Spring School on Health Information 2024

Navigating Health Information for Sustainability: Strengthening Resilience and Preparedness for Future Crises in Europe

Date and time:

5 Thursdays, from 7th of March to 4th of April 2024, 09:00 – 12:30 CET

Course link: https://spring-school.methis.net

Registration (until 4th March 2024): methis@campus.fct.unl.pt

Objectives:

- Based on the previous editions of the Spring School on Health Information (SSHI)
- To be held online in March-April 2024
- Theme: Strengthening Resilience and Preparedness for Future Crises in Europe
- 5 regular topics (per session and leveraging previous course products)

Structure and agenda:

After a keynote introduction to the topic, there will be a set of lectures addressing Health Information Systems (HIS) in European countries.

Topics
1) Innovative Health information Data collection, sources, metrics, and indicators
2) Innovative Health Data analysis and interpretation
3) Innovative Policy and Impact Measures Transfer: from health data to policy and Interoperability
4) Innovation in Data protection (GDPR) and ethical questions for health information
5) Lessons Learnt and the Future of Health Information in Europe

Pedagogy and Evaluation:

- 50-60 minutes lecturers based on flipchart room
- Includes 10-15 minutes of discussion and a weekly group exercise
- Evaluation: Exercises and Final Essay
- Information is sent two weeks before the course (Flip Classroom)
- Information and lecturers available in the Portal

Sessions, Contends and Lecturers:

1. First Session – 7th March 2024

Innovative Health Information Data collection, sources, metrics and indicators in Emergencies and Resilience

Time	Topic	Lecturer
09:00	**Welcome and introduction to the course** Overview of the course focus on health emergencies, resilience, and preparedness	**Luís Lapão** (UNL) **Cláudio Soares** (Vice-Rector UNL)
09:20	**Welcome from PHIRI coordination: The Challenge of Health Information in Europe** Understanding the unique challenges faced by Europe in health emergencies and the role of Health Information Research	**Nienke Schutte** (Sciensano)
10:10	**Preparedness challenges in Europe** Leveraging Innovative Data Sources during Health Emergencies: Exploration of innovative data collection methods, with a focus on experiences from the COVID-19 pandemic	**Maria Loureiro** (HERA) (*tbc*)

Time	Topic	Lecturer
10:50	**Coffee Break**	
11:00	**PHIRI Data Exchange – 3 years of Rapid Exchange Forum and Impact** Research initiatives and projects Topics' Literature reviews Promoting the analysis of data exchange practices during health emergencies and their impact	**Claudia Habl** (GÖG)
11:45	**PHIRI Health Information Portal and the Role of the National Nodes** Understanding the role of centralized health information portals in emergencies and resilience	**Hanna Tolonen** (THL) (tbc) **Luís Lapão** (UNL)
12:30	**Practical Exercise** Hands-on exercise simulating data collection scenarios during health emergencies	**Mariana Peyroteo** (UNL)

2. Second Session – 14th March 2024

Health Data Analysis and Interpretation for Resilience

Time	Topic	Lecturer
09:00	**Introduction to the second session** Setting the stage for analyzing and interpreting health data in the context of resilience	**Luís Lapão** (UNL)
09:10	**Mapping and strengthening Health Information Systems through systematic assessments** Tailored assessments of health information systems to increase their resilience and preparedness	**Miriam Saso** (Sciensano)
10:00	**Improve preparedness Health Information and Capacity Building** Extracting key lessons from the COVID-19 pandemic to inform future foresight in public health	**Mariana Peyroteo** (UNL)
10:50	**Coffee Break**	
11:00	**Innovation in COVID-19 Health Information Research** Overview of cutting-edge research initiatives in the realm of health information during pandemics	**Elena Petelos** (UOC)
11:50	**Infodemic management** Addressing how the information ecosystem challenges the public health practice	**Barthélémy Moreau de Lizoreux** (Sciensano) **Tina Purnat** (University of Memphis School of Public Health) **Sonia Boender** (Public Health Service Amsterdam)
12:30	**Practical Exercise** Interactive session applying data analysis techniques to enhance resilience efforts	**Mariana Peyroteo** (UNL)

3. Third Session – 21st March 2024

Transfer from Health Data to Policy, Interoperability, and Clinical Practice in Time for Resilience and Preparedness

Time	Topic	Lecturer
09:00	**Introduction to the third session** Transitioning from data analysis to policy and practice in preparedness	**Luís Lapão** (UNL)
09:10	**Resilience, Innovation in Policy & Impact measures – Analysis and Interpretation** Examining resilience strategies and policy innovations with a focus on health impact	**Andrea Schmidt** (GÖG) **Luís Lapão** (UNL)
10:00	**Health Information Sharing: PHIRI COVID-19 Use cases** Examining real-world examples of effective health information sharing during emergencies	**Martin Thissen** (RKI)

Time	Topic	Lecturer
10:50	**PHIRI HI Federated Infrastructure** Understanding the role of federated infrastructure in enhancing health information exchange and resilience	**Enrique Bernal** (IACS)
11:30	**Coffee Break**	
11:40	**Evidence-based Policy Measures: Balancing Ethical Considerations** Discussing evidence-based policy measures while maintaining ethical standards	**Pedro Pinto Leite** (DGS)
12:30	**Practical Exercise** Hands-on activities applying lessons learned to policy and clinical practice scenarios	**Mariana Peyroteo** (UNL)

4. Forth Session – 28th March 2024

Protection (GDPR) and Ethical Considerations in Health Information for Resilience and during Emergencies

Time	Topic	Lecturer
09:00	**Introduction to the Fourth Session** Addressing ethical and data protection considerations during health emergencies	**Luís Lapão** (UNL)
09:10	**Evolution of GDPR during COVID-19: Data Protection Managers and Officers** Examining GDPR evolution and the responsibilities of data protection managers in crisis situations	**Vasco Dias** (INESC-TEC)
10:00	**Innovative Policy Transfer: the role of Information Systems** Exploring how innovative policies can be effectively transferred through robust information systems	**Mélanie Maia** (UNL)
10:50	**Coffee Break**	
11:00	**Innovative Technology Research and Ethical Challenges in COVID-19** Investigating ethical challenges associated with innovative technologies in health emergencies	**Luigi Palmieri** (ISS) **Brigid Unim** (ISS)
11:50	**GDPR & Ethics at the Health Information in Europe** Analyzing the ethical considerations and GDPR compliance in health information practices and to improve health systems resilience	**Neville Calleja** (Malta)
12:30	**Practical Exercise** Interactive sessions addressing ethical challenges through practical scenarios	**Mélanie Maia** (UNL)

5. Fifth Session – 4th April 2024

A Sustainable Future for Health Information: Readiness for Future Pandemics

Time	Topic	Lecturer
09:00	**Introduction to the Fifth Session** Summarizing the course focus and setting the stage for the future	**Luís Lapão** (UNL)
09:10	**The Future of Health Information in Europe in Times of Preparedness**	**Nienke Schutte** (Sciensano)
10:00	**Enhancing Epidemic Intelligence Activities: Innovative Health Data Analysis and Interpretation** Exploring innovative approaches to analyzing health data for improved epidemic intelligence	**Laura Espinosa** (ECDC)
10:50	**Coffee Break**	
11:00	**The Future of European Health (Data) Systems**	**Alexander Degelsegger-Márquez** (GÖG)

	Discussing the evolution and potential future developments in European health data systems	
12:00	**Digital Health Challenges for Europe**	**David Novillo** *(tbc)*
	Identifying challenges and proposing strategies for overcoming future health system data challenges	
12:30	**Course Wrap-up**	**Luís Lapão** (UNL)
	Concluding the course with a summary of key takeaways and future considerations	**Claudia Habl** (GÖG)
		Nienke Schutte (Sciensano)

Participants:

Young or recently engaged policy makers, health researchers, and knowledge brokers working on Health Information, interested in the innovations developed during COVID-19, health systems resilience, and preparedness, or interested in the results of the European Health Data Space.

Indication: 20 places are available

Registration: https://forms.office.com/e/kfDtRrSaks?origin=lprLink