



OPEN MEDICAL INSTITUTE

FACULTY BOOKLET

OMI VIETNAM
GLOBAL HEALTH:
PANDEMICS
(ORIGIN, RESPONSE, AND
PREPAREDNESS)

March 22-26, 2026



OMI Vietnam Institut Pasteur Seminar in Global Health: Pandemics (Origin, Response, and Preparedness)
Sunday, March 22 – Thursday, March 26, 2026

	Sunday 22.03.2026	Monday 23.03.2026	Tuesday 24.03.2026	Wednesday 25.03.2026	Thursday 26.03.2026
07:00	08:00	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST
08:00	09:00	Introductions Pre-Seminar Test	Animal Reservoirs, Zoonosis, and Spillovers	The First 100 Cases/ Days: When the Pandemic Hits	COVID-19: The Perfect Storm
09:00	10:00	Introduction to Pandemics Arnaud Fontanet, MD, MPH, DrPH			
10:00	10:30	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
10:30	11:30	Introduction to Pandemics Arnaud Fontanet, MD, MPH, DrPH	The Power of Surveillance in Pandemic Prevention Natalie Fischer, PhD	Risk Assessment: Methods, Application, and Lessons Learned	COVID-19: The Perfect Storm Arnaud Fontanet, MD, MPH, DrPH
11:30	12:30	Epidemiological Indicators Arnaud Fontanet, MD, MPH, DrPH	Pathogen Discovery Erik A. Karlsson, PhD		Post-Seminar Test Evaluation & Discussion
12:30	14:00	LUNCH	LUNCH	LUNCH	LUNCH
14:00	15:00	The Last Mile to Disease Eradication Quang Chan Luong, MD, MSc	Pathogen Discovery Erik A. Karlsson, PhD	TableTop Simulation Exercise Outbreak Response Natalie Fischer, PhD Diana Jeang, MD	GRADUATION CEREMONY Certificates Awarded
15:00	16:00	Measles Case Study	HSN1 Case Study		
16:00	17:00	Quang Chan Luong, MD, MSc	Erik A. Karlsson, PhD		
17:00	18:00				
18:00	19:00	FACULTY MEETING TO REVIEW THE WEEK			
19:00	20:00	DINNER	DINNER	DINNER	DEPARTURES



Wolfgang Aulitzky, MD

CEO | Open Medical Institute
American Austrian Foundation

Associate Dean and Gerhard Andlinger Professor
International Medicine and Distance Learning
Adjunct Professor of Clinical Urology
Adjunct Professor of Clinical Reproductive Medicine
Weill Cornell Medicine

Adjunct Professor of Pediatrics
Perelman School of Medicine | Children's Hospital of Philadelphia

Associate Professor of Urology
Medical University of Innsbruck

Wolfgang Aulitzky, MD is the Medical Director of the American Austrian Foundation. He is the Associate Dean of International Medicine and Distance Learning, Adjunct Professor of Clinical Urology, and Adjunct Professor of Clinical Reproductive Medicine at Weill Cornell Medicine. In 2016, he was appointed as an Adjunct Professor of Pediatrics in the Associated Faculty of the Perelman School of Medicine at the Children's Hospital of Philadelphia. He is also an Associate Professor of Urology at the Medical University of Innsbruck and a Visiting Professor at the Medical University of Vienna. Amongst others, he is a member of the American, German, and Austrian Societies of Urology and was awarded the Zuckerkandlpreis of the Austrian Society of Urology in 1989. He received the Silver Medal in 1995, the Golden Medal for Merits to the Republic of Austria in 2007, and the Cross of Honor of the Land Salzburg in 2014. As Director of the Medical Program of the American Austrian Foundation, he initiated the Open Medical Institute, a scientific and educational collaboration of Weill Cornell Medicine, Children's Hospital of Philadelphia, Duke University, Columbia University, Cleveland Clinic, and leading hospitals in Austria. Dr. Aulitzky earned his medical degree at the University of Innsbruck in 1977, was a research associate at the University of Uppsala, Sweden and Rockefeller University, New York. He received his education as a urologist at the University of Innsbruck and the General Hospital of Salzburg. He is the author of more than 140 publications on Urology, Andrology and Health Care issues, and is the co-author of books on basic and clinical urology/andrology.



**Arnaud Fontanet, MD, MPH, DrPH
(Course Director)**

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Arnaud Fontanet, MD, MPH, DrPH is a medical epidemiologist specialized in infectious diseases epidemiology. After spending several years in Thailand and in Ethiopia working on malaria and AIDS, respectively, he joined Institut Pasteur in 2002 to launch the Emerging Diseases Epidemiology unit. There, his focus has been on viral hepatitis and emerging viruses. In 2014, he was appointed as Director of the newly created Centre for Global Health at Institut Pasteur. Arnaud Fontanet is also Professor of Public Health at the Conservatoire National des Arts et Métiers, where he is Director and co-founder of the Pasteur-Cnam School of Public Health and was named in 2018-19 Guest Public Health Professor at the Collège de France. In March 2020, he was appointed to the Scientific Councils advising the French government and the EC President during the COVID-19 crisis.



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Hien Do, MD, BSc, MPH is an epidemiologist in the Health Security and Emergency Program at the World Health Organization Country Office in Viet Nam. With more than twenty-five years of experience in public health practice, Dr. Hien has established a track record in health emergencies, disease outbreak management, and public health training curriculum development, specializing in applied epidemiology in Viet Nam and the Western Pacific Region. She has experience working with UN agencies, international non-governmental organizations, and medical universities. In her current capacity, she works closely with and provides strategic advice and technical support to the Ministry of Health of Viet Nam and government counterparts to strengthen the national core capacity to implement the International Health Regulations (IHR-2005), focusing on communicable disease surveillance, risk assessment, outbreak investigation and response, and health security program implementation. During the COVID-19 pandemic, she played a pivotal role as the Acting Team Lead and the Incident Manager for COVID-19 as well as for other disease outbreaks response in Viet Nam, including dengue, diphtheria, measles, mpox, etc. Dr. Hien is also a technical advisor to the Viet Nam Field Epidemiology Training Program (FETP), where she provides both strategic and field support to the program, which helps further strengthen the public health workforce in the country. She is part of various regional and global platforms, including the Global Outbreak Alert and Response Network (GOARN) and the Public Health Emergency Operations Centre Network (EOC-NET), to support countries in their capacity building for preparedness, readiness, and response to disease outbreaks and public health emergencies.



Natalie Fischer, PhD

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Natalie Fischer, PhD is an epidemiologist who specializes in infectious disease surveillance and outbreak response in international emergencies. She grew up in Germany and completed her undergraduate studies at the University of Konstanz. She earned her PhD in microbiology from Institut Pasteur in Paris and completed her postdoctoral fellowship at Stanford University in California, where she led international research projects in clinical settings. She received her training in field epidemiology and public health microbiology through the ECDC EPIET/EUPHEM fellowship program. Dr. Fischer's research experience includes serving as co-investigator on a household transmission study in Nigeria and coordinating implementation research projects on schistosomiasis diagnostics and prevention in Madagascar. She is an active member of the Global Task Force on Cholera Control, supporting surveillance working group activities, and serves on the EPIET Alumni Network Board. Her field epidemiology work has taken her to multiple continents, with outbreak response missions including Ebola in DRC, Mpox in Europe and Africa, and health emergencies in Gaza through GOARN deployments, supporting international organizations such as WHO, UNRWA, and Africa CDC. She is currently a senior epidemiologist in the Outbreak Investigation Task Force at Institut Pasteur Paris. Previously, she served as a technical officer for the WHO Cholera technical team and as a deployable epidemiologist with the UK Public Health Rapid Support Team. She enjoys working with R on data analysis for public health action and is passionate about mentoring and teaching the next generation of field epidemiologists. She lives in Paris.



Diana Jeang, MD

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Diana Jeang, MD is a physician dual-trained in internal medicine and pediatrics with a focus on global health. Raised in the Northeastern United States, she earned her Bachelor of Science in Molecular and Cellular Biology from Johns Hopkins University. She worked for a year in refugee resettlement in Atlanta, Georgia before attending medical school at Emory University School of Medicine in Atlanta. During her medical studies, she did a student fellowship in HIV public health research in KwaZulu-Natal, South Africa. Dr. Jeang completed her residency in combined internal medicine and pediatrics at Baylor College of Medicine in Houston, Texas and earned a Diploma in Tropical Medicine at the National School of Tropical Medicine. She is currently interning with the Outbreak Investigation Taskforce of Institut Pasteur while completing a Master's in Public Policy (Global Health Policy stream) at Sciences Po in Paris, France.



Erik A. Karlsson, PhD

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Erik A. Karlsson, PhD is Head of the Virology Unit at the Institut Pasteur du Cambodge and Director of the Cambodian National Influenza Center and WHO H5 Reference Laboratory. His work focuses on emerging and zoonotic viruses at the human-animal-environment interface, with particular emphasis on avian influenza, coronaviruses, and other respiratory pathogens with pandemic potential. Dr. Karlsson leads large, multidisciplinary One Health surveillance and research programs across Southeast Asia and beyond, integrating field epidemiology, laboratory diagnostics, genomics, and risk assessment to inform preparedness and response. He works closely with national ministries and international partners, including WHO, FAO, WOA, and the Institut Pasteur Network, and currently serves as Vice-Chair of OFFLU, the global network for animal influenza.



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Quang Chan Luong, MD, MSc is a preventive medicine specialist and currently serves as Head of the Department of Disease Control and Prevention at the Institut Pasteur in Ho Chi Minh City, Viet Nam. He received his medical doctor degree from Pham Ngoc Thach University of Medicine in 1996 and completed his master's degree in Preventive Medicine at the University of Medicine and Pharmacy at Ho Chi Minh City in 2002, with a master's thesis focusing on the effectiveness of community collaborators in dengue fever prevention. He has worked at the Institut Pasteur in Ho Chi Minh City since 1997 and has accumulated extensive experience through various positions, including Researcher and Deputy Head of Department, prior to his current appointment. His professional and research work focuses on epidemiology, infectious disease surveillance, and prevention and control of communicable diseases. He has been involved in numerous research projects at national, ministerial, and institutional levels related to dengue fever, cholera, typhoid, influenza, and other emerging viral infections, including pandemic influenza A/H1N1 and COVID-19 in Viet Nam, and has published multiple scientific papers in Vietnamese peer-reviewed journals in the field of preventive medicine.



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Quang Duy Pham, MD, PhD is a physician and epidemiologist who specializes in infectious disease control and public health emergency management. Dr. Pham earned his medical degree from the University of Medicine and Pharmacy at Ho Chi Minh City, Vietnam, in 2006 and completed his PhD in medicine at the Kirby Institute, University of New South Wales, Sydney, Australia, in 2015. He later trained as a Fellow in Public Health Emergency Management at the U.S. Centers for Disease Control and Prevention (CDC) in Atlanta in 2017, and as a Fellow in Field Epidemiology with the Vietnam Field Epidemiology Training Program in 2019. Dr. Pham has played a leading role in outbreak investigations and responses in Vietnam, including COVID-19, cholera, diphtheria, and measles. He published more than 30 articles in peer-reviewed international journals. He co-authored a landmark paper in the *New England Journal of Medicine* documenting the first case of COVID-19 in Vietnam and evidence of human-to-human transmission outside of China. His collaborative modeling studies with the Institute for Disease Modeling in Seattle, published in *Lancet Global Health* and *BMJ Global Health*, provided critical insights that shaped Vietnam's pandemic response policies. His research interests include epidemic modeling, outbreak response strategies, vaccine effectiveness, and strengthening public health systems. He has coordinated multiple projects to enhance surveillance, preparedness, and response capacity in southern Vietnam. Dr. Pham serves as a member of the Scientific Research Board and the Institutional Review Board at the Pasteur Institute in Ho Chi Minh City. Dr. Pham has received numerous honors, including recognition certificates from the Prime Minister of Vietnam and the Ministry of Health for his contributions to the COVID-19 response, as well as the Youth Talent Scientist Award from the Ministry of Science and Technology in 2016. He is a peer reviewer for leading journals such as *The Lancet Global Health*, *BMJ Global Health*, *Addiction*, and the *Bulletin of the World Health Organization*. Dr. Pham is currently Head of the Division of Planning and Associate Professor of Medicine at the Pasteur Institute in Ho Chi Minh City, Vietnam.