Dr. Robert E. Brackett, Ph.D., M.S.

Dr. Robert Brackett is Director and Vice President of the National Center for Food Safety and Technology (NCFST) at Illinois Institute of Technology (IIT). Dr. Brackett has nearly 30 years of experience in scientific research in industry, government, and academia. His work has focused primarily on the areas of food safety, defense, and nutrition. Prior to his post at NCFST, he served as Senior Vice President and Chief Science and Regulatory Officer for the Grocery Manufacturers Association (2007 to 2010); was Director of the U.S. Food and Drug Administration's Center for Food Safety and Applied Nutrition (FDA CFSAN), and held professorial positions within North Carolina State University (Raleigh) and the University of Georgia. Dr. Brackett is a fellow in the International Association for Food Protection and American Academy of Microbiologists, and a member of the International Association for Food Protection, Institute of Food Technologists, and the American Society for Microbiology. He has been honored with the FDA Award of Merit, the International Association for Food Protection's President's Appreciation Award, and the William C. Frazier Food Microbiology Award.

Dr. Radford G. Davis, D.V.M., M.P.H., Diplomate A.C.V.P.M.

Dr. Radford Davis is an Associate Professor in the Department of Veterinary Microbiology and Preventive Medicine at Iowa State University's College of Veterinary Medicine. He also is an instructor of public health, zoonoses, and epidemiology at Des Moines University. Prior to these posts, Dr. Davis was Adjunct Assistant Professor in the Department of Epidemiology at the University of Iowa's College of Public Health. Additionally, he was Assistant Director of the Center for Food Security and Public Health in the Department of Veterinary Microbiology and Preventive Medicine and Adjunct Assistant Professor of Public Health within the College of Veterinary Medicine at Iowa State University. Dr. Davis has been involved in numerous professional activities that include: service on multiple committees of the American Association of Veterinary Medical Colleges; Trainer for Mississippi State Animal Response Teams; service on the Editorial Review Board for Clinician's Brief, a peer-reviewed veterinary journal, and reviewer of books on topics related to veterinary medicine.

Dr. Duane J. Gubler, Sc.D., M.S.

Dr. Duane Gubler is Director of the Asia-Pacific Institute for Tropical Medicine and Infectious Diseases; Professor and Director of the Program on Emerging Infectious Diseases at Duke-National University of Singapore (NUS) Graduate Medical School; and former Chair of the Department of Tropical Medicine, Medical Microbiology and Pharmacology at the University of Hawaii's John A. Burns School of Medicine. In Southeast Asia, he established the first virologic surveillance program for dengue hemorrhagic fever. In addition, Dr. Gubler served as Director of the Division of Vector-Borne Infectious Diseases, National Center for Infectious Diseases, Centers for Disease Control and Prevention (CDC), as Chief of CDC's Dengue Branch, and on numerous World Health Organization (WHO) committees. Dr. Gubler also coordinated emergency response efforts to vector-borne disease epidemics, including many dengue epidemics, the global response to the 1994 plague epidemic (India), the 1999–2004 West Nile virus epidemic (U.S./ Western Hemisphere), and the National Lyme Disease program (U.S.). He is a Fellow of the Infectious Disease Society of America, Fellow of the American Association for the Advancement of Science, and past President of the American Society of Tropical Medicine and Hygiene.

Dr. Peter Hotez, M.D., Ph.D.

Dr. Peter Hotez is Distinguished Research Professor, and Walter G. Ross Professor and Chair of the Department of Microbiology, Immunology, and Tropical Medicine at The George Washington University (GWU) in Washington, D.C. Dr. Hotez also is President of the Sabin Vaccine Institute. Dr. Hotez' academic research focuses on vaccine development for a wide range of neglected tropical diseases around the globe. Dr. Hotez founded the Human Hookworm Vaccine Initiative (HHVI) at Sabin and was instrumental in creating the Global Network for Neglected Tropical Diseases. He is also the Founding

Editor-in-Chief of PLoS Neglected Tropical Diseases. Dr. Hotez was elected into the Institute of Medicine of the National Academies in 2008, and was named President of the American Society of Tropical Medicine and Hygiene in 2010.

Prof. Stephen S. Morse, Ph.D.

Dr. Stephen Morse is Professor of Clinical Epidemiology at Columbia University's Mailman School of Public Health and Founding Director and Senior Resident Scientist of the Center for Public Health Preparedness. He is currently Director of PREDICT, a U.S. AID-funded project to develop a global warning system for newly emerging diseases. Previously, Dr. Morse was program manager for biodefense at the Defense Advanced Research Projects Agency (DARPA), Department of Defense, where he co-directed the Pathogen Countermeasures program and subsequently directed the Advanced Diagnostics program. Dr. Morse was chair and principal organizer of the 1989 NIAID/NIH Conference on Emerging Viruses, for which he originated the term and concept of emerging viruses/infections and served as a member of the Institute of Medicine/National Academy of Sciences' Committee on Emerging Microbial Threats to Health. He currently serves on the Steering Committee of the Institute of Medicine's Forum on Microbial Threats and the National Academy of Sciences' Committee on Future Biowarfare Threats. He was the founding chair of ProMED (the nonprofit international Program to Monitor Emerging Diseases) and was one of the originators of ProMED-mail, an international network inaugurated by ProMED in 1994 for outbreak reporting and disease monitoring using the Internet.

Prof. Arthur L. Reingold, M.D., M.P.H.

Dr. Arthur Reingold is Professor of Epidemiology and Head of the Division of Epidemiology at the School of Public Health, University of California, Berkeley (UCB). He is also Professor of Epidemiology and Biostatistics and Clinical Professor of Medicine at the University of California, San Francisco (UCSF). Prior to joining UCB, Dr. Reingold worked in the Centers for Disease Control and Prevention (CDC) Epidemic Intelligence Service. While working with the CDC, Reingold helped identify Legionnaires' disease and toxic shock syndrome. Dr. Reingold currently serves on the World Health Organization's Strategic Advisory Group of Experts on vaccines and vaccine policy; is Director of the California Emerging Infections Program, and is Director of the NIH Fogarty AIDS International Training and Research Program at the University of California, Berkeley/UCSF. Dr. Reingold was elected to the Institute of Medicine in 2003 and holds the inaugural Edward E. Penhoet Distinguished Chair in Global Public Health and Infectious Diseases at the UCB School of Public Health.

Prof. Kennedy F. Shortridge, Ph.D., D.Sc. (Hon), C.Biol.

Dr. Kennedy F. Shortridge is Emeritus Professor of The University of Hong Kong where he previously held the Chair of Microbiology. His pioneering work on the ecology of influenza viruses focused on the origins of pandemic human influenza viruses. Dr. Shortridge first identified the H5N1 virus in chicken in Hong Kong in 1997, the causative agent of the outbreak resulting in the deaths of six of 18 patients. This was the first time a purely avian influenza virus was recognized as causing respiratory infection and death in humans. Dr. Shortridge was involved in the decision to depopulate poultry across the Hong Kong SAR to prevent the spread of the virus to humans. The principles learned in the H5N1 investigation led to the quick response and elimination of the civet cat as the immediate major source of the SARS virus for humans in 2003. He was jointly awarded the highly prestigious Prince Mahidol Award in Public Health of 1998 for services to the global community in dealing with the 5N1 virus.HHH5N1 virus.

Dr. Travis J. Taylor, Ph.D.

Dr. Travis Taylor is a Science Officer at the Global Viral Forecasting Initiative. He has been involved in science policy, international disease surveillance, and national security for more than a decade. After receiving his Ph.D. in Virology from Harvard University, Dr. Taylor was selected as an American Association for the Advancement of Science (AAAS) Science and Technology Policy Fellow at the U.S. Department of Defense (DoD). At the DoD, Dr. Taylor served as a technical advisor for the Biological Threat Reduction Program and assisted the development of surveillance and research programs in the former Soviet Union. For the past five years, Dr. Taylor has provided technical expertise for the World Bank, the U.S. Department of State and the U.S. Department of Homeland Security. As an advocate of fusing emerging technologies and the One Health model, he has traveled the world developing strategies for resource-poor countries to detect and respond to diseases.

Dr. Madeleine C. Thomson, Ph.D.

Dr. Madeleine C. Thomson is a senior research scientist at the International Research Institute for Climate and Society (IRI), the Earth Institute, Columbia University, where she directs Impacts Research, chairs the Africa Regional Program and supports the IRI-PAHO-WHO collaborating center activities. She trained originally as a field entomologist and has spent much of her career engaged in operational research in support of large-scale health interventions, mostly in Africa. Her research focuses on improving the understanding of the impact of climate variability and change on health outcomes and on the development of new tools for improving climate-sensitive health interventions. Dr. Thomson has been instrumental in the formation of a WHO-led international research and operational partnership, Meningitis Environmental Risk Information Technologies. As a member of the MERIT Steering Committee she has been working with international, regional, and national organizations to improve the understanding of the climatic and environmental determinants of meningococcal meningitis and to use this information to improve prevention and control programs. She has become increasingly interested in improving institutional and human capacity for incorporating climate information into public health decision-making.

Dr. Nathan Wolfe, D.Sc., M.A.

Dr. Nathan Wolfe is Lorry I. Lokey Visiting Professor in Human Biology at Stanford University, and is the founder and Director of the Global Viral Forecasting Initiative (GVFI), a pandemic early warning system which monitors the spillover of novel infectious agents from animals into humans. He is also an adjunct Professor at Johns Hopkins University's Bloomberg School of Public Health. He formerly held the posts of full Professor at University of California Los Angeles and Assistant Professor at Johns Hopkins. He has extensive consulting experience on projects such as the Verona FAO-OIE-WHO joint technical consultation on Avian Influenza at the Human-Animal Interface, the University of California Los Angeles-University of North Carolina Democratic Republic of the Congo Monkeypox project, the U.S. Military HIV Research Program, and the International AIDS Vaccine Initiative. Dr. Wolfe has also served on numerous advisory and editorial boards, including the editorial board of EcoHealth, DARPA's Defense Science Research Council (DSRC), and the Mountain Gorilla Veterinary Project. He was awarded a Fulbright fellowship in 1997, the National Institutes of Health (NIH) International Research Scientist Development Award in 1999, and the NIH Director's Pioneer Award in 2005.