Switzerland
Session B3. Lessons Learned During Early Response Efforts to the COVID Pandemic	08/08/22	9:10 AM	Marcelle Layton, MD, Chief Medical Officer, Council of State and Territorial Epidemiologists
Session B4. Distribution and Information Systems for COVID-19 Vaccines	08/08/22	9:10 AM	Agha Nabeel Khan, MBBS, MPH, MBA, Senior Advisor for Informatics, CDC Arunkumar Srinivasan, PhD, Deputy Director for Informatics, CDC

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Session C1. Diagnostics Development Technologies for the Next Pandemic	08/08/22	10:30 AM	Ellen P. Carlin, DVM, Assistant Research Professor, Georgetown University, Center for Global Health Science and Security Charles Chiu, MD/PhD, Professor, Laboratory Medicine and Medicine / Infectious Diseases, University of California, San Francisco Cameron A. Myhrvold, PhD, Assistant Professor, Department of Molecular Biology, Princeton University
Session C2. Recent Outbreaks of Emerging and Re-emerging Diseases	08/08/22	10:30 AM	Hannah Kirking, MD, Team Lead, Outbreak Response and Community Transmission Team, Respiratory, Viruses Branch/Division of Viral Diseases, US Centers for Disease Control and Prevention Placide Mbala-Kingebeni, MD, MSc., PhD, Head of Epidemiology Department Andrea McCollum, PhD, MS, Poxvirus Epidemiology Team Lead, CDC
Session C3. Global Health Security: Building Sustainable Systems for Current and Future Response	08/08/22	10:30 AM	Franklyn Edwin Prieto Alvarado, MD, PhD, Technical Director, Department of Public Health Surveillance and Risk Analysis, Instituto Nacional de Salud Michael Mahar, PhD, Associate Director for Global Health Security, US Centers for Disease Control and Prevention Leonard Peruski, PhD, MSc, Lead, International Laboratory Operations, Division of Global Health Protection, Center for Global Health, U.S. Centers for Disease Control and Prevention
Session C4. Eliminating and Eradicating Disease: Polio, Rabies, PPR, and Malaria	08/08/22	10:30 AM	Kim Lindblade, PhD, MPH, FASTMH, Epidemiologist, US Centers for Disease Control and Prevention Thumbi Mwangi, PhD, Associate Professor, Paul Allen School for Global Health, Washington State University Felix Njeumi, PhD, Coordinator FAO/WOAH PPR GEP Secretariat, Food and Agriculture Organization of the United Nations (UN-FAO) John F. Verefeuille, PhD, Director (acting), Global Immunization Division, US Centers for Disease Control and Prevention
Session D1. Data Modernization <b>(CE not offered for this session)</b>	08/08/22	1:30 PM	Kate Goodin MPH, MS, Director of Surveillance Systems and Informatics, Tennessee Department of Health

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			Daniel Jernigan, MD, MPH, Deputy Director for Public Health Science and Surveillance, CDC
Session D2. Role of Partners in Diagnostic Testing <b>(CE not offered for this session)</b>	08/08/22	1:30 PM	Reynolds M. Salerno, PhD, Director, Division of Laboratory Systems, CDC Gavin Cloherty, PhD, Head Infectious Disease Research, Abbott Laboratories Sergio Carmona, MD, PhD, Chief Medical Officer, Campus Biotech
Session D3. Emerging Infections Now and On the Horizon: Insights from the EID Editorial Board	08/08/22	1:30 PM	David O Freedman, MD, Professor Emeritus of Infectious Diseases, University of Alabama at Birmingham Isaac Chun-Hai Fung, PhD, Associate Professor of Epidemiology, Georgia Southern University Shawn Lockhart, PhD, D(ABMM) FAAM, Senior Clinical Laboratory Advisor, CDC Ann M Powers, PhD, Virology Team Lead, Division of Vector-Borne Diseases, CDC/DVBD Neil M. Vora, MD, Policy Fellow, Conservation International
Session D4. HIV: The Evolution of PrEP and Antiretroviral Therapy	08/08/22	1:30 PM	Carlos del Rio, MD, Distinguished Professor of Medicine, Emory University School of Medicine Roy Gulick, MD, MPH, Rochelle Belfer Professor in Medicine; Chief, Division of Infectious Diseases, Weill Cornell Medicine Renee Heffron, PhD MPH, Professor, University of Alabama Birmingham
Session F1. Infodemiology	08/09/22	8:00 AM	Eric Ball, MD, FAAP, Pediatrician, CHOC Primary Care Network
Session F2. Hepatitis B and C: Elimination as a Public Health Goal	08/09/22	8:00 AM	Nicole Seguy, MD, MPH, Regional Advisor HIV, hepatitis and STIs, WHO Europe
Session F3. Long-term Complications Post-COVID	08/09/22	8:00 AM	Erica S Spatz, MD, MHS, Associate Professor, Section of Cardiovascular Disease, Yale School of Medicine
Session F4. Climate Change and Emerging Infectious Diseases	08/09/22	8:00 AM	Kristie L. Ebi, Ph.D., MPH, Professor, Center for Health and the Global Environment
Session G1. Progress Towards Universal Flu Vaccines	08/09/22	9:10 AM	Barney S. Graham, MD, PhD, Professor and Senior Advisor of Global Health Equity, Morehouse School of Medicine
Session G2. Health Equity	08/09/22	9:10 AM	Mary A. Pittman, MPH, MCP, DrPH, President & CEO, Public Health Institute

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Session G3. Impact of COVID Infection on Children	08/09/22	9:10 AM	Samina Bhumbra, MD, FAAP, Assistant Professor of Clinical Pediatrics, Medical Director of Riley Hospital for Children Infection Prevention Program, Indiana University School of Medicine/Riley Hospital for Children at IU Health
Session G4. Vector-borne Diseases: New Approaches to Vector Control and Effects of Climate Change	08/09/22	9:10 AM	Maria Diuk-Wasser, PhD, Professor, Columbia University; Schermerhorn Ext.
Session H1. Vaccine Hesitancy	08/09/22	10:30 AM	Karen Ernst, MA, Program Director, Task Force for Global Health Paul Offit, MD, Professor of Pediatrics, The University of Pennsylvania School of Medicine Hermant Shukla, MD, Team Leader, Country Support, Polio Eradication, Regional Office for the Eastern Mediterranean, World Health Organization
Session H2. Pandemic Preparedness and Response	08/09/22	10:30 AM	Scott J. Becker, MS, Chief Executive Officer, Association of Public Health Laboratories Irina Gelman, DPM, MPH, PhD, Commissioner of Health, Orange County Department of Health Kimberly Hayman RN, Director, Office of Faith-based Outreach, Arkansas Department of Health
Session H3. The Science of SARS CoV-2	08/09/22	10:30 AM	Daniel Barouch, MD, PhD, Professor of Medicine, Beth Israel Deaconess Medical Center Marion Koopmans, DVM, PhD, Head Department of Viroscience, Erasmus MC Natalie J. Thornburg, PhD, Lead research microbiologist Division of Viral Diseases, Centers for Disease Control and Prevention
Session H4. Hepatitis A: Re-emergence of a Vaccine Preventable Disease	08/09/22	10:30 AM	Megan Hofmeister, MD, MS, MPH, Physician, Centers for Disease Control and Prevention Julia Latash, MPH, City Research Scientist, New York City Department of Health and Mental Hygiene Eric C. McDonald, MD, MPH, FACEP, Chief Medical Officer, Medical Care Services, County of San Diego Health & Human Services Agency
Session I1. The Promise of mRNA Vaccines for Infectious Diseases Beyond COVID-19 <b>(CE not offered for this session)</b>	08/09/22	1:30 PM	Ross England, MD, PhD, Fellow, Infectious Diseases, Children's Hospital of Philadelphia Raffael Nachbagauer, MD, PhD, Program Leader & Sr. Director, Clinical Development, Moderna Tx.

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			Kathleen M. Neuzil, MD, MPH, Director, Center for Vaccine Development and Global Health, University of Maryland School of Medicine
Session I2. Legionnaires' Disease in the United States: A Watershed Moment	08/09/22	1:30 PM	Paul Gacek, MPH, Epidemiologist 3, Legionella Surveillance Coordinator, Waterborne Disease Coordinator, Connecticut Department of Public Health Jessie Gleason, MSPH, Research Scientist II, NJ Department of Health Elizabeth Hannapel, MPH, Epidemiologist, Centers for Disease Control and Prevention
Session I3. Point of Care Testing Usage <b>(CE not offered for this session)</b>	08/09/22	1:30 PM	Sheldon Campbell M.D., Ph.D., Professor of Laboratory Medicine, Yale School of Medicine, Pathology and Laboratory Medicine, VA Connecticut Health Care Syamal Raychaudhuri, PhD, Founder and CSO, InBios International Joanne Stekler, MD, MPH, Professor, Department of Medicine, Division of Allergy & Infectious Diseases, Adjunct Associate Professor, Department of Epidemiology, Adjunct Associate Professor, Department of Global Health, University of Washington Harborview Medical Center
Session I4. Navigating and Countering the Minefield of Misinformation on Social Media	08/09/22	1:30 PM	Peter Hotez MD PhD, Dean National School of Tropical Medicine, Baylor College of Medicine Neil F. Johnson, PhD, Professor, George Washington University Claire Wardle, PhD, Professor, Brown University Katherine J. Wu, Ph.D., Staff Writer, The Atlantic
Session K1. Lessons Learned from Recurring Ebola Virus Disease Epidemics and Ring Vaccine Use	08/10/22	8:00 AM	Alhassane Toure (At), MD, Medical Officer, World Health Organization/WHE R&D Blueprint Unit
Session K2. Mental Health and Social Impacts/Disruptions of COVID	08/10/22	8:00 AM	Catherine K. Ettman, PhD, Postdoctoral research fellow, Johns Hopkins Bloomberg School of Public Health
Session K3. Antimicrobial Resistance	08/10/22	8:00 AM	Dominique L. Monnet, PharmD PhD, Head of Section, Antimicrobial Resistance and Healthcare-Associated Infections (ARHAI), European Centre for Disease Prevention and Control (ECDC)

Session Title	Date	Time	Speakers
Session K4. National Public Health Response to COVID: Lessons Learned and Ways Forward	08/10/22	8:00 AM	Henry Walke, MD, MPH, Director for Preparedness and Response, Centers for Disease Control and Prevention
Session L1. Expanding Regional Learning Communities and Data Driven Community Decision Making	08/10/22	9:10 AM	David M. Hartley, PhD, MPH, Associate Professor of Pediatrics, Cincinnati Children's Hospital, James M. Anderson Center for Health Systems Excellence; Department of Pediatrics, University of Cincinnati, College of Medicine
Session L2. Public Health Service and Emerging Infections	08/10/22	9:10 AM	Anne Schuchat, MD, Former Principal Deputy Director, Centers for Disease Control & Prevention, Rear Admiral, US Public Health Service (Retired)
Session L3. New Tools for an Old Disease – Molecular Detection of TB Drug Resistance	08/10/22	9:10 AM	Timothy Rodwell, MD, PhD, MPH, Professor of Medicine, University of California, San Diego
Session L4. Public Health Informatics	08/10/22	9:10 AM	Matthew Samore, MD, Professor, Internal Medicine, Chief, Division of Epidemiology, Director Salt Lake Informatics, Decision Enhancement, and Analytic Science Center, University of Utah
Session M1. Special Populations at Risk of Severe Disease from COVID-19	08/10/22	10:30 AM	Sascha Ellington, PhD, MSPH, CPH, Emergency Preparedness and Response Team Lead in the Division of Reproductive Health, Division of Reproductive, Centers for Disease Control and Prevention Amy Board, DrPH, Health Scientist, Centers for Disease Control and Prevention Marci Roth, BS, Executive Director and CEO, World Institution on Disability
Session M2. COVID-19 Breakthrough Cases, Variants, and Genomics	08/10/22	10:30 AM	Hiam Chemaitelly, PhD, Assistant Professor of Research in Population Health Sciences, Weill Cornell Medicine-Qatar Nathan Grubaugh, PhD, Associate Professor of Epidemiology, Yale School of Public Health Heather Scobie, PhD, MPH, Deputy Lead, Surveillance and Analytics Team, Centers for Disease Control and Prevention

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Session M3. Pushing the Frontiers of Foodborne Disease: Advanced Technologies Collide with the Real World	08/10/22	10:30 AM	Jennifer Beal, MPH, Supervisor, Signals & Surveillance Team Leader, CORE, FDA's Coordinated Outbreak Response and Evaluation (CORE) Network Heather Carleton, MPH, PhD, Branch Chief, Enteric Diseases Laboratory Branch DFWED/NCEZID/CDC Jennifer McEntire, Ph.D., Chief Food Safety & Regulatory Officer, International Fresh Produce Assn Erica Rose, PhD, Epidemiologist, Centers for Disease Control and Prevention
Session M4. One Health	08/10/22	10:30 AM	Casey Barton Behravesh, MS, DVM, DrPH, Director, CDC One Health Office, NCEZID, CDC Wondwossen A. Gebreyes DVM, PhD, Dipl ACVPM, Professor and Executive Director, Global One Health initiative, The Ohio State University Ed Topp Ph.D., Principal Research Scientist, Agriculture and Agri-Food Canada
Session N1. RTS,S Malaria Vaccine Implementation Pilot Results and Policy Implications	08/10/22	1:30 PM	Eliane Furrer, MSc, MA, Technical Officer, Malaria Vaccines, World Health Organization (WHO), Immunizations, Vaccines & Biologicals (IVB) Department Titus Kwambai, MD, PhD, Public Health Technical Advisor, US Centers for Disease Control and Prevention, Kenya Malaria Program Saira Nawaz, PhD MPH, Senior Evaluation Officer, Path
Session N2. Acute Flaccid Myelitis and Enterovirus D68	08/10/22	1:30 PM	Kimberley S.M. Benschop, PhD, Lead scientist enterovirus and hepatitis B virus laboratory surveillance, Centre for Infectious Disease Research, Diagnostics and Laboratory Surveillance (IDS), Centre for infectious Disease Control (Cib), National Institute for Public Health and the Environment (RIVM) Kevin Messacar, MD, Associate Professor of Pediatric Infectious Diseases, University of Colorado/Children's Hospital Colorado Claire Midgley, PhD, Epidemiologist, Centers for Disease Control and Prevention
Session N3. Displacement and COVID-19: Pandemic Response Among Refugees, People Experiencing Homelessness, and Seasonal Workers	08/10/22	1:30 PM	Joshua A Barocas, MD, (Visiting) Associate Professor of Medicine, University of Colorado Anschutz Medical Campus Maya Ramaswamy, PhD, MEng, Health Scientist, Emergency Response and Recovery

Session Title	Date	Time	Speakers
			Branch, Centers for Disease Control and Prevention Leisel Talley DrPH MPH, Epidemiologist, team lead Humanitarian Health, Centers for Disease Control and Prevention
Session N4. Applied Epidemic Forecasting	08/10/22	1:30 PM	Matthew Biggerstaff, ScD, MPH, Epidemiologist, CDC Helen Johnson MSc, Intelligence Analyst, European Commission, DG-HERA Lauren Ancel Meyers, PhD, Professor, University of Texas at Austin

**ORIGINATION DATE:** 8/7/2022

**EXPIRATION DATE:** 9/12/2022

**URL:** <http://www.iceid.org/>

**TARGET AUDIENCE:** Administrators, CHES certified health educators, Physicians, Epidemiologists, LPNs, LVNs, Medical assistants, medical students, NPs, nurse technicians, other health educators, Pharmacists, PAs, program managers RNs

**PREREQUISITES:** Participants should have a basic educational background in science including general knowledge in the subject areas of biology, immunization, and vaccine-preventable diseases.

**FORMAT:** This course is Live material.