



Testing, contact tracing and isolation policies in Covid-19: national experiences and international norms.

Exploratory webinar — January 28th, 2021

Programme & speakers

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14:00 -
14:10

INTRODUCTION
Luc Berlivet, Ilana Löwy

14:10 -
14:40

TTI, TECHNOLOGIES & INDUSTRIES

14:10 -
14:15

› TraceTogether : pandemic response, democracy, and technology

*Hallam Stevens
Monamie Haines*

Singapore

14:15 -
14:20

› What if we do not have the pandemic: living in a Covid world without sensing it

Kuo Wen-Hua

Taiwan

14:20 -
14:25

› Medical laboratories as factories. A historical perspective on the political economy of testing

Bernd Gausemeier

Germany

14:25 -
14:30

› On the technical crisis of the Corona crisis

Rene Umlauf

Germany

14:30 -
14:35

› Test, Trace, Isolate for COVID-19 in England

Richard McKay

United Kingdom

14:35 -
14:40

› TTI in Brazil: challenges to make a public health policy

Koichi Kameda

Brazil

14:40 -
15:25

Discussion

15:25 -
15:35

Break

15:35 -
16:10

TTI & PUBLIC HEALTH

15:35 -
15:40

› A Spotlight on the Innovations and Experiences of the Southern Indian State-Kerala's Covid-19 Fight

Harilal Madhavan

India

15:40 -
15:45

› The Israeli context

Yael Hashiloni-Dolev

Israel

15:45 -
15:50

› The Politics of Pandemics and the Testing for Covid-19 in Norway

*Christoph Gradmann
Antoine de Bengy Puyvallée*

Norway

15:50 -
15:55

› Responsibilization and Quarantine around COVID-19 in South Africa

*Caroline Meier zu Biesen
Marian Burchard*

South Africa

15:55 -
16:00

› Summary of research

Alice Street

United Kingdom

16:00 -
16:05

› Test, Trace and Isolate: Public health in the shadow of vaccinology

Janice Graham

Canada

16:05 -
16:10

› Scarcity, Tinkering, and Covid-19 Testing Policy in France

*Claire Beaudevin
Jean-Paul Gaudillière
Alexis Rayapoullé*

France

16:10 -
17:00

Discussion

INTRODUCTION

Ilana Löwy is a senior research fellow at CERMES3. Originally trained as a biologist, she studies the history of relationships between laboratory sciences, clinical medicine and public health, present day developments in these domains, and intersections between gender and biomedicine.

Luc Berlivet is a historian, researcher with the National Center for Scientific Research (CNRS). His work analyses the ways in which physicians, scholars and administrators have sought to describe the differences within human populations. His research focuses in particular on "Latin eugenics" (France, Italy, Romania, Latin America) and the different conceptions of the influence of the environment on heredity itself.

TTI, TECHNOLOGIES & INDUSTRIES

Singapore

Hallam Stevens

Monnaie Haines

Taiwan

Wen-Hua Kuo is a professor at National Yang-Ming University, Taiwan, where he teaches social studies of medicine. His work revolves around pharmaceutical regulation and its social impacts in the East Asian context, and later controversies in East Asian medicines's attempt to be modernized and used globally. His scholarly publications appear in a range of journals crossing several disciplines, including the Journal of Law, Medicine, and Ethics, Drug Information Journal, East Asian Science, Technology and Society: an International Journal, and Social Science & Medicine. In addition to his current research on the changing of care and caring professions, he has been served as the editor-in-chief of East Asian Science, Technology and Society: An International Journal (EASTS), one of the few journals serving as a bridge between STS studies done in and about this region, since 2016.

Germany

Bernd Gausemeier

Germany

After receiving his PhD in sociology from the University of Bayreuth in 2015 **René Umlauf** worked as a post-doc at the Department of Anthropology at Martin-Luther University Halle (until 2019), where I also became part of the LOST research group. Since 2020 René joined the Department of Sociology at Leipzig University where he started a project on humanitarian drone infrastructures which is part of the Collaborative Research Centre (SFB 1199): "Processes of Spatialization under the Global Condition". René's research focuses on conceptual and methodological implications of technological change. He is particularly interested in the question of what role tests and testing procedures - of different scale and scope and beyond medical testing - play for the production of multiple forms of evidence and how they shape both macro- and micro-levels of technological and infrastructural integration. His work on health-, laboratory- and humanitarian-infrastructures focuses on political, cultural as well as historical encounters between 'old' and 'new' modes of knowing and doing things.

United Kingdom

Dr **Alexa Hagerty** is a medical anthropologist and scholar of science, technology and society studies (STS). She investigates the societal impacts of AI-systems and emerging technologies at University of Cambridge, Leverhulme Centre for the Future of Intelligence and Centre for the Study of Existential Risk. Her research utilises ethnographic and participatory approaches to explore topics including digital contact tracing and the use of predictive algorithms in public health.

Dr **Richard A. McKay** is a Wellcome Trust Research Fellow in the Department of History and Philosophy of Science at the University of Cambridge and a Fellow of the Royal Historical Society. His work examining historical aspects of contact tracing has been published in the Bulletin of the History of Medicine, in Newsweek, and in Nature. His first book, Patient Zero and the Making of the AIDS Epidemic (University of Chicago Press, 2017) was named a CHOICE Review Outstanding Academic Title. Richard served as historical consultant when his book was produced as the documentary feature film Killing Patient Zero (Fadoo Productions, 2019), which received the American Historical Association's 2020 John E. O'Connor Film Award for outstanding interpretation of history through film. He also works as a coach for academics, writers, and other creative thinkers.

Brazil

Koichi Kameda is a lawyer and a sociologist. He holds a PhD from the Ecole des Hautes Etudes en Sciences Sociales with a dissertation on the development of in vitro diagnostics for HIV and zika in Brazil (CERMES3/EHESS). He is currently a post-doctoral researcher at the University of Paris (CEPED) and funding from the Institute for Research in Innovation and Society (IFRIS) with a project on the political economy of diagnostic innovation for emerging diseases in Brazil. He is also coordinating the project “CoBRAtestes: Testing Covid-19 in Brazil: healthcare policy and diagnostic capacity in the South” funded by the French agency for HIV and hepatitis (ANRS).

Mady Malheiros Barbeitas is a veterinarian and a sociology. She is currently a PhD candidate in STS and Health 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/CNRS). Her doctoral research focus on policy and innovation related to drug research and development for neglected tropical diseases. She has worked for 4 years in an international R&D organization observing and collaborating with public and private actors to develop new treatments for leishmaniasis in Latin America. More recently, she has been involved in the “CoBRAtestes” research projec.

Marilena Corrêa is a medical doctor with medical residence in Psychiatry and specialization in Public Health. MSc in Public Health, PhD in Humanities and Health. Currently, she is senior associated Professor with tenure at the Institute of Social Medicine (IMS) of the University of the State of Rio de Janeiro (UERJ), Brazil. She is also a visiting researcher in CERMES3 and invited researcher at Fundação Oswaldo Cruz (FIOCRUZ). She has been working on the politics of production and regulation of pharmaceuticals for infectious diseases in Brazil for 20 years. She is also coordinating the project “CoBRAtestes” funded by ANRS.

TTI & PUBLIC HEALTH

India

Harilal Madhavan

Israel

Yael Hashiloni-Dolev is an associate professor at the Department of Sociology & Anthropology in BGY. She is a sociologist of health and illness and a former member of Israel's National Bioethics Council (2008-20). Her areas of interest include new reproductive technologies, genetics, gender, bioethics, contemporary parenthood and posthumous reproduction. She has authored three books: *A Life (Un)Worthy of Living: Reproductive Genetics in Israel and Germany* (Springer, 2007), *The Fertility Revolution* (Modan, 2013 [in Hebrew]), and Hashiloni-Dolev, Y. 2018. *New Reproductive Technologies: Social and Bio- Ethical Debates*. Open University (Hebrew). She published many articles on rerogenetics, sex selection, the moral status of the embryo, egg freezing and fertility decline. Hashiloni- Dolev is also a co-editor of Boas, H., Hashiloni-Dolev, Y., Davidovitch, N., Filc D. and Lavi, S. (Eds). 2018. *Bioethics and Biopolitics in Israel: Socio-Legal, Political and Empirical Analysis*. Cambridge University Press.

Norway

Antoine de Bengy Puyvallée: I am a PhD candidate in International Politics at the Centre for Development and the Environment, University of Oslo, and based in Norway since 2015. My research interest lies in global health governance, and more particularly, Norway's global health security policy and public-private cooperation for pandemic preparedness and response. I am also part of a research project titled 'The Smartphone pandemic' examining the role of digital technologies in response to the covid-19 pandemic.

I previously wrote about Norway's response to the 2014-2015 Ebola crisis; the role of civil society and global public-private partnerships for health; and the Nordic development aid model (forthcoming edited volume titled *Do Gooders at the End of Aid. Scandinavian humanitarianism in the 21st Century*).

Christoph Gradmann: I am a professor in the history of medicine at the University of Oslo, Institute of Health and Society. I have worked on a broad range of topics relating to the history of infectious disease and medical microbiology. Lately, this work has been in the context of the ERC project GLOBHEALTH where I worked on the contemporary history of tuberculosis control. Presently, I am co-PI in the project

“From Asia to Africa: Antibiotics across the Indian Ocean” and lead a project commencing in summer 2021 “How did the Antibiotic Pipeline run Dry? People, Infrastructures and Politics of Antibiotic Drug Development 1970-2010”.

South Africa

Caroline Meier zu Biesen

Marian Burchardt

United Kingdom

Alice Street is Senior Lecturer in Social Anthropology at the University of Edinburgh and Principal Investigator for ‘Investigating the Design and Use of Diagnostic Devices in Global Health’ (DiaDev), funded by the European Research Council. Her research includes studies of health systems, material health infrastructures, and medical innovation in under-resourced settings. She has carried out ethnographic research in Papua New Guinea and India and is the author of ‘Biomedicine in an Unstable Place: Infrastructure and Personhood in a Papua New Guinean Hospital’, published by Duke University Press. The DiaDev project focuses on diagnostic innovation in contexts of primary health care, elimination campaigns and public health emergencies. Dr. Street is the recipient of a rapid response grant from the Scottish Funding Council to examine lessons learned for Covid-19 testing from the West Africa Ebola outbreak, and from the Scottish Chief Scientist’s Office for research on the social life of Covid-19 testing in Scotland. Dr. Street is a member of the Royal Anthropological Institute Medical Committee, the Wellcome Trust Joint Health Systems Research Committee and a co-Editor of *Medicine, Anthropology, Theory*.

Canada

Janice E. Graham is a University Research Professor, medical anthropologist and professor of paediatrics (infectious diseases) at Dalhousie University in Halifax, Canada. She has been studying the development of emerging biotherapeutics and vaccines in Canada, Europe, and Africa for the past 25 years, focusing on safety, efficacy, and trustworthiness in the construction and legitimization of clinical research evidence and regulatory practices. Graham is particularly interested in open data, transparency, public health, and the evidentiary and real-world risks of industry capture of research. She held the inaugural endowed Burwell Chair in Medical Anthropology at the University of British Columbia (1998-2002), and the Canada Research Chair in Bioethics at Dalhousie University (2002-12). In 2016,

she received the Canadian Anthropology Society's top distinction, the Weaver-Tremblay Award. In 2017, she was inducted as a Fellow into the Canadian Academy of Health Sciences, and in 2018 she was elected as a Fellow of the Royal Society of Canada.

France

Jean-Paul Gaudillière is a historian of science and medicine, senior researcher at Inserm and professor at EHESS. His recent research focused on pharmaceutical innovation in the 20th century, and on the transition from international public health to global health.

Claire Beaudevin is an anthropologist and researcher at the National Center for Scientific Research (CNRS). Her work explores practices of medical genetics and genomics in the Middle East and in France, as well as their relations to global health.

Alexis Rayapoullé is a public health resident and a member of the Cermes3 team for his professional training. He is working on a STS approach of the French public health response to the Covid-19 crisis.