

Douglas B. Fridsma, MD, PhD, FACMI
Biography

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Doug Fridsma, MD, PhD, FACP, FACMI, FAMIA, is the current Chief Science Officer at Health Universe. Previously, he was the President and Chief Executive Officer of AMIA, and the former Chief Science Officer for the Office of the National Coordinator for Health Information Technology (ONC).

Health Universe is a one-of-a-kind infrastructure platform that speed the development and deployment of AI agents and tools into clinical environments. As Chief Science Officer, Dr. Fridsma has maintained the certification of this platform with ONC regulations, established evaluation and monitoring of these tools as a fundamental part of the infrastructure, and serves as the medical expert for use cases and the user experience.

In prior roles, Dr. Fridsma was the president and CEO of AMIA (the American Medical Informatics Association), where he led the effort to define the field of clinical and health informatics through a systematic review of the skills knowledge and competencies for informatics professionals. This work, published in JAMIA, was used to update the clinical informatics medical board specialty, the accreditation standards for clinical fellowships, and the development of a new certification for nurses and other non-board eligible health informatics professionals.

Dr. Fridsma served as the Chief Science Officer for ONC during the first and second Obama administration, with key responsibilities for the portfolio of technical resources needed to support the meaningful use program and health information technology for the United States. While at ONC, he accelerated the development of standards through the standards and interoperability framework, a novel crowd-sourced approach to government engagement. He was the ONC champion of the JASON report that now serves as the foundation for API-based information exchange across the Health IT industry, and was the key ONC liaison to workforce development, the innovation community, and international HIT collaborations. He developed the CCDA (consolidated CDA) that now is used in over one billion transactions monthly, and served as the project officer for Smart on FHIR when it was still a government project.

Dr. Fridsma has held academic appointments at the University of Pittsburgh, Arizona State University, University of Arizona, and Mayo Clinic, and had a part-time clinical practice at the Mayo Clinic Scottsdale. He has served as a board member of SNOMED international, HL7, and the Clinical Data Interchange Standards Consortium (CDISC) where he was instrumental in developing standards for real-world evidence that bridge clinical care and clinical research. That standard has been adopted in Europe as the ISO certified BRIDG model. He has served as the chairman of the board of directors for the Center for New Data, a non-profit organization he helped to found that is dedicated to using novel forms of data to support public policy and social good. He is a sought-after speaker and biomedical informatics expert.

He is a graduate of the University of Michigan LSA Inteflex program and the University of Michigan Medical school (1990) and completed a PhD in Biomedical Informatics from Stanford University (2003).