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De-identification, Pseudonymization, Anonymization and Cryptographic Tokenization for Privacy Lawyers and Compliance Managers

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Understanding data de-identification and associated safeguards that support compliance with HIPAA and GDPR is an increasingly important part of the requisite knowledge base for privacy and security lawyers and professionals. Having a precise understanding of when data is sufficiently de-identified to be out of scope for a particular privacy law is crucial. This workshop will provide a readily accessible primer for those without statistical or technical backgrounds on de-identification risk analyses and control methods that are used to meet HIPAA de-identification and GDPR pseudonymization and anonymization requirements. Recent progress in the technical ability to link de-identified data sets using cryptographic tokenization and linkage methods without exposing PHI or PII will be addressed. We'll describe innovative ways in which tokenized linking and de-identification are already being used to generate valuable insights, ranging from COVID-19 follow-up research to studies linking oncology treatments to long-term real-world data, as well as explore potential future benefits. We'll also explain little-discussed quirks in recent state law, such as the California ban on the re-identification of de-identified health data, and discuss the potential threats to medical research if non-harmonized definitions of de-identification, such as that in the ADPPA, are enacted into law.

Ann Waldo

Principal,
Waldo Law Offices, PLLC

Ann Waldo is the Principal in the boutique law firm of Waldo Law Offices in Washington, DC. She provides legal counsel regarding health data privacy, data strategy, and data transactions, as well as public policy and advocacy regarding data privacy. She has worked as Chief Privacy Officer for Lenovo, Chief Privacy Officer at Hoffmann-La Roche, in Public Policy at GlaxoSmithKline, in-house counsel at IBM, and commercial litigation. Ann has a JD from UNC Law School with high honors. She is licensed to practice law in DC and North Carolina and is a member of the Bar of the U.S. Supreme Court. She is passionate about health data and innovation.



Daniel Barth-Jones, MPH, PhD

Principal Privacy Expert,
Privacy Hub by Datavant

Dr. Barth-Jones joined *Privacy Hub by Datavant* in June of 2022 as a Principal Privacy Expert. His experience conducting and managing statistical disclosure limitation operations and research has spanned more than two decades, involving activities in both the healthcare information industry and in academia. He has provided educational training and made numerous scientific presentations on statistical disclosure limitation to state and national healthcare organizations, commercial healthcare and healthcare information companies, federal agencies, and academia. Prior to joining Privacy Hub, Dr. Barth-Jones was an Assistant Professor of Clinical Epidemiology on the faculty of the Department of Epidemiology at Columbia University from 2007 to 2022 and was a faculty member in the Center for Healthcare Effectiveness Research at the Wayne State University Medical School from 2000 to 2006. Daniel was also the Founder and President of dEpid/dt Consulting for more than twenty years, providing consultation regarding how to best protect the privacy and identities of entities within health information databases while simultaneously preserving the analytic accuracy of such healthcare data for statistical analyses. He received his Master of Public Health degree in General Epidemiology and Ph.D. in Epidemiologic Science from the University of Michigan.



Peter Dumont

Chief Privacy Officer,
Optum Labs

Peter Dumont serves as Vice President and Chief Privacy Officer at Optum Labs. He leads privacy at Optum Labs, and has managed de-identification programs for UnitedHealth Group for over 12 years. At UnitedHealth Group, he has held senior leadership roles in information security, privacy, and data governance. He was a member of the HITRUST De-identification Working Group assisting in developing and issuing the HITRUST De-identification Framework and was Co-chair of the Workgroup for Electronic Data Interchange (WEDI) Security and Privacy Workgroup from 2015 to 2018, supporting their advisory role to HHS. Peter contributed to the National Institute of Standards and Technology Interagency 8053 report on De-Identification of Personal Information. He holds his Certified Information Privacy Professional/United States, Certified Information Systems Security Professional, and HITRUST Certified De-identification Expert certifications. He has a B.S. in Computer Science from the United States Naval Academy and a Masters in Information Technology. Peter served in the U.S. Marine Corps for five years. Prior to joining Optum in 2006, he was an Information Risk Manager with KPMG, LLC.



Speaker

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