Educational Symposium

AUTOMATION IN PUBLIC HEALTH DECISION-MAKING: HOW FAR CAN IT GO, HOW FAR SHOULD IT GO?

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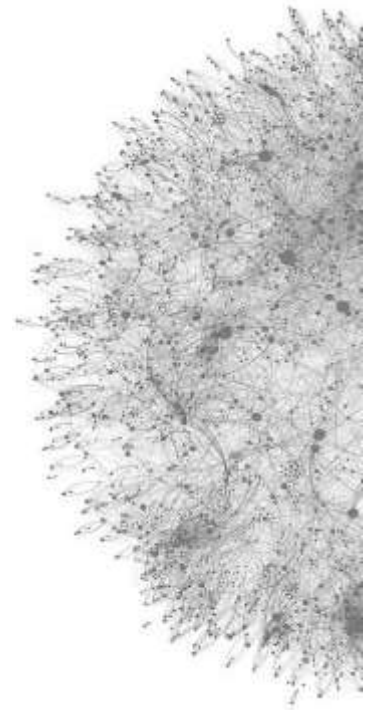
Moderator

Sandy Allerheiligen, PhD, SVP, Strategic Consulting, Health Economics and Education, Certara, Princeton, NJ, USA

AUTOMATION IN PUBLIC HEALTH DECISION-MAKING: *HOW FAR CAN IT GO, HOW FAR SHOULD IT GO?*

- Health data have been rapidly rising in volume, velocity and variety.

- The ultimate promise behind predictive analytics and machine learning, standardized data platforms or blockchain technology lies in their potential to automate analyses to provide timely real-time insights and actions.

- How are these techniques improving decision-making processes in the face of high complexity and uncertainty?

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Objectives:

- Address cutting-edge methodological advances and, from a multi-stakeholder perspective, assess their potential to provide reliable, automated real-time data interpretations in the field of public health.
- Investigate how they can help us re-define actual decision-making processes to be more robust and holisticF
- Discuss whether bigger and faster data can push us towards more dynamic decisions on the value of healthcare interventions

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