

Keynote 1: Towards a future of data-powered health

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The National Library of Medicine, charged by the NIH to become the hub of data science, will launch its new strategic plan later this fall. NLM will accelerate its investments in advanced data management and stimulate new development in data science methodologies. In addition, NLM will explore new ways to reach out to its stakeholders in the scientific and clinical community, and place new emphasis on direct-to-patient resources that will bring the power of data science in to the everyday health lives of people. Expansion of our university-based training programs in medical informatics with new data science workforce development programs will foster the development of a scientific, clinical and library science workforce capable of leveraging data-driven science into new discoveries for health. Key to our future is embracing the tenets and practices under the open science umbrella, creating an infrastructure that supports data sharing, provides incentives for participation, and monitors the use and impact of these strategies in achieving health for all.