

Health Level Seven® International For Immediate Release

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HL7 Offers Free Ambassador Webinar—Preparing for the Collection and Use of External Family and Genetic Test Result Data

Ann Arbor, Michigan, USA – July 27, 2011 – Health Level Seven® International (HL7®), the global authority for interoperability and standards in healthcare information technology with members in 55 countries, will present a complimentary Ambassador webinar titled "Preparing for the Collection and Use of External Family History and Genetic Test Result Data" on the HL7 clinical genomics standards next Wednesday, August 3 from 1:00 – 2:00 pm EDT. Grant Wood, senior IT strategist with Intermountain Healthcare's Clinical Genomics Institute, HL7 ambassador and member of the HL7 Clinical Genomics Work Group, will discuss the topic of HL7 standards for personalized medicine—namely family health history and genetic test result data in the electronic health record (EHR).

Patients and consumers will use family health history applications, personal health records (PHRs,) and genetic testing services outside of a healthcare organization, but will still expect the data to make it into their EHR. With rapidly-changing developments in genomic sequencing technology, adoption of genetic testing into routine clinical care will increase. As a solution, the HL7 Clinical Genomics messaging models can be leveraged to structure family history data and genetic test results into the EHR for use by clinical decision support systems.

This presentation will review the HL7 Pedigree (Family History) and Genetic Variation data transmission models, current pilots and implementations, a CDA genetic test result template that is under development, and a sample clinical use case of how this will work in the EHR. These standards will facilitate the flow of genetic information from genetic testing laboratories to medical practitioners who have ordered such information for patient care. The clinical significance of this model results in new knowledge – from pharmacogenomic applications, to the efficient re-interpretation of genetic variants, and to the coming creation, transmission, and use of large genomic data sets. This will accelerate adoption of DNA-based discoveries into clinical care.

Working for Intermountain Healthcare's Clinical Genetics Institute in Salt Lake City, Utah, Grant Wood is responsible for creating computer systems that will support healthcare providers in delivering genetics-based clinical care. Besides his work with HL7, Grant serves on the board of directors for AlphaNet and the Mountain States Genetics Foundation.

To register for this free webinar, please visit http://www.hl7.org/events/ambassador082011/.

HL7 Ambassadors present standardized presentations about HL7 as speaker volunteers. They are available to present at local, regional or national conferences. Please contact HL7 at +1 (734) 677-7777 if you would like to schedule an HL7 Ambassador for an upcoming event.

About Health Level Seven International (HL7)

Founded in 1987, Health Level Seven International is the global authority for healthcare information interoperability and standards with affiliates established in more than 30 countries. HL7 is a non-profit, ANSI accredited standards development organization dedicated to providing a comprehensive framework and related standards for the exchange, integration, sharing, and retrieval of electronic health information that supports clinical practice and the management, delivery and evaluation of health services. HL7's more than 2,300 members represent approximately 500 corporate members, which include more than 90 percent of the information systems vendors serving healthcare. HL7 collaborates with other standards developers and provider, payer, philanthropic and government agencies at the highest levels to ensure the development of comprehensive and reliable standards and successful interoperability efforts.

HL7's endeavors are sponsored, in part, by the support of its benefactors: Abbott; Accenture; Allscripts; Booz Allen Hamilton; Centers for Disease Control and Prevention; Duke Translational Medicine Institute; Epic; European Medicines Agency; the Food and Drug Administration; GE Healthcare Information Technologies; GlaxoSmithKline; Hospital Corporation American (HCA); IBM; Intel Corporation; InterSystems Corporation; Kaiser Permanente; Lockheed Martin; McKesson Provider Technology; Microsoft Corporation; NICTIZ National Healthcare; Novartis; Oracle Corporation; Partners HealthCare System, Inc.; Pfizer, Inc.; Philips Healthcare; Quest Diagnostics Inc.; Siemens Healthcare; Thomson Reuters; the U.S. Department of Defense, Military Health System; and the U.S. Department of Veterans Affairs.

Numerous HL7 Affiliates have been established around the globe including Argentina, Australia, Austria, Brazil, Canada, Chile, Colombia, Croatia, Czech Republic, Finland, Germany, Greece, Hong Kong, India, Italy, Japan, Korea, Luxembourg, The Netherlands, New Zealand, Norway, Puerto Rico, Romania, Russia, Singapore, Spain, Sweden, Switzerland, Taiwan, Turkey, United Kingdom, and Uruguay.

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