

What Is the MedBiquitous® Program?

The MedBiquitous® Program provides the health professions education (HPE) and credentialing community with trusted guidelines, best practices, and collaborative resources to advance interoperability and innovation. It unites international HPE institutions and industry partners through services such as technical standards, shared vocabularies, community engagement, and educational resources. Bringing together collaborators across the full continuum of health professions and beyond—MedBiquitous also works in partnership with key stakeholders such as industry and other standards organizations to align efforts, amplify impact, and support shared priorities.



The Mission

The program is organized across three pillars: community engagement, innovation, and standards and guidelines. These pillars provide a strong foundation for supporting community driven work to solve problems and enable innovation within HPE.

The History

The MedBiquitous Consortium LLC, lived with Johns Hopkins University for 19 years. In December 2018, the AAMC assumed ownership of the MedBiquitous Program.

Current Initiatives

MedBiquitous advances HPE and credentialing by leveraging trusted standards, shared vocabularies, and innovative resources that strengthen data, governance, technology, and collaboration. Through national and international partnerships, we drive alignment across the continuum of health professions so the community can deliver meaningful, scalable impact in education and practice.

EMERGING TECHNOLOGY

MedBiquitous drives the integration of emerging technologies in HPE. Through the [Simulation Virtual Reality working group](#), [International Advisory Committee for Artificial Intelligence \(IACAI\)](#), and events like the "Emerging Technologies for Teaching and Learning: Digital Demonstrations Virtual Conference" we advance the use of emerging technologies to enhance responsible learning and assessment. These initiatives prepare institutions for the future while ensuring innovations meet the evolving needs of the HPE community.

DATA GOVERNANCE & CULTURE

MedBiquitous supports HPE institutions in strengthening data governance and building a data-informed culture. The Resource Hub offers tools, templates, and guidance to enhance data literacy and engagement at all levels. Key resources include a foundational repository and a data culture maturity matrix to foster informed decision-making and collaboration. The [Data Governance & Culture working group](#) develops additional tools to empower institutions and advance collective data practices. Explore [the Hub](#) to access resources or contribute your own.

COMPETENCY-BASED EDUCATION

MedBiquitous advances competency-based education (CBE) by supporting institutions in implementing competency-based curricula and fostering learning communities. For example, the [Educational Methodology](#) and [Simulation-Based Assessment](#) working groups develop tools and practical guidance to help educators assess and track learner progress effectively. By providing data frameworks and shared resources, MedBiquitous empowers institutions to make informed decisions and strengthen a collective approach to competency-based education.

TECHNICAL STANDARDS

MedBiquitous promotes technical standards that define how data are described and recorded, creating a common language understood by both people and computers. These standards enable efficient and reliable data sharing across organizations in HPE and credentialing. MedBiquitous actively participates in the Data Standards United (DSU) Steering Committee, collaborating with other standards bodies to align efforts and advance interoperability at the national level. This work ensures that MedBiquitous supports a coordinated approach to data standards, helping institutions make data-driven decisions and exchange information seamlessly.



Become a Participant



Joining MedBiquitous gives your organization the opportunity to serve on advisory committees and working groups that shape technical standards, shared vocabularies, and educational resources, driving forward innovation in HPE. [Explore MedBiquitous participation.](#)



Check out our Resource Hub



Our Resource Hub is a dynamic space that connects community, standards, and strategy to drive innovation in HPE. It fosters collaboration, shares best practices, and provides evolving tools to support standards-based solutions. Recent additions include optional AAMC template agreements—such as the Data Licensing Agreement for Research and the Primary Data Sharing Agreement with Sample Schedules—to help institutions responsibly access, use, and safeguard data.



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Subscribe to our newsletter to stay informed about MedBiquitous programming, initiatives, and engagement opportunities.



[Join our free virtual communities](#), “Data, Technology, and Innovation” and “Artificial Intelligence in Health Professions Education,” to build your network, share knowledge, celebrate your successes, and collaborate with peers on emerging topics.

