

PRESENTER BIOGRAPHICAL SKETCHES
Joint HIT Policy and Standards Committee
JASON Task Force – Listening Session

July 31, 2014

Panel 1: Exchange Service Providers

David Horrocks, Chesapeake Regional Information System for our Patients (CRISP)

Ted Kremer, Rochester RHIO

Jitin Asnaani, CommonWell Health Alliance

Eric Heflin, Healtheway

David Horrocks has served as the organization's President & CEO since its launch in 2009. He participated in the HIE planning and pilot projects beginning in 2006 which led a handful of visionary business and healthcare leaders in Maryland to form CRISP.

Prior to joining CRISP full time, David was Senior Vice President for EMR Initiatives at Erickson Retirement Communities, where he was responsible for several startup ventures seeking to promote electronic medical records and health information exchange. David also served four years as Chief Information Officer for Erickson, during which time the company deployed Centricity EMR to its primary care practices, then spread across eight states. He subsequently extended electronic medical records to Erickson's Skilled Nursing facilities and Rehab departments.

Prior to joining Erickson, David was with Visalign, an IT consulting firm, where he focused on infrastructure technology and economic analysis of IT projects. He also spent five years as a technologist and department manager for AbiliTech, a nonprofit company providing technology services to people with disabilities. David holds a B.S. in Engineering from the University of Pennsylvania, an M.B.A. from the Wharton School of Business, and an M.P.H. from the Johns Hopkins Bloomberg School of Public Health, where he continues to pursue studies. He and his wife Amy live in Maryland and have six children.

Ted Kremer, MPH has worked in the health information field since 1985, helping to form and oversee the information systems for a variety of successful startup healthcare organizations. He has led the Rochester RHIO since its inception in 2006. He has been active in New York State policy formation related to state-wide health information exchange, serving as co-chair of both the New York State eHealth technical and privacy work groups. He and his staff collaborate and share best practices with health information exchange efforts across the country and have participated in numerous national forums on health information exchange.

He received his undergraduate degree from the University of California-Santa Barbara, and a Master's degree in Public Health from Yale University. He is a member of the

Monroe County Board of Health and sits on the Board of Forte Research Systems, a clinical trial software company.

Jitin Asnaani is on a mission to commoditize interoperability. He pursues this mission through his role as Director of Technology Standards and Policy at athenahealth, where he drives and advocates for the adoption and usage of open standards through collaborative interoperability initiatives. In particular, he is an active member of the CommonWell Health Alliance, and sits on the Operating and Membership Committees.

Previously at athenahealth, Jitin was Director of Product Management, focused on building the company's interoperability platform and population health services. Prior to athenahealth, Jitin worked at the [Office of the National Coordinator for Health IT \(ONC\)](#), where he led the [S&I Framework](#), the [Direct Project](#), and other national initiatives for health information exchange. Jitin has a Bachelor's degree in Computer Science & Engineering from MIT and an MBA from Harvard Business School.

Eric Heflin is the Chief Technology Officer for the eHealth Exchange (formerly known as the Nationwide Health Information Network) . He is also the CTO of HIETexas and a member of the IHE International Board of Directors. Formerly, Eric was the Director of R&D for HIE vendor where he architected and deployed numerous exchanges at the regional, IDN, state, national levels. Eric also co-author of many eHealth Exchange production specifications that are in use today. Professional interests include analytics, large-scale systems design, security, and interoperability.

Panel 2: Research

William Tierney, Regenstrief Institute

Sarah Greene, Patient-Centered Outcomes Research Institute (PCORI)

Landen Bain, CDISC

Gwen Darien, Cancer Support Community

William Tierney, MD is President and CEO of the Regenstrief Institute, the country's oldest research institution dedicated to improving health systems. The Regenstrief Institute is a 501(c)(3) nonprofit organization that supports the research and service missions of the Indiana University School of Medicine where Dr. Tierney is Associate Dean for Clinical Effectiveness Research and practices as a hospitalist at Eskenazi Hospital in Indianapolis. Dr. Tierney is a medical informaticist whose research focuses on improving health care delivery through developing and implementing electronic health record systems (EHRs) in hospital and outpatient venues in Indiana and in East Africa, where in 2000 his team of developers implemented sub-Saharan Africa's first ambulatory EHR which has grown and evolved into OpenMRS, the world's most widely used open-source EHR system that's been implemented in more than 40 countries. Dr. Tierney is a member of the Institute of Medicine and the Association of American Physicians and is a Fellow of the American College of Medical Informatics and Master of the American College of Physicians.

Sarah Greene, MPH is a Senior Program Officer with the Methods and Infrastructure Program at the Patient-Centered Outcomes Research Institute (PCORI). She is responsible for providing intellectual and organizational leadership for the program, primarily working with awardees on PCORI's National Patient-Centered Clinical Research Network, PCORnet.

Sarah's research has included patient-centered communication, health literacy, quality of cancer care, improving the human subjects research process, and optimization of multi-site collaboration. At the Group Health Research Institute, she served leadership roles on federally funded consortium projects, including the Cancer Research Network, Cancer Communication Research Center, and the HMO Research Network. As a member of the Clinical & Translational Science Awards consortium, Greene chaired the national Community Partners Integration work group. Most recently, as a healthcare strategy consultant for Group Health Cooperative, she led initiatives on improving patient service, cancer outcomes measurement, and branding.

Greene has authored numerous manuscripts focused on development and implementation of multicenter research, and she created ResearchToolkit.org, which aggregates publicly available resources related to conduct of health research studies. She received both an MPH, with an emphasis in epidemiology, and a BA in Psychology and Italian from Indiana University.

Landen Bain works with CDISC, a global medical research standards development organization, as liaison to the healthcare information community to develop and implement data exchange standards between healthcare and medical research. Mr. Bain focuses his efforts on realizing improved interoperability today, with the immediate demonstration and implementation of existing standards. An example is a cooperative effort Bain leads between CDISC and Integrating the Healthcare Enterprise (IHE) to enable clinical research execution from within Electronic Health Record (EHR) systems. This work brings together for the first time biopharmaceutical, EHR and research technology companies to develop interoperable solutions. The work has been demonstrated at six HIMSS Interoperability Showcases, and continues today with the creation of a number of real world studies in live research sites.

Mr. Bain works with a number of research projects, including the EHR4CR effort in Europe (www.ehr4cr.eu), the US funded SHARPn grant through Mayo (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3243296/>). Mr. Bain served as co-chair of the HITSP Clinical Research Tiger Team and the CCHIT Strategic Lead for Clinical Research Workgroup. Both of these efforts move the use of EHRs for clinical research into the mainstream of the healthcare and clinical research industries. Mr. Bain is currently working on integration profiles for automating business processes between research and healthcare (Retrieve Process for Execution) and on methods for capturing and respecting the privacy preferences of subjects (Redaction Services).

Mr. Bain served for over 20 years as Chief Information Officer of two large academic medical centers: Duke University Health System in Durham, North Carolina and Ohio State University Hospitals in Columbus, Ohio. Mr. Bain was recognized by the HL7

Board as an 'HL7 Pioneer' in 1991 for his work as an early adopter of HL7 while at Ohio State University. He is a charter member of the College of Healthcare Information Executives.

Gwen Darien is Executive Vice President of Programs and Services at the Cancer Support Community (CSC), where she oversees research, programs, education, and patient and family services.

Prior to joining CSC, Gwen was a director of The Pathways Project—an organization that puts people at the center of health care research and delivery. She served as executive director of the Samuel Waxman Cancer Research Foundation. In this role, she was committed to developing collaborations across all segments of the cancer community to translate research discoveries from the bench to the bedside.

Prior to joining SWCRF, Gwen was editor-in-chief of CR magazine and director of the American Association for Cancer Research Survivor and Patient Advocacy Program where she led initiatives to foster mutually beneficial and enduring partnerships among cancer survivor, patient advocacy and scientific communities through collaborations, communications and education. CR magazine was launched under Darien's leadership in March 2006 to serve an unmet need: a forum for sharing credible, balanced information about life with cancer and perspectives on the pressing challenges in cancer research today.

Gwen was previously the editor-in-chief of MAMM, a consumer magazine dedicated to women with breast and reproductive cancer. During Darien's tenure, MAMM won international acclaim for its coverage of survivorship, health disparities, controversies in women's cancers and health care policy.

Gwen has addressed cancer survivors and scientists across the country and in Europe at many panels, workshops and conferences. Gwen is a member of the Steering Committee of the Data Liquidity Coalition and the program committee of the Accelerating Anti-Cancer Agent Development and Validation Workshop. She served as Chair of the NCI Director's Consumer Liaison, the Secretary's Advisory Committee on Health, Genetics and Society and the advisory board of Center for Patient Partnerships at the University of Wisconsin and the Health Advocacy Program at Sarah Lawrence College.

Panel 3: Standards

Grahame Grieve, Fast Healthcare Interoperability Resources (FHIR)

Thomas Beal, openEHR

Steve Emrick, National Library of Medicine (NLM)

Stan Huff, Healthcare Services Platform Consortium

Grahame Grieve is Principal of Health Intersections, where he specialized in healthcare interoperability, balancing clinical, management and business perspectives with a deep technical knowledge and capability. A long-time member of HL7 with expertise in V2 and V3, Grahame is the principle author of HL7's FHIR® specification.

As a consultant and vendor, Grahame has created his own interface engine supporting both V2 and FHIR, regularly teaches HL7 concepts, is the Australian lead for implementing CDA, and maintains an active blog where he advises implementers on the nuances of implementing V2, V3, CDA® and FHIR®. He is also involved in a number of open source industry consortiums including Open Healthcare Framework, Open Health Tools, and the Indy Project.

Thomas Beale's early experience was in CMM level 4 engineering of real-time control systems. He has also worked in some of the largest financial enterprises in Australia, in both a strategic advisory capacity and on project implementation. He has worked in e-health since 1994, when he was the technical advisor for the Good European Health Record (GEHR) project.

Since 1998, he has been involved in international e-health standards development (OMG, HL7, CEN, IHTSDO), including as an IHTSDO Technical Committee member 2009-2012. He has worked on the openEHR architecture since 2001, and designed the archetype formalism (ADL) and reference compiler, now in use by CEN and ISO.

He is now working on E-health strategy, including open health computing platforms; the platform economy for the health IT sector; new approaches to the EHR; doing health IT standards properly; how to run a national e-health programme.

Steven Emrick, since November 2011, has directed the newly formed Terminology Quality Assurance and User Services Unit at the National Library of Medicine. Before taking charge of the team, Mr. Emrick had 4 years of experience in QA and user support of NLM Terminology products. He holds a B.Sc. in Molecular Biology from Juniata College in Huntingdon, PA (1998). Mr. Emrick is also a veteran of the United States Army, where he served for 5 years in Signals Intelligence.

Currently, Mr. Emrick's team is made up of 6 Full Time Employees and 2 contract staff who are in charge of user support, training, quality assurance, and documentation of NLM Terminology products such as the Unified Medical Language System (UMLS), SNOMED CT, RxNorm, the Pubmed Mapping file, and the Value Set Authority Center (VSAC). In this role, he works closely with users of their terminology products in both the public and private sectors on various issues and concerns that have a wide range of complexity such as licensing, content, tooling, and policy. Mr. Emrick is in constant contact with their partners at the Office of the National Coordinator of Health IT (ONC) and Centers for Medicare/Medicaid (CMS) to respond to user concerns vis-à-vis the Meaningful Use program, in particular as it relates to NLM vocabulary standards and VSAC. Mr. Emrick also regularly monitors the UMLS Listserv and responds to customer issues that may range from using their UMLS Terminology Services (UTS) API, data customization, licensing, concept synonymy, or implementation.

There is a learning curve to adopting and implementing vocabulary standards. Thus, Mr. Emrick has tried to make it easy for users to find educational materials on their website that can help them get started. For example, the [UMLS Video Learning Resources page](#) has several webinars and Quick Tour videos that explain setting up their APIs,

understanding vocabularies and tooling, or customizing data. In addition, he has contributed to the development of Quick Start Guides for both the [UMLS](#) and [RxNorm](#), which are valuable resources for new users. For those who want a “deep dive” into content, the [UMLS Source Vocabulary Documentation](#) offers synopses of all 152 source vocabularies in the current (2014AA) UMLS Metathesaurus. Their [Meaningful Use and EHR Certification page](#) makes it easy for those trying to meet MU criteria to find helpful NLM terminology products and tooling in one place.

Mr. Emrick also participates on the Medical Subject Headings (MeSH) Linked Data Committee, which is charged with releasing MeSH in RDF format in the 2nd half of 2014. This will make it easier for MeSH users to link the models that are using MeSH for indexing and annotation to the underlying semantics and relationships of the terminology.

Mr. Emrick feels very fortunate to work at the National Library of Medicine. It is a terrific organization full of dedicated public servants who have done wonders to advance clinical vocabulary standards, as well as release products and tooling that ease process of standards implementation.

Dr. Stanley M. Huff, M.D. is Professor (Clinical) of Biomedical Informatics at the University of Utah, and the Chief Medical Informatics Officer at Intermountain Healthcare. He is board certified in Clinical Pathology, and in Clinical Informatics. His career has been in the field of Biomedical Informatics. He has worked in the area of medical vocabularies and medical database architecture for the past 25 years. He is currently a fellow of the American College of Medical Informatics, a co-chair of the Logical Observation Identifier Names and Codes (LOINC) Committee, the Chair of the Board of Directors of Health Level Seven (HL7), and a member of the ONC HIT Standards Committee. He teaches a course in medical vocabulary and data exchange standards in the Department of Biomedical Informatics at the University of Utah.