

Lessons and Legacies of the Zika Emergency

Institute for Science, Innovation and Society
University of Oxford

Seminar Room, 64 Banbury Road
June 13-14, 2018

JUNE 13

12-1pm Lunch

1-1:30pm Introduction: **Javier Lezaun** (University of Oxford) and **Gustavo Matta** (Fiocruz)

1:30-3pm Session 1. Discussant: **John Manton** (London School of Hygiene and Tropical Medicine)

Brazil's Lacklustre Response to Zika: Institutional Change, Economic Context, and Health Systems Challenges.

Eduardo Gomez (King's College London)

Zika's networks: A Preliminary overview on how institutions and (some)scientists moved among uncertainties.

Carolina Oliveira Nogueira (Fiocruz) and **Gustavo Matta** (Fiocruz)

The Failure of Global Health Security: Women, Water and Zika

Clare Wenham (London School of Economics)

3-3:30 Coffee break

3:30-5pm Session 2. Discussant: **Sara Peres** (University of Southampton)

Zika and the microcephaly conundrum

Ilana Löwy (INSERM, Paris)

Neglected zones in the Zika response: The role of women's social movements and community health workers

João Nunes (University of York)

Big Data Streaming Amid Water's Patchiness: Problematizing 'Behaviour Change' during the Cape Verdean Zika Crisis.

Laurie Denyer Willis (London School of Hygiene and Tropical Medicine)

5-5:30pm Discussion

JUNE 14

9am Coffee

9:30-11:00 Session 3. Discussant: **Christos Lynteris** (Cambridge University)

Accelerated Pathways and Evidentiary Thresholds: New directions for global health R&D
Ann H. Kelly (King's College London)

Partnerships for the nationalization and innovation of HIV and Zika diagnostics in Brazil
Koichi Kameda de Carvalho (EHESP, Paris)

Data-sharing during the Zika emergency
Gustavo Matta (Fiocruz) and **Javier Lezaun** (University of Oxford)

11:00-11:30 Coffee break

11:30-1pm: Session 4. Discussant: **Hannah Kuper** (LSHTM)

Zika in the social media: insights about general public engagement
Elaine Teixeira Rabello (State University of Rio de Janeiro)

The side-effects of interventions aiming to promote health protective behaviors: some insights from researches in the field of infectious diseases.
Jocelyn Raude (EHESP School of Public Health, Rennes)

"We didn't know what to say to the mothers" Discomfort of health workers dealing with uncertainty in the Zika outbreak.

Loveday Penn-Kekana (London School of Hygiene and Tropical Medicine)

1-2pm Lunch & closing discussion.

Participants

Koichi Kameda de Carvalho is a lawyer and a PhD candidate in Sociology at École des Hautes Études en Sciences Sociales (EHESS), in Paris, and attached to Centre de recherche médecine, sciences, santé, santé mentale, société (Cermes3). His doctoral research focus on the public policies and initiatives created to locally manufacture diagnostic tests for infectious diseases in Brazil since the 2000s. He is particularly interested in the strategies used by Brazilian public laboratories to 'nationalize' tests and invent new platforms through the collaboration with multinational companies and establishment of networks with universities, research centers and Brazilian companies.

Eduardo J. Gómez is an UK Senior Lecturer (Associate Professor) in the Department of International Development, School of Global Affairs, at King's College London. A political scientist by training, Dr. Gómez's research focuses on applied institutional theory to global and domestic healthcare issues, with a focus on the emerging economies. He is the author of *Geopolitics in Health: Confront Obesity, AIDS, and Tuberculosis in the Emerging BRICS Economies* (Johns Hopkins University Press, 2018). He received his PhD in political science from Brown University, AM in International Relations from the University of Chicago, and BA in Government from the University of Virginia.

Ann H. Kelly is a Senior Lecturer in the Department of Global Health and Social Medicine, King's College London and the Co-Deputy Director of the King's Global Health Institute. Her ethnographic work focuses on the socio-material practices of global health research and innovation in Sub-Saharan Africa, recent examples of which have been published in *Cultural Anthropology*, *Social Studies of Science*, *Social Science and Medicine* and *Visual Anthropology*. She is currently collaborating on a number of transdisciplinary initiatives including an NIHR Research Unit on System Strengthening in Sub-Saharan Africa (ASSET) and, with colleagues at the University of Edinburgh and the Indian Institute of Public Health-Hyderabad, an ERC-funded project investigating the Design and Use of Diagnostic Devices in Global Health (DiaDev).

Hannah Kuper is Director of the International Centre for Evidence in Disability, a research group at the London School of Hygiene and Tropical Medicine (LSHTM) that works to expand the research and teaching activities of LSHTM in the field of global disability. Her main research interest is disability in low and middle income countries, with a particular focus on (1) Assessment of the prevalence of disability and impairments, including in children, and development of new methods in undertaking these surveys (e.g. use of mobile technologies); (2) Investigation of the health and rehabilitation needs of people with disabilities, and how these can be met in low resources settings; (3) Research on the relationship between poverty and disability, and the potential role of social protection in breaking this cycle. She has an undergraduate degree from Oxford University in Human Sciences and a doctorate from Harvard University in epidemiology..

Ilana Löwy is a senior researcher emerita at INSERM, Paris. Trained as a biologist, she then retrained as a historian of science and medicine. Her main research interest are relationships between laboratory sciences, clinical medicine and public health, with a special interest in intersections between gender studies and biomedicine in areas such as female cancers, contraception or the medicalization of pregnancy, and the history of birth defects and prenatal diagnosis, with a special focus on links between prenatal testing clinical genetics and the rise of new genetic technologies. She is studying now the Zika epidemics in Brazil and juridical abortions in Rio de Janeiro. Her recent books are *Preventive Strikes: Women, Precancer and Prophylactic Surgery*, Johns Hopkins University Press, 2009; *A Woman's Disease: A History of Cervical Cancer*, Oxford University Press, 2011; *Imperfect Pregnancies: A History of Birth Defects and Prenatal Diagnosis*, Johns Hopkins University Press, 2017 and *Tangled Diagnoses, Women, Prenatal Testing and Risk*, Chicago University Press, 2018.

Javier Lezaun is Director of the Institute for Science, Innovation and Society and Associate Professor in the School of Anthropology and Museum Ethnography at the University of Oxford. He is co-ordinator of the British Council's Newton Fund-sponsored project *Acting in an Uncertain World: Mapping Public Health Responses to the Zika Epidemic*. His research interest include the social organisation of pharmaceutical research on tropical infectious diseases, community participation in vector control efforts, and the governance of novel global health biotechnologies.

Christos Lynteris is a medical anthropologist. His research focuses on the anthropological and historical examination of infectious disease epidemics, animal to human infection (zoonosis), medical visual culture, colonial medicine, and epidemics as events posing an existential risk to humanity. His current 5-year research project, Visual Representations of the Third Plague Pandemic (2013-2018) (@visualplague) funded by the European Research Council with a Starting Grant (under the European Union's Seventh Framework Programme/ERC grant agreement no 336564) has been collecting and analysing photographs and other visual documents of the third plague pandemic (1855-1959). The project's hypothesis is that the emergence of epidemic photography has played a pivotal role in the formation of scientific understandings and public perceptions of infectious disease epidemics in the modern world. Dr Lynteris currently investigates aspects of "visual plague" in China, with a particular focus on Hong Kong and Manchuria. On a global scale, his research engages in comparative analysis, focusing on regimes and practices of epidemic visibility and invisibility.

John Manton joined the London School of Hygiene and Tropical Medicine (LSHTM) as part of the Anthropologies of African Biosciences Group in 2010, after research and lecturing posts in history at Oxford, Ulster, and KCL. Following two years in Social Anthropology at Cambridge, he returned to LSHTM in 2015, joining the Centre for History in Public Health, to work with Martin Gorsky on a Wellcome Trust funded project on Health Systems in History. He is also Head of Humanities and Environmental Sciences at the Antimicrobial Resistance Centre at LSHTM

Gustavo C. Matta is Researcher in Public Health at the National School of Public Health of the Oswaldo Cruz Foundation. He is Coordinator of the Zika Social Science Research Network, and Co-ordinator of the research project *Acting in an Uncertain World: Mapping Public Health Responses to the Zika Epidemic*, funded by the British Council's Newton Fund and Fiocruz. He is also co-coordinator of the Social Sciences Work Package for ZikAlliance: A Global Alliance for Zika Virus Control and Prevention funded by European Commission. His main scientific interests are in the Social Studies of Science, Global Health, Primary Health Care and Brazilian National Health System Policies.

Carolina de O. Nogueira holds a PhD in Social Anthropology at the National Museum - Federal University of Rio de Janeiro. She has devoted special focus on gender studies, health practices in primary care, anthropology of medicine and anthropology of the State(s). Currently she works in the Executive Coordination of Zika Social Science Network (FIOCRUZ), conducting fieldwork research.

João Nunes is Lecturer in International Relations at the University of York, UK. He writes on global health, health security, community health workers and Brazil's health policies. He is the author of *Security, Emancipation and the Politics of Health* (Routledge, 2013), as well as of articles published in the journals *Security Dialogue*, *Review of International Studies*, *Third World Quarterly* and *Contemporary Politics*, among others.

Loveday Penn-Kekana is a medical anthropologist who works on issues around understanding health workers practice mainly in maternal health services in low and middle income countries.

Sara Peres is Research Fellow at the University of Southampton in Geography and Environment. She is currently researching the complex material and political economies of animal research evident in the breeding, supply, and archiving of laboratory animals as part of the Wellcome Trust funded Animal Research Nexus project. Her research interests often focus on biobanking, theorisations of value and economies in the social sciences, and temporalities. More broadly, she is interested in how science and technology feature in the relationships between humans and non-humans in topics like seed conservation, public health emergencies, and animal research. She holds a PhD in Science and Technology Studies (UCL, 2017) and is currently Honorary Research Associate at the University of Exeter and UCL.

Elaine Teixeira Rabello is Associate Professor in the Social Medicine Institute, at the State University of Rio de Janeiro. She is guest researcher at the Oswaldo Cruz Foundation, and executive coordinator of the Social Sciences and Zika Network, Fiocruz. She is a psychologist by training and holds a Public/Collective Health. She develops research and projects about science and technology studies, production and circulation of scientific knowledge in health, health education, primary care, mental health, medicalization, qualitative methodologies and digital methods.

Jocelyn Raude is associate professor in Health Psychology at the Department of Social and Behavioral Sciences, EHESP School of Public Health, Rennes (France), and Research associate at the Emerging Virus Research Unit within the Méditerranée Infection Foundation, Marseille (France). His main research interests are about the ecology of health protective behaviors, the interactions between epidemiological environment and human behavior, the dynamics of behaviors and beliefs in response to epidemics, as well as the prevention and control of tropical diseases.

Clare Wenham is Assistant Professor in Global Health Policy at LSE. Her work falls in the cross over between global health and international relations, focusing on global health governance, health security, surveillance and infectious disease control. Her recent work has focused on Zika, Ebola, pandemic influenza and more broadly on the governance structures of the global health landscape and global disease control. Her work has appeared in *The Lancet*, *BMJ*, *Third World Quarterly*, *Phil Trans B*, *PLOS One* and *Global Health Governance*. She previously worked in the Department of Infectious Disease Epidemiology at the London School of Hygiene and Tropical Medicine, working on a series of projects relating to digital surveillance and transmission of infectious disease. Prior to this she undertook a PhD in International Relations at the Centre for Health and International Relations at Aberystwyth University examining the tensions between global disease governance and individual state sovereignty. During this, she did a fellowship at the Parliamentary Office of Science and Technology and consulted for the Asian Development Bank. Before starting her academic career, Clare worked in public health policy roles at the Faculty of Public Health and for an NHS trust.

Laurie Denyer Willis is a Research Fellow in Medical Anthropology in the Department of Global Health and Development at the London School of Hygiene and Tropical Medicine. Her research concerns the urban and political ecologies of health and disease in postcolonial landscapes, exploring animal-human relations (mostly mosquitos and pigs), sensory forms of knowledge (mostly smell and touch), and religious forms of care and hope (mostly Pentecostal).