

Workshop Final Programme

Epidemics and their determinants: Past and present

Barcelona, Universitat Oberta de Catalunya (Open University of Catalonia)

Room U1.15 U Building

February 8- 9, 2024

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Time zone: Europe/Madrid

Video call link: <https://meet.google.com/rya-fuya-vri>

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8:00 h – 8:30 h: Welcome: Accreditation & words of welcome from Prof. Anna Busquets, director of the Humanities and Arts Department at Universitat Oberta de Catalunya.

8:30 h - 10:00 h: Session 1: Influenza. Chair: Joana Maria Pujadas- Mora

- Occupation exposure to coal dust and vulnerability to pandemic Flu: Were Scottish miners at greater risk of death during the 1918 Influenza Pandemic?, Chris Dibben, Lee Williamson, Peter Christen, Laura Cilek and Eilidh Garrett.
- Mortality During 1918 Influenza Pandemic effected by Early Life Exposures to Influenza Viruses, Alain Gagnon, Lucien Lemieux, Stacey Hallman, G. Dennis Shanks, Richard Marfuggi, Stephen Brozak, Enrique Acosta.
- Individual determinants of mortality related to Spanish flu: The case of Châtelet (Belgium) in 1918-19, Mélanie Bourguignon, Yoann Doignon, Thierry Eggerickx, Audrey Plavsic, Jean-Paul Sanderson.
- The Role of Non-pharmaceutical Interventions in the 1918-20 Influenza Pandemic in Alaska, Uddhav Khakurel, Lisa Sattenspiel, Svenn-Erik Mamelund

10:00 h - 10:30 h: Coffee break

10:30 h - 12:00 h: Session 2: Cholera. Chair: Uddhav Khakurel

- The Rise and Fall of Cholera in Prussia: Patterns, Determinants and Economic Consequences, Daniel Gallardo-Albarrán, Kalle Kappner.
- The 1866 cholera epidemic in Antwerp and Brussels: a comparative analysis of the epidemic's trajectory and public health responses, Isabelle Devos, Melanie Bourguignon, Yoann Doignon, Thierry Eggerickx, Hilde Greefs, Lora Pannekoucke, Wouter Ronsijn, Sven Vrielinck, Torsten Wiedemann, Tim Soens.

- The epidemic outbreak as a priority in the construction of the new model of political action. The consequences of the cholera epidemics of the 19th century on the evolution of the French and international health system, Samuel Sánchez.
- Explaining the spread of 1885 cholera in Spain using a Bayesian approach: the effect of transport infrastructures, Joana Maria Pujadas-Mora, Laura Rodríguez Navas, Eduard Álvarez Palau, Miquel Valls Fígols.

12:00 h – 13:00 h: Presentation of the new COST-Action *The Great Leap. Multidisciplinary approaches to health inequalities, 1800-2022 (GREATLEAP)*. Tim Riswick.

13:00 h - 14:30 h: Lunch

14:30 h - 16:00 h: Session 3: Black death and medieval epidemics. Chair: Wouter Ronsijn

- Can we see and hear the impact of the “Neolithic Black Death” in contemporary Europe? An interdisciplinary exploration of the significance of the discovery of *Yersinia pestis* in 2,500-5,000 year old human remains across Eurasia, Jonathan Kennedy.
- Reconstructing inflammatory phenotypes in a Black Death cemetery from Catalonia, Laura Pallares, Nuria Armentano, Cristina Santos, Laura Castells Navarro, Laura Canales, Fabian Crespo
- Mortality crisis in the late Middle Ages: Barcelona and its surroundings according to urban and rural parish sources, Alberto Barber.
- “Medievalisms, Miasma Theory, and How Understanding the Past Might Save Us from the Future”, Mary M. Alcaro.

16:00 h - 17:30 h: Session 4: Influenza. Chair: Isabelle Devos

- Reflections on medical places of memory in times of epidemics in Spain: memories of the 1918-1920 flu pandemic in historical perspective, Lluís Coromina Verdager.
- Indigenous communities and influenza: protocol and preliminary findings for a systematic review and meta-analysis, D. E. Alves, O. Rogeberg, L. Sattenspiel, S-E. Mamelund.
- Bridging the gap between the past and the present: a plausible link at individual level between the Spanish Flu and Covid 19, Michel Poulain, Anne Herm.
- Influenza in Brazil, 2009-2019 - the role of early life exposure on incidence and mortality, Enrique Acosta, Marília Nepomuceno, Alain Gagnon.

17:30 h- 18:30 h: Side-meeting leadership COST-Action: *The Great Leap. Multidisciplinary approaches to health inequalities, 1800-2022 (GREATLEAP)?*.

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8:30 h - 10:00 h: Session 1: Smallpox. Chair: Hilde Greefs

- The end of Smallpox. An investigation into social, and institutional transformations of the 18th century influence on the epidemic trajectory of smallpox between 1728 and 1800, Søren K. Poder.
- Social Inequalities and Smallpox Epidemics in the Netherlands during the nineteenth-century: Directions for future research, Tim Riswick.
- Between Smallpox and Measles: Infant Mortality in Urban Galicia (1840-1849), Tamara González López.
- Prevention as a response to epidemic crises: smallpox vaccination in southern Italy in the early 19th century, Alberto Tantarri.

10:00 h - 10:30 h: Coffee break

10:30 h - 12:00 h: Session 2: Influenza. Chair: Eduard Álvarez

- In California the Prognosis is Good: Analysing Tuberculosis and Influenza Comorbidity in Southern California during the 1918-19 Influenza Pandemic, Islay Shelbourne.
- Neonatal health and determinants during the flu pandemic of 1918/20 and during maternal syphilis infection, Mathilde Le Vu, Katarina L Matthes, Kaspar Staub.
- Case incidence and case fatality during the 1918 influenza pandemic: the case of Sweden, Lars Fredrik Andersson, Liselotte Eriksson, Paul Nystedt.
- Long-term Mortality Effects of the 1918/19 Pandemic Birth Cohort in Switzerland, Katarina L Matthes, Mathilde Le Vu, Kaspar Staub.

12:00 h - 13:30 h: Session 3: COVID. Chair: Enrique Acosta

- Comparative analysis of the effectiveness of lockdown policies during the COVID-19 pandemic in selected European countries, Vasilis Gavalas.
- The silent epidemic of suicides in Spain VS the deaths by identified COVID-19, Ana Gutiérrez Sanchis.
- Contextualizing the Global Burden of COVID-19 Pandemic A Historical and Geographical Exploration of Excess Mortality in France, 1901-2022, Carlo Giovanni Camarda, Florian Bonnet.
- Dynamic transitions in employment trends amidst the COVID-19 Pandemic Era, Pau Miret.

13:30 h - 14:30 h: Lunch

14:30 h - 16:00 h: Session 4: Epidemics, theory & public health. Chair: Sverren-Erik Mamelund

- Too many meanings? Making sense of the apparent stability of epidemic policies in a historical perspective, Paul-Arthur Tortosa.
- Panning the archive for digital gold, M. Bekker-Nielsen Dunbar, A. Blinkova, S-E. Mamelund.
- Risky Race, Racist Risk, and the British Risk Politics of Public Health in the Early AIDS Epidemic, Jonathan Kuo.
- Historical patterns of disease and intervention in British Africa: The Nigerian experience with Yaws, Jutta Bolt, Jeanne Cilliers.

16:00 h - 17:30 h: Session 5: *Horsemen of the apocalypse*. Chair: Maria Bekker-Nielsen

- Mapping past and present epidemics in Belgium: a spatiotemporal comparison, Mélanie Bourguignon, Isabelle Devos, Yoann Doignon, Thierry Eggerickx, Hilde Greefs, Jean-Paul Sanderson, Tim Soens, Sven Vrielinck, Torsten Wiedemann.
- The harvesting effect of the 1918-1920 influenza pandemic on tuberculosis in a capital city: Madrid, 1913-1927, Diego Ramiro, Stanislao Mazzoni, Michel Oris, Dariya Ordanovich.
- Inequality in death in times of crisis in the early modern era: war, famine and epidemics in Sint-Niklaas, Flanders, 1687-1699, Wouter Ronsijn, Isabelle Devos.
- Climate vulnerability of Poznań population: age differences and time trends of temperature-humidity-related mortality due to infectious diseases (1850–1900), Patryk Pankowski, Szymon Antosik, Jörg Peter Vögele, Marek Brabec, Grażyna Liczbińska.

20:00 h: Dinner in the heart of Barcelona at Julivert Meu Restaurant.