

“If you want to go fast, go alone. If you want to go far, go together.” – An African proverb

Do you have large, complex informatics problems to solve across multiple organizations?

The 21st century is characterized by the unprecedented ability to connect with others at scale and in real time. In public health informatics (PHI), having the right mindset, skills set and toolset for collaborative problem solving (CPS) can increase the effectiveness (“go far and fast”) by which complex problems and provided solutions are shared, communicated, implemented and maintained among diverse stakeholders in a multidisciplinary and boundary-spanning informatics practice community [Sun, 2020].

Workshop participants will work in teams on real-world scenarios to learn informatics CPS concepts, tools, and methods and then apply them using a gamified approach. Participants can then use what they learn to solve their own complex informatics problems.

Learning Objectives

By the end of the workshop, participants will be able to:

1. Explain the importance of mindset, skills set and toolset to collaborative problem solving in health informatics, and multi-domain, multi-stakeholder HIS projects
2. Recall components of a problem-solving framework and associated mental models
3. Given a use case, apply CPS methods and informatics mental models to identify skills and tools needed to solve embedded problems
4. Given an informatics use case, create or formulate well-crafted, shareable problem statements that include solution goals and value orientation
5. Given a use case, conceptualize strategic approaches to solving informatics problems within HIS projects and translate these to result-driven operational activities and tactics