Seasonal school

InnovACtion in Health care: strategy, performance and data management

Third edition

3rd – 7th October 2022

Target

This program is designed for students (undergraduate, postgraduate and PHD) from various backgrounds, who are interested in a future career in the field of data management, business and process reengineering, with a focus on health care. The program allows ambitious young students to gain an introduction into the study of health care public service governance. This seasonal school is based on a very practical approach including case studies and innovative solutions in the health care sector, considering also the recent pandemic events and how to move to a “new normal”. This program is a key opportunity for participants to develop their experience and knowledge of the subject, in a very inspiring academic environment.

TEACHING METHODOLOGIES

The IACH Seasonal School is held at Sant’Anna School of Pisa, in-person. A mix of lecture-based and laboratory classes will be developed by professors and researchers. Participants will be actively engaged through a balanced mix of interactive theoretical lectures, simulations, debates, and discussions on real case studies. Moreover, discussants and facilitators will be available during the program, to foster the interactions and improve the discussion during the lab classes. International and national researchers, managers and policy-makers will join the discussion.
## Summary of the lectures and activities

<table>
<thead>
<tr>
<th>Date</th>
<th>Course Title</th>
<th>Faculty Members</th>
<th>Discussants</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Oct</td>
<td>INTRO HEALTH CARE SYSTEMS</td>
<td>Faculty: Prof. Nuti, Prof. Vainieri, Dr. De Rosis, Dr. Terlizzi</td>
<td></td>
</tr>
<tr>
<td>4 Oct</td>
<td>PERFORMANCE EVALUATION &amp; RESILIENCE</td>
<td>Faculty: Prof. Vainieri, Dr. Ferré</td>
<td></td>
</tr>
<tr>
<td>5 Oct</td>
<td>CO-DESING &amp; CO-INNOVATION</td>
<td>Faculty: Dr. De Rosis, Dr. Pennucci</td>
<td></td>
</tr>
<tr>
<td>6 Oct</td>
<td>CARE PATHWAYS &amp; USERS’ PERSPECTIVE</td>
<td>Faculty: Dr. Corazza, Dr. De Rosis, Dr. Pennucci</td>
<td>Faculty: Dr. Cantarelli, Dr. De Rosis, Dr. Vandelli</td>
</tr>
<tr>
<td>7 Oct</td>
<td>INNOVACTION AND NEW NORMALITY</td>
<td>Faculty: Dr. Ferré, Dr. Terlizzi</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BASICS OF STATISTICS</td>
<td>Faculty: Dr. Bertarelli</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WORK &amp; DISCUSSION</td>
<td>Discussants: Prof. Vainieri, Dr. Corazza, Dr. Ferré</td>
<td>Prof. Vainieri, Dr. Corazza, Dr. Ferré</td>
</tr>
<tr>
<td></td>
<td>ELDENLY &amp; COMMUNITY BUILDING</td>
<td>Faculty: Dr. Barsanti</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WORK &amp; DISCUSSION</td>
<td>Discussants: Dr. Barsanti, Dr. De Rosis, Dr. Pennucci</td>
<td>Dr. Barsanti, Dr. De Rosis, Dr. Pennucci</td>
</tr>
<tr>
<td></td>
<td>FINAL WORK &amp; DISCUSSION</td>
<td>Discussant: Dr. De Rosis</td>
<td>Prof. Bevan, Dr. Simon</td>
</tr>
</tbody>
</table>
Schedule

Monday 3 October 2022

9am – 1pm
**InnovACtion in public sector: the case of the health care system**

**Goals:** IntroAdAction
- Brief introAdAction of the IACH School, Sant’Anna School and team building
- Introduction to the study of the public sector
- Public health care systems: actors, values and tools
- The Italian health care system

**KEY Speakers:** Prof. Sabina Nuti, Prof. Milena Vainieri, Dr. Andrea Terlizzi

4pm – 5pm
**Basics of statistics for healthcare management and InnovACtion**

**Goals:** From data to informAdAction
- Studying data and with data: data flow, database, data management
- Basic of statistics in health care management

**KEY Speaker:** Dr. Gaia Bertarelli

Tuesday 4 October 2022

9am – 1pm
**InnovACtion in performance and evaluAdAction in health care**

**Goals:** From informAdAction to EvaluAdAction
- The principles of the healthcare performance evaluation system
- Data Visualization and reporting system
- Regional comparisons of performance
- International benchmarking of performance
- Innovation in EvaluAdAction of performance

**Resilience and InnovACtion in healthcare**

**Goals:** From reAdAction to Resilience
- Resilience and pandemic crisis: implications for the healthcare system
- Measuring resilience

**KEY Speakers:** Prof. Milena Vainieri, Dr. Francesca Ferré

2pm – 5pm
**EvaluAdAction in Action**

**ACTIVE ENGAGEMENT:** Business game: fellow at work

**Assistants:** Dr. Ilaria Corazza

**Discussants:** Prof. Milena Vainieri, Dr. Francesca Ferré, Dr. Sabina De Rosi, Dr. Ilaria Corazza

Wednesday 5 October 2022

9am-1pm
**Co-design and Co-InnovACtion**

**Goals:** From Data to People to Action
- Co-production, co-design and co-innovation: concepts, methods and tools
- Co-production processes in public sector
Case studies: hAPPyMamma, beFood, AFA

ACTIVE ENGAGEMENT: Experiences of co-design and co-innovACTion, students discussing case studies

KEY Speakers and Discussants: Dr. Sabina De Rosis, Dr. Francesca Pennucci

Elderly & Community Building
2pm - 3pm
Goals: From Data to People to Action
- InnovACTion in the context of the silver economy: elderly people and long-term care
- Studying InnovACTion thought the community building

KEY Speaker: Dr. Sara Barsanti

3pm – 5pm
Co-Design in Action
ACTIVE ENGAGEMENT: Business game: fellow at work
Assistants and Discussants: Dr. Sara Barsanti, Dr. Sabina De Rosis, Dr. Francesca Pennucci, Dr. Manila Bonciani, Dr. Veronica Spataro

Thursday 6 October 2022

9am-1pm
People-Centeredness and Care Pathways InnovACTion
Goals: From Data to People to Action
- InnovACTion in the care pathways and pathways of InnovACTion
- People and users’ perspective: experience (PREMs) and outcome (PROMs) in the performance EvaluACTion and care InnovACTion
- InnovACTion in primary care

KEY Speakers: Dr. Sabina De Rosis, Dr. Francesca Pennucci, Dr. Ilaria Corazza

2pm - 5pm
Translating the people contribution into Action
ACTIVE ENGAGEMENT: Business game: fellow at work
Assistants: Dr. Elisa Peruzzo, Dr. Marzia C. Severino, Dr. Veronica Spataro
Discussants: Prof. Claudio Passino (to be confirmed), Dr. Francesca Pennucci, Dr. Sabina De Rosis

Friday 07 October 2022

9am - 10.30am
InnovACTion in policy reforms in healthcare: Resilience and New Normal
Goals: From Action to Policy
- InnovACTion in public sector: innovation before pandemic and in the new normality
- A case study to responding to the crisis or inspiring innovation in the new normality: Babylon Health
- InnovACTion and elderly people

ACTIVE ENGAGEMENT: Experiences of innovACTion, students discussing case studies

KEY Speakers and Discussants: Dr. Sabina De Rosis, Avv. Andrea Vandelli

10.30am - 13am
Goals: From Behaviours to Policy
- Resilience and InnovACTion in public sector: behavioral levers
- Behavioural economics and adoption of innovations: implications for the healthcare system

KEY Speaker: Dr. Paola Cantarelli
2pm – 5pm
**ACTIVE ENGAGEMENT:** Final work and Final DiscussAction

**Discussants:** Prof. Gwyn Bevan, Dr. Giorgio Simon, Dr. Sabina De Rosis