



## Data-driven Medicine in the Age of Genomics

Date: December 11, 2014

Location: Top of the Hill at the Reserve Officers Association, Washington, D.C.

Since the enactment of the HITECH Act in 2009, taxpayers and the medical industry have collectively invested more than \$100 billion in an information technology infrastructure suited to America's 21<sup>st</sup> century health needs. These investments hold vast potential for revolutionizing medical science, population health and cost management. Yet realizing this promise requires progress on a wide range of market, regulatory and legislative obstacles, many of which are relics of a "pre-data" era. Nowhere are the potential opportunity costs greater than in genomic medicine—the mapping and sequencing of genes to discover and create individualized treatments for genetically driven diseases like cancer and diabetes.

Join *Health IT Now* and the *Center for Data Innovation* for a day of discussion among leading policy insiders, experts and stakeholders, exploring the political, legal and operational issues in the emerging data-driven world of genomic medicine.

### Wednesday, December 10<sup>th</sup>

5:30 – 7:30 pm      **Cocktail Reception**, Hosted by Oracle

### Thursday, December 11<sup>th</sup>

8:15 – 9:00 am      Registration and Continental Breakfast

9:00 – 9:10          **Welcoming Remarks and Overview**  
**Joel White**, Executive Director, Health IT Now Coalition

9:10 – 9:40          **Opening Keynote address: *The Age of Genomics***,  
**Dr. David H. Ledbetter**, PhD, FACMG, Executive Vice President and Chief  
Scientific Officer at Geisinger Health System

9:40 – 10:40        **Roundtable on the promise of genomics.** In 2003, the mapping of the human genome opened the door to a new era of targeted therapy and preventative care. Will genomics lead to lower medical costs and better care? How far have we come toward realizing this promise? What does the future hold?

*Moderator:*            **Merrill Goozner**, Modern Healthcare  
**Dr. Toby Bloom**, New York Genome Center  
**Peter Hodge**, Cystic Fibrosis Foundation  
**Dr. Josh Peterson**, Vanderbilt

10:40 – 10:50      Contact Break

10:50 – 11:10      **Presentation: *Personalized Medicine, Big Data "IT" in Health and Life Sciences***  
**Ketan Paranjape**, General Manager Life Sciences & Analytics for Intel Corporation

11:10 – 11:30      **Presentation: *Realizing the Dreams of Personalized Medicine***  
**Dr. Jane Yu**, Senior Advisor, Healthcare and Life Sciences for IBM

- 11:30 – 12:00      **Presentation: *Data-driven Medicine in the Age of Genomics***  
**Dr. Dave Dworaczyk**, Director, Life & Health Sciences & Strategic Development  
for Oracle
- 12:00 – 12:40      Luncheon
- 12:40 – 1:00      **Keynote Address: *Data-Driven Medicine and the Government’s Role***  
**Senator Michael Bennet** [D-CO]
- 1:00 – 2:00      **Roundtable on data sharing, interoperability and data analytics.** System wide  
efforts to digitize patient records and extract value from data suffer from a lack of  
interoperability and, in many cases, a lack of access to the raw genomic data  
collected in various research settings around the US. Some of the best records  
systems are proprietary, with limited accessibility across platforms. How should  
industry and government address the challenge of data “silos” and aim to improve the  
use and utility of data?
- Moderator:*      **Daniel Castro**, Center for Data Innovation  
**Dr. Don E. Detmer**, University of Virginia  
**Paul Magelli**, Pervasive Health  
**Ketan Paranjape**, Intel  
**Marc Perlman**, Oracle  
**Dr. Jun S. Song**, University of Illinois, Urbana-Champaign
- 2:00 – 2:10      Contact break
- 2:10 – 3:10      **Roundtable on legislative and regulatory barriers to progress.** The passage of the  
Genetic Information Nondiscrimination Act in 2008 was a seminal shift in how  
information is used in labor law. What other noteworthy regulatory and legislative  
changes have been made and what still needs to be done? What are the other political,  
legislative and regulatory hurdles to data-driven medicine? How would eliminating  
them hasten the advance of applied genomics? What are the pitfalls?
- Moderator:*      **Joel White**, Health IT Now  
**Dr. Jon White**, Office of the National Coordinator for Health IT  
**Robert Horne**, House Energy & Commerce Committee  
**Drew Kent** Congressman Charlie Dent [R-PA]  
**Wendell Primus**, Congresswoman Nancy Pelosi [D-CA]  
**Karen Summar**, Congressman Marsha Blackburn [R-TN]
- 3:10 – 3:30      Closing remarks  
**Alice Borrelli**, Intel  
**Joel White**, Health IT Now

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