

PRESENTER BIOGRAPHICAL SKETCHES
HIT Policy Committee – Privacy & Security Tiger Team
Hearing on Patient Matching
December 9, 2010

Panel 1: What is the problem? Why is accuracy in patient matching needed?

- *Barbara Demster, HIMSS*
- *Scott Whyte, Senior Director of Physician and Ambulatory IT Strategy, Catholic Healthcare West*
- *Shaun Grannis, Director and Principal Investigator for DRI-ICE, Regenstrief Institute*
- *Brad Malin, AMIA*
- *Garland Land, National Association for Public Health Statistics and Information Systems*

Scott Whyte, Vice President, Clinical Systems, Catholic Healthcare West, Inc. Mr. Whyte is the Senior Director of Physician and Ambulatory IT Strategy at Catholic Healthcare West (CHW). In his role, he oversees IT strategy and advanced IT projects to serve physicians and patients in CHW's communities. His role includes leading CHW's IT planning for the American Recovery and Reinvestment Act (ARRA), the Patient Protection Affordable Care Act (ACA) and Health Information Exchanges. Prior to joining CHW in 2005, Mr. Whyte was Vice President and CIO at Phoenix Children's Hospital and has spent over 17 years consulting with Ernst & Young, Siemens Medical Solutions and Capgemini to hospitals, health insurers and life sciences companies. He has spoken nationally on topics including portals, health information exchanges and genomics. Mr. Whyte currently serves on the State of California's HIE Technical Advisory Board (Cal eConnect). He also founded and served as Co-Chairman of the HL7 Clinical Genomics Special Interest Group, which is working with an international team of physicians, biopharmaceutical specialists, bioinformatics specialists and regulators to develop an international data exchange standard for genetic information. Mr. Whyte graduated from the University of Arizona magna cum laude with a B.S.B.A. in Management Information Systems and magna cum laude with a B.A. in Economics. He is active in the community as a board member for the Juvenile Diabetes Research Foundation (JDRF) and a board member of his local church. Scott and his wife Elise have four children and reside in Paradise Valley, Arizona.

Shaun Grannis, MD, Research Scientist & Director and PI, Indiana Center of Excellence in Public Health Informatics, Regenstrief Institute. Dr. Grannis's research interests include developing, implementing and studying technology to overcome the challenges of integrating data from distributed systems for use in health care delivery and

research. His patient matching research has received recognition from the American Medical Informatics Association for outstanding contribution to the body of medical informatics knowledge.. He serves as technical co-chair for the national Health Information Technology Standards Panel's biosurveillance workgroup to develop standards for population health information exchange. He is involved in multi-year studies that explore multiple facets of disease detection and public health surveillance challenges, including geographical de-identification, understanding temporal-spatial disease trends, and developing regional clinical reminders. He is leading a 4-year project integrating data flows from over 110 hospitals in the state of Indiana for use in disease surveillance and clinical research. He has worked with Indiana, Michigan, Texas, and other states to develop statewide data sharing initiatives. Dr. Grannis also maintains a clinical practice.

Bradley Malin, Ph.D., Assistant Professor, Department of Biomedical Informatics, School of Medicine, Vanderbilt University. Dr. Malin holds a primary appointment as Assistant Professor of Biomedical Informatics in the School of Medicine and a secondary appointment as Assistant Research Professor of Computer Science in the School of Engineering at Vanderbilt University in Nashville, Tennessee. He is the founder and current director of the Health Information Privacy Laboratory (HIPLab), an interdisciplinary endeavor that was established to address the growing need for data privacy research and development for the rapidly expanding health information technology sector. The HIPLab is funded through various grants from the National Science Foundation and National Institutes of Health and to construct technologies that enable privacy in the context of real world organizational, political, and health information architectures. To build practical solutions, the HIPLab draws upon methodologies in computer science, biomedical science, and public policy, but has also been known to innovate novel computational techniques when the state-of-the art is insufficient. In addition to its role as a scientific research program, for the past several years, the HIPLab has functioned as a data privacy consultation service for the Electronic Medical Records and Genomics (eMERGE) network, a consortium sponsored by the National Human Genome Research Institute and National Institute of General Medical Sciences.

Under the direction of Dr. Malin, the HIPLab has made contributions to a number of health-related areas, including intelligent auditing technologies to protect electronic medical records from misuse in the context of primary care, as well as algorithms to formally anonymize patient information disseminated for secondary research purposes. Notably, their investigations on the empirical risks to health information re-identification have been cited by the Federal Trade Commission in the Federal Register and certain privacy enhancing technologies they have developed have been featured in

popular media outlets and blogs, including Nature News, Scientific American, and Wired magazine. Research artifacts from the HIPLab have received several awards of distinction from the American and International Medical Informatics Associations and this year Dr. Malin was honored as a recipient of the Presidential Early Career Award for Scientists and Engineers (PECASE), the highest honor bestowed by the U.S. government on outstanding scientists and engineers beginning their independent careers.

Dr. Malin completed his education at Carnegie Mellon University in Pittsburgh, PA, where he received a bachelor's in biological sciences, a master's in data mining and knowledge discovery, a master's in public policy and management, and a doctorate in computer science.

Garland Land, Executive Director, NAPHSIS, National Association for Public Health Statistics and Information Systems.

Panel 2: What are the solutions? What is the status of those solutions for healthcare?

What are the gaps?

- *Sara Temnitz, Data Quality Business Product Manager, Veterans Health Administration*
- *Paul Oates, Senior Enterprise Architect, CIGNA (National Health Plan)*
- *Dr. Scott Schumacher, Chief Scientist, IBM Software Group*
- *Rich Elmore, Vice President of Strategic Initiatives, Allscripts*

Sara Temnitz has been working for the Department of Veterans Affairs (VA) for over 20 years and has contributed her experience to improving the care given to our nation's veterans. She currently serves as the Business Product Manager for the Data Quality Program within the Veterans Health Administration's Office of Information. In this role, she has technical responsibility for the business products related to Data Quality and Identity Management, including VHA's Master Veteran Index, as they relate to health care operations. As part of the numerous inter-agency efforts to standardize and share health information, she participates as a subject matter expert on different workgroups that facilitate these efforts within VA, with Department of Defense and with other federal and non-governmental efforts.

Previously, Ms. Temnitz was the Chief of Information Resources Management for the Milwaukee Veterans Affairs Medical Center (VAMC), where she also served as a system administrator and lead programmer for the application support and development unit; these roles also involved participation in various other assignments

including serving on quality improvement teams throughout the VA health care system.

Ms. Temnitz received her undergraduate degree from the University of Wisconsin - Madison in Madison, Wisconsin in Cartography and was employed by the Department of Defense as a Geodesist and Mathematician before joining the Department of Veterans Affairs. Ms. Temnitz's current remote VA Central Office position is physically located at the Milwaukee VAMC and provides her the opportunity to be involved in innovative and leading-edge developments in healthcare identity management and data quality, as VHA embarks on re-hosting and re-engineering initiatives to improve veterans' healthcare, as well as activities related to data sharing with external sharing partners.

J. Paul Oates, Senior Enterprise Architect, CIGNA Healthcare. Paul is currently a Senior Enterprise Architect for CIGNA Healthcare, focusing in the areas of Clinical Management Systems, Master Data Management, ICD10, HIPAA 5010 and eHealth. Prior to CIGNA, Paul has had several different roles at CIGNA, UnitedHealthcare and other health plans in both line and staff IT roles, including Medical Management, Informatics, Claims and Provider disciplines.

Paul has also held roles in Hospital and Provider IT organizations, including leadership of the Hospital IT department at Middlesex Hospital, Middletown CT which was one of the early but successful implementers of a community health information network, linking the hospital and over 100 physician practices for clinical results reporting

Paul is active in the Health Information Management and Systems Society, having been part of efforts in the Payer Roundtable, the Payor Symposium, and the Annual Conference Education Committee. Currently, he is chair of the Patient Centered Payer Roundtable. He was a participant in the Healthcare Information Technology Standards Panel Admin and Finance Domain Technical Committee and has had several other industry engagements in Board and Incorporator roles in Local RHIOs. As a healthcare IT professional who has worked on "both sides of the fence", his interest area continues to be in bridging gaps between health plan and provider stakeholders to improve electronic health record technology use and adoption and hopefully lower health cost and improve quality.

Scott Schumacher, Ph.D., Initiate Chief Scientist, IBM Information Management
Scott Schumacher is a well-known technology expert specializing in statistical matching algorithms for healthcare, enterprise, and public sector solutions. For more than 20 years Dr. Schumacher has been heavily involved in research, development, testing, and

implementation of complex data analysis solutions, including work commissioned by the Department of Defense.

As chief scientist, Schumacher is responsible for the research and development of the Initiate matching algorithms, and holds multiple patents in the entity resolution area. He is also responsible for the IBM® Initiate Master Data Service® product architecture.

Schumacher has a Bachelor of Science degree in Mathematics from the University of California, Davis, and received his Master of Arts and Doctorate degrees in Mathematics from the University of California, Los Angeles (UCLA). He is currently a member of the Institute for Mathematical Statistics and the American Statistical Association.

Richard Elmore, Vice President, Strategic Initiatives. Rich Elmore is Allscripts Vice President, Strategic Initiatives leading their Provider Analytics business. Rich had a long career at IDX where he was Vice President of Product Development for Flowcast and then the Flowcast Hospital P&L leader. After the acquisition of IDX by GE, Rich led the technology integration of the GE Healthcare IT business. He was then recruited by Accel-KKR (Kohlberg Kravis Roberts) to a Senior Vice President / COO-role leading a software and services firm.

Rich graduated from Dartmouth College where he was awarded a Senior Fellowship and the Kemeny Prize in Computing. He received his Masters degree in Economics from the New School University in New York City. Rich is the Communications Workgroup leader for the ONC's Direct Project (formerly NHIN Direct). He is the editor of Healthcare Technology News (news.avancehealth.com). He was a charter member of the Interoperability Workgroup for the Certification Commission for Healthcare Information Technology. He serves on the Boards of Directors for Vermedx, a chronic disease technology company and as Vice Chair for the King Street Center serving impoverished youth and their families in Burlington Vermont.

Panel 3: What are the solutions? What is the status of those solutions for healthcare?

What are the gaps?

- *Mark Gingrich, Chief Information Officer/SVP, & Paul Uhrig, General Counsel & EVP Legal and Finance, Surescripts*
- *Ken Tarkoff, Senior Vice President/General Manager, Relay Health*
- *Sean Nolan, Chief Architect and General Manager for the Health Solutions Group, Microsoft*
- *Paul Contino, Mt Sinai & Smart Card Alliance [invited]*

Paul Uhrig is General Counsel and Executive Vice President Legal & Finance. In this capacity, Mr. Uhrig is responsible for finance and accounting, internal audit, legal, privacy and governmental affairs. Paul also leads certification compliance, a critical new function that Surescripts will emphasize as part of its larger focus on e-prescribing reliability, quality and patient safety. Mr. Uhrig brings 20 years of legal experience to Surescripts, focusing on the healthcare industry throughout that time. At Gardner Carton & Douglas, Mr. Uhrig focused on mergers, asset and stock acquisitions, joint venture formation and corporate planning with healthcare clients. His clients included private equity investors in middle market transactions, portfolio companies, health care systems, ancillary providers of health care services, physician groups, and investors involved with health industry projects and various other enterprises related to the healthcare industry. Prior to joining Gardner Carton & Douglas, Mr. Uhrig was a partner in the Washington office of Akin Gump Strauss Hauer & Feld LLP.

Mr. Uhrig has extensive experience structuring joint ventures and business arrangements in compliance with applicable corporate, securities and tax laws, federal and state fraud and abuse provisions, privacy laws, fee-splitting statutes and other corporate and health care regulatory provisions. Mr. Uhrig received his law degree from the American University, Washington College of Law, and his Bachelors of Arts in Economics from The University of Notre Dame.

Ken Tarkoff, Senior Vice President & General Manager, Relay Health Corp.

Ken Tarkoff joined RelayHealth in 2006 and serves as Senior Vice President and General Manager of Clinical Solutions. He has 17 years of experience in healthcare services and technology, and is a member of the Office of the National Coordinator (ONC) HIT Standards Committee. Previously, Ken was COO of the RelayHealth Corporation purchased by McKesson. Prior to joining RelayHealth, Ken was the Director of Supplier Services at Xign Corporation, Vice President of Product Management for Questium, and Vice President of Regional Operations at Vivra Specialty Partners. He holds a Bachelor of Arts Degree from Amherst College and a Masters Degree in Business Administration from the Kellogg Graduate School of Management at Northwestern University.

Sean Nolan

Distinguished Engineer, Microsoft Health Solutions Group

In his role at Microsoft, Nolan is responsible for product development and operations for the company's enterprise and consumer healthcare platforms, Microsoft Amalga and Microsoft HealthVault. He also speaks on health information technology (HIT) policy and opportunities in the HIT market, and is a regular contributor to public-private initiatives leveraging technology to improve worldwide health.

Before rejoining Microsoft in 2006 to help create the Health Solutions Group, Nolan served as founder and president of Software Poetry Inc., a software and management consultancy. Before Software Poetry, Nolan was chief technical officer for drugstore.com. While there, he was honored as one of the nation's Premier 100 IT Leaders for 2001 by Computerworld magazine. Nolan has co-founded a number of other technology ventures, including Cognisoft Corp. Cognisoft was acquired by Verity, where Nolan served as vice president of Technology for Information Applications.

A graduate of Dartmouth College, Nolan began his software career at Microsoft, where he was amazed to find people willing to pay him to work on software problems.

Paul Contino, Vice President, Information Technology, Mount Sinai Medical Center. Contino is a health care IT executive with more than 15 years of experience in technology development and management. He oversees Mount Sinai's extensive application portfolio, which encompasses all clinical, financial and administrative systems used by the hospital and school of medicine. In addition, Contino is responsible for the overall architecture of all custom developed applications and database systems.

Panel 4: Approaches in other industries – Do approaches used in other industries address gaps seen in health care?

- *Laurence Castelli, Privacy Officer, Customs & Border Protection, Department of Homeland Security*
- *Timothy Boomershine, FICO (Finance)*

Timothy Boomershine, Senior Manager, Collections and Recovery Analytics, FICO. Timothy Boomershine has been active in the IT and Analytics industry for 20+ years. For the last 10 years he has led the delivery of complex analytic services, utilizing diverse data assets, to large financial services and telecom organization. Currently he leads the analytic development and delivery team for Analytic and Business Consulting, Collections and Recovery team of FICO, the leading provider of decision support analytics around the globe.