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#hdpalooza

HEALTH DATAPALOOZA®

AcademyHealth

APRIL 27–28, 2017
WASHINGTON HILTON
WASHINGTON, DC

A Hybrid Conference
& Internet Event

**CONTINUING
EDUCATION CREDITS:**
ACHE, AHIMA, AMA PRA Category 1
Credits™, CHIME & NASBA pending.
See page 26 for more information.

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Harnessing the power of data to improve health and health care.

Welcome to the 8th Annual Health Datapalooza!

On behalf of AcademyHealth, the Health Datapalooza Steering Committee, Conference Chair Niall Brennan, Co-Chair Amy Compton-Phillips, and our partners and sponsors, it is my pleasure to welcome you to the 8th Annual Health Datapalooza.

Since its inception in 2010, Health Datapalooza has become the trusted gathering place for people and organizations creating knowledge from data and pioneering innovations that drive health policy and practice. Health Datapalooza is unique in its ability to offer cross sector discussions around the future of health data and how that data can be used to challenge current practices and trigger change in the industry.

This year, we are thrilled to hear from some of the top visionaries across the field and attend breakout sessions that will explore key questions and promising innovations in health data. At the Innovation Showcase sessions, conversations will evolve from theory to practice, while networking events will offer more opportunities to connect with some of the very best and brightest working in health data.

There's always something big happening at Health Datapalooza. This year is no different. Don't miss our Health Data Liberator Award presentation and other big announcements.

The best part of the conference is always the people it brings together and the contributions made by many different voices. I'm looking forward to hearing from consumers and patients, providers, payers, researchers, innovators, policymakers, and many more thought leaders in the field.

As we come together to focus on the cultural, technological, and political issues and trends related to health data, we need your voice, too! Take advantage of every opportunity to engage, brainstorm, collaborate and explore. Join the conversation on Twitter using #hdpalooza.

See you in the sessions.

Lisa



Lisa Simpson, MB, BCh, MPH, FAAP
President and Chief Executive Officer
AcademyHealth

Who Will You Meet at Health Datapalooza?

Health Datapalooza draws a diverse range of public, private, health care, technology, academic and non-profit industries. Your days will be spent growing your network, building relationships with retrospective collaborators and learning from experts with real world experience using data to improve health and health care.

Registration Hours

WEDNESDAY, APRIL 26:

1:00 p.m. – 7:00 p.m.

OUTSIDE OF COLUMBIA 6-8

THURSDAY, APRIL 27:

6:30 a.m. – 7:00 p.m.

COLUMBIA BALLROOM

FRIDAY, APRIL 28:

7:00 a.m. – 3:15 p.m.

COLUMBIA BALLROOM

About AcademyHealth

As the national organization working with the producers and users of evidence to improve health and the performance of the health system, AcademyHealth has long been a champion for data liberation and a catalyst for its use in decision-making and quality improvement. Together with our members, we offer programs and services that support the development and use of rigorous, relevant and timely evidence to increase the quality, accessibility, and value of health care, to reduce disparities, and to improve health.

www.academyhealth.org

2017 Themes and Tracks

Health Datapalooza is designed to challenge your assumptions, generate new connections, and facilitate engagement across diverse perspectives and topics. The 2017 agenda offers deep and practical insights on how health plans, providers, entrepreneurs and patients are leveraging data and information technologies to improve services, enhance patient experiences and model population health outcomes.

H2H From Health Care to Health: Value-Based Systems Transformation

Changing populations, dynamic payment models, and new interest in the reuse of clinical data for quality improvement and research are creating pressures and opportunities for health system transformation. Additional transformation may come from the disruptive national experience of implementing electronic health records (EHRs) and looking toward interoperability challenges in health data systems. Join experts in the field to learn about new organizational structures that are emerging to improve quality, safety, and outcomes while transitioning to value-based care.

CFT Consumer-Facing Technologies and Digital Health

There is growing awareness of the value of patient engagement in health care, but the pace of change is slower than many would hope. This track explores how innovative and interactive technologies such as mobile health, tele health, social media, and more, can give patients further control over their health care and provide a more meaningful care experience.

PPP The Promise and Challenge of Personalization and Precision

The Precision Medicine Initiative (PMI) is designed to accelerate collaborative approaches to disease treatment and prevention that take into account individual variations in genes, environment, and lifestyle. This unprecedented national investment is driving a rapid shift in the way research is being done, with an emphasis on more data generation and increased sharing across sectors. These sessions explore new methods and models, including the policies and protocols for data sharing while acknowledging the implications of increased sharing for EHR design and usability, organizational structures, and workforce development.

DSH Seeing Health from the Outside In: Multi-Sector Data Sharing

Improvements in population health take many approaches, including focusing on a geographic area, a patient panel, or individuals with a particular health condition. Community-led efforts to identify and address population health challenges are rapidly taking hold, and payment models for these approaches require multi-sector data sharing and integration. We invite you to learn about the new tools, services, and approaches to data integration from multiple sectors and sources, and the partnership development and community engagement opportunities that facilitate data sharing and its use.

INT What Works Internationally

International approaches to capturing, sharing and effectively using electronic health data for clinical care, quality improvement, and research reflects policy and cultural priorities, and varies significantly around the globe. This track explores the strategies and policies being adopted internationally to implement new technologies for data sharing, and to support the integration of health and social care.

PSC Privacy, Security, and Consent

The federal and state laws that enable health information sharing are being increasingly tested in the transition from paper to electronic health records. New data streams and sources for which only some or no regulations apply is a persistent source of confusion and concern. Efforts to increase data sharing within and outside of health care are surfacing tensions and important discussions about the value of data sharing. Join the foremost experts to discuss the best practices, procedures, and tools to ensure privacy and security safeguards are in place to protect both the users of data and patient's personal health information.

WiFi Information:

Complimentary WiFi is available for all attendees in the meeting rooms.

SSID: **honors-meeting**

Passcode: **HDP2017**

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Speaker Presentations and Bios are Available at:

<http://www.globalhealthcarellc.com/HDP2017>

Username: Email Address • Password: HDP2017

Taking Place at Health Datapalooza

B-school MashUp

To help recruit new health care administrative talent needed to put data to work in value-based health care, AcademyHealth is sponsoring the B-school MashUp at this year's Health Datapalooza. Using a competitive process among regional business and health management programs, senior graduate students were selected by their schools to participate in the Health Datapalooza and engage in meetups with senior executive leaders of transformative health care companies. In their interactions with executives and entrepreneurs, senior students will learn fundamental challenges facing innovation and emerging opportunities to apply data in health care delivery. Students were invited to conduct analyses of business principles in cutting-edge companies and use this opportunity to explore potential career opportunities with transformative businesses powering the health data ecosystem. To catalyze a data savvy health care management workforce of the future, AcademyHealth's B-school MashUp promotes experiential learning in data applications that will expand the capacity for future health systems research and business development. A special thank you to Georgetown University's McDonough School of Business, Johns Hopkins' Carey Business School, University of Maryland's Robert H. Smith School of Business, and Georgetown University's School of Nursing & Health Studies.

Agenda at a Glance

	8:00 am		9:00 am		10:00 am		11:00 am		12:00 pm
WEDNESDAY									
THURSDAY									
Continental Breakfast	Opening Plenary			Networking Break	Consumer Directed Medications Data Exchange with Multiple Providers	Break	Networking Luncheon		
					Navigating Cost Transparency — Don't Go It Alone!				
					The Public-Private Partnership for Practical Trust for APIs				
					Innovations in Data Sharing				
					Genomic Data Movement throughout the Health System				
					Using Data to Drive Hospital Performance				
FRIDAY									
Continental Breakfast	Thoughts on Healthcare Innovation and Value	Break	Leveraging Digital Health Tools to Benefit Underserved Communities	Networking Break	Consumer Technology Ecosystems	Networking Luncheon			
			Using Advanced Analytics and Interactive Visualization in Value Based Payment Reform		Getting Privacy and Security Right from the Start(up)				
			NCI's Genomic Data Commons and ASCO's CancerLinQ		Patient Privacy: Blockchain, Encryption, and Synthetic Data				
			PCORnet, a PCORI Initiative: Integrating the Patient's Voice in Data Network Development		Improving Electronic Information Exchange Between Public Health and Health Care				
			Digital Health: Less Regulation?		International Collaborations and Population Health				
			Data Innovations to Promote a Learning Healthcare System...		At the Intersection of AI and Human Intelligence: The Future of Health Care Delivery				
			Care Delivery Transformation		Driving Quality Improvement through Assessable Data				

Pre-Conference Events

Wednesday, April 26

8:00 a.m. – 5:00 p.m.

HealthCa.mp/dev:DataPotluck

COLUMBIA 11 & 12

HealthCa.mp/dev brings the un-conference format to data matchmaking. The Data Potluck will present a range of health data sources. If you are looking for sources of data for your next big health application idea, or you are trying to find that elusive data set to help you solve a challenge, then you want to be at HealthCa.mp/dev. You will have the opportunity to learn more about the data sets available and how to make use of them. Learn from others who have built cool mashups using health data feeds. HealthCa.mp/dev is the ideal event to kick-off Health Datapalooza. For more information, visit <http://healthca.mp/dev>.

2:00 – 5:00 p.m.

International Health Innovation Summit

COLUMBIA 6-8

This free summit is designed for attendees to learn more about how investors think strategically about international emerging markets, the qualities they are looking for in founders and startup teams, and their strategic advice for the types of technologies and business models that are going to drive innovation and disruption in health care. New to this year's program, we've added a second panel to provide first hand viewpoints of entrepreneurs, as they look to attract investment and pursue business development opportunities in the international healthcare marketplace. Space is limited. Onsite registration is available on a first-come, first-served basis.

1:00 pm	2:00 pm	3:00 pm	4:00 pm	5:00 pm
International Health Innovation Summit				
Lunch Plenary and Presentations	Networking Break	Medicaid Innovations and Delivery System Reform	Innovation in Consumer Engagement	Networking Reception
		Tearing Down the Tower of Babel in Outcome Measures	National Implementations of Patient-Facing Health Applications	
		Broadening Access to Research in the Rehabilitation and Disability Fields	Predictive Analytics in Health Care	
		Real-World Data Tour	Health Systems Reaching Out to Patients and Providers	
		Using Novel Data and Data Sources to Innovate in Public Health Surveillance	Healthcare StartUp Entrepreneur Expo	
		The Role of Cognitive and AI Technologies in the Digital Health Transformation	Digital health, Innovation, and Security	
		Engaging the Community of Consumers and Patients: An Open Dialogue		
Lunch Plenary and Presentations	Break	Data Sharing for Better Health through Housing		
		Analytics and Patient Decision Support		
		International Technology Ecosystems		
		The Big Data-Scientist Training Enhancement Program (BD-STEP): a VA-NCI Partnership		
		Creating Integrated Data Systems for Population Health		
		Payer Roundtable: Managing Risk through Design		

6:30 – 8:00 a.m.

Continental Breakfast COLUMBIA BALLROOM

8:00 – 8:10 a.m.

Welcome INTERNATIONAL BALLROOM



Niall Brennan (Chair), Former Director and Chief Data Officer, Centers for Medicare and Medicaid Services (CMS)



Amy Compton-Phillips (Co-Chair), Executive Vice President and Chief Clinical Officer, Providence St. Joseph Health

8:10 – 8:30 a.m.

Opening Remarks INTERNATIONAL BALLROOM



Introductory remarks by Lisa Simpson, President and CEO, AcademyHealth



Tom Price, MD, Secretary, U.S. Department of Health and Human Services (HHS)

8:30 – 9:00 a.m.

What's Next in Healthcare Delivery Systems? INTERNATIONAL BALLROOM

Overview and exploration of evolving care delivery, payment, strategy and tactical applications using public data as source and measurement.



Moderator: Susan Dentzer, President and CEO, The Network for Excellence in Health Innovation (NEHI)



Josh Rosenthal, Co-Founder and CSO, RowdMap



Sachin Jain, CEO, CareMore



Jaewon Ryu, EVP and CMO, Geisinger Health System



Top 10 health issues

Many of 2017's Top issues highlight how this shift toward value is occurring, and how traditional health organizations and new entrants are responding to it. There are three main tactics that organizations will use to address this shift to value – they will adapt, they will innovate and they will build new programs and approaches to their work.



Adapt for value

1. Under a new administration, the fate of the ACA remains unclear
2. Pharma's new strategic partner? Patients
3. Easing the training wheels off value-based payment
4. Insert your card here for healthcare



Innovate for value

5. Paging Dr. Drone: It's time to prepare for emerging technologies
6. The battle against infectious diseases sparks invention
7. Rx cauliflower: Nutrition moves to population health



Build for value

8. Putting the brakes – gently - on drug prices
9. A year of new partnerships and collaborations
10. Preparing medical students for work in a value-based world



For a more in-depth look at the top ten health issues, visit:
<https://www.pwc.com/us/en/health-industries/top-health-industry-issues.html>

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9:00 – 9:10 a.m.

Consumer Choice

INTERNATIONAL BALLROOM



Congressman Michael C. Burgess, M.D. (R-TX)

9:10 – 9:40 a.m.

How Social Media Will Democratize Healthcare

INTERNATIONAL BALLROOM

The power of social media to influence is undeniable, as evidenced by the ubiquitous use of hashtags and handles in everything from advertising to news. Individuals across all occupations, ages, ethnicities, incomes, education, and proclivities – can engage with brands and power figures at scale in an intimate way not possible before the advent of Facebook and Twitter. This unprecedented level of access can enable the democratization of healthcare in a myriad of ways: improving patient and caregiver education with searchable online interactions, peer-to-peer disease support communities for patients and caregivers to come together to find what works, research platforms for clinicians and citizen scientists to study health-related social media conversations, acceleration of clinical trial recruiting and results adoption through crowdsourcing. In this session, learn about these use cases and more, supporting the advancement of healthcare innovation through the responsible application of social media.



Moderator: Mandi Bishop,
Chief Evangelist and Co-Founder,
Aloha Health Inc.



Justin Smith, Pediatrician, Cook
Children's Health Care System



Amy Edgar, Founder, Children's
Integrated Center for Success



Audun Utengen,
Co-founder, Symplur, LLC



Casey Quinlan, Precision Medicine
Advocate, Cure Forward

9:40 – 10:00 a.m.

The Empowered Patient

INTERNATIONAL BALLROOM



Elizabeth Cohen, Sr. Medical Correspondent,
CNN's Health, Wellness and Medical Unit

10:00 – 10:10 a.m.

HIPAA — Providing a Trust Foundation for Health Data Exchange

INTERNATIONAL BALLROOM



Roger Severino, Director, Office for Civil Rights (OCR), U.S. Department of Health
and Human Services (HHS)

10:10 – 10:30 a.m.

Networking Break

EXHIBIT HALL/COLUMBIA BALLROOM

Concurrent Sessions:**Consumer Directed Medications Data Exchange with Multiple Providers****CFT****INTERNATIONAL BALLROOM**

Learn from national leaders involved in consumer-directed exchange of medications data between apps, provider EHRs and health plans. Members of the CARIN alliance will share stories and demos showing how medications data can be exchanged using FHIR-based APIs authorized by individual right of access requests with no BAAs required. The CARIN alliance is a multi-sector healthcare coalition convened by David Brailer, David Blumenthal, Aneesh Chopra and Michael Leavitt committed to advancing consumer-directed exchange of health information across the nation.

- Moderator: Judah Thornewill, The CARIN Alliance, Leavitt Partners, and University of Louisville
- Sean Karbowlcz, MedSavvy / Cambia Health
- Vik Kheterpal, CareEvolution, Inc.
- Virginia Lorenzi, New York Presbyterian
- Eric Schnelder, Harvard T.H. Chan School of Public Health
- Ahmad Sharif, Fresenius Kidney Care

Navigating Cost Transparency — Don't Go It Alone!**H2H****GEORGETOWN**

Even when diligent about engaging stakeholders and obtaining buy-in, when comparative health-care costs are released publicly, people pay attention. Hear from those who've applied rigorous data quality assessments to ensure healthcare cost reporting will stand up to public scrutiny and how they navigated the path forward within and across regions.

- Moderator: Elizabeth Mitchell, Network for Regional Healthcare Improvement Organization (NRHI)
- Craig Brammer, The Health Collaborative
- Mary Jo Condon, St. Louis Area Business Health Coalition
- Cecilia Ganduglia Cazaban, University of Texas School of Public Health
- Jonathan Mathieu, Center for Improving Value in Health Care

The Public-Private Partnership for Practical Trust for APIs**PSC****JEFFERSON**

Trust: the missing link when it comes to health care APIs. While consumers have the right to share their data with whomever they choose, they may need assistance in selecting applications that are trustworthy. Join our panel to discuss practical steps for developing a framework for third-party health application endorsement.

- Moderator: Lori Pettebone-Maatta, Centers for Medicare & Medicaid Services (CMS)
- Lana Moriarty, U.S. Department of Health and Human Services (HHS)
- Kim Nazi, Veterans Health Administration (VA)
- Mark Scrimshire, Centers for Medicare & Medicaid Services (CMS)
- Aaron Seib, National Association for Trusted Exchange (NATE)



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to make better-informed healthcare decisions*

PATIENT-CENTERED OUTCOMES RESEARCH INSTITUTE

Innovations in Data Sharing DSH

COLUMBIA 6-8

How does data sharing actually happen in the real world? This session features a variety of presenters from different settings working with different sources of data and different stakeholders, including consumers, health care systems researchers, data analytics firms, health systems, and public sector agencies. Presenters will describe their experiences using a variety of tools for analytics, including data warehouses, collaborative platforms, and other innovations that are helping to change the data sharing landscape.

- Moderator: Abdul Shaikh, PricewaterhouseCoopers (PwC)
- Steven Cohen, RTI International
- John Cuddeback, AMGA
- Patricia Lloyd, Centers for Disease Control and Prevention/National Center for Health Statistics (CDC-NCHS)
- Phillip Payne, Washington University in St. Louis, School of Medicine
- David Vivero, Amino

Genomic Data Movement throughout the Health System PPP

COLUMBIA 4

Innovations in genomic science, which will revolutionize clinical practice, are rapidly spurring discoveries in personalized medicine. Clinicians face enormous challenges in keeping pace with evolving best practices in data management and implementing these technologies into routine care. A major implementation barrier is data transfer, flow, and interconnectivity. Genomics data is rarely generated, analyzed, interpreted, and clinically implemented in the same system. This panel will share real world successes and challenges in the sharing and utilization of genomic data among all stakeholders.

- Moderator: Mary Grealy, Healthcare Leadership Council
- Henry Dunnenberger, NorthShore University Health System
- Emma Huang, Janssen R&D
- Keith Stewart, Mayo Clinic

Using Data to Drive Hospital Performance INT

COLUMBIA 11-12

Hospital data are increasingly used across the globe to transform care delivery for all populations, to improve experience and outcomes, and to deliver new, financially sustainable healthcare models. Technology and data offer new solutions by leveraging the rich information held in hospital and community linked EHRs, registries, and other sources for data management, analysis, and reporting processes and outcomes for care management and public reporting. This international panel of experts will explore how data is being used in their country for hospital care improvements, assessing meaningful outcome variation, organizing comparisons on indicators, and providing individual and group reporting to participating organizations. Advancement in the Medicare facility value based purchasing programs and Compare sites will also be explored.

- Moderator: Jean Moody-Williams, Center for Clinical Standards and Quality at Center for Medicare & Medicaid Services (CMS)
- Co-Moderator: Tim Kelsey, Australian Digital Health Agency
- Ran Balicer, Clalit Health Services
- Chris Bates, The Phoenix Partnership (TPP)
- Andre Dias, International Consortium for Health Outcomes Measurement
- Abraham Israeli, Ministry of Health, Israel

11:45 a.m. – 12:00 p.m.

Break & Lunch Pick Up

Visit the exhibitors and pick up your lunch in the Exhibit Hall/Columbia Ballroom before heading to the International Ballroom for the presentations.

12:00 – 2:15 p.m.

Network Luncheon and Presentations

Bring your lunch and enjoy the presentations in the International Ballroom.

12:15 – 12:20 p.m.

The Healthy Behavior Data Challenge

INTERNATIONAL BALLROOM

- Dr. Siddika Mithani, President, Public Health Agency of Canada
- Donald Wright, Acting Assistant Secretary for Health, U.S. Department of Health and Human Services (HHS)

12:20 – 12:50 p.m.

Patients as Co-Pilots: Elevating Their Voices in Health Care

INTERNATIONAL BALLROOM

It certainly sounds good to say that the health care system is working to become more patient-centered. Yet patients' opinions are often not sought, undervalued or overridden. Discussions about what patients want routinely happen without patient participation. Some patients have figured out a way to ensure their voices are heard. We'll hear how they did it and what lessons they offer to the broader health care system.



Moderator: Charles Ornstein,
Sr. Reporter, ProPublica



Dana Lewis, Algorithm Developer/
Consultant, Lewis & Leibrand, LLC



Hugo Campos, ePatient Advisor,
Stanford Medicine X



Brian Loew, CEO, Inspire

12:50 – 1:05 p.m.

Health Data Liberator Award

INTERNATIONAL BALLROOM



Introductory remarks by
Todd Park, Former White House
Technology Advisor



Presented by Fred Trotter,
CTO, CareSet Systems

1:05 – 1:20 p.m.

Innovation Showcase

INTERNATIONAL BALLROOM

- Emceed by Matt Butner, Stride Health
- 1:05-1:10 - Adam Moody, RowdMap
- 1:10-1:15 - Abdul Shaikh, PricewaterhouseCoopers (PwC)
- 1:15-1:20 - William A. Moore, HealthCost.com

1:20 – 1:40 p.m.

Consumer Marketplace

INTERNATIONAL BALLROOM

The universe of health information for consumers continues to explode – with tools to help us compare prices and quality metrics, research symptoms and diagnoses, share our experiences with other patients and carry our medical records around on smart phones. Yet consumer use of such services remains surprisingly low. What's behind this disconnect? What information do consumers want and need? And what opportunities does this present for innovators?



Moderator: Melinda Beck,
Columnist, *The Wall Street Journal*



Amy Tenderich, Diabetes &
Patient Advocacy, DiabetesMine



Marcia Tal, CEO,
Tal Solutions, LLC



Owen Tripp, Co-Founder and CEO,
Grand Rounds, Inc.

1:40 – 1:55 p.m.

Building a Sustainable Healthcare System

INTERNATIONAL BALLROOM



Philip Bredesen, Former Governor, Tennessee; Founder and Former CEO, HealthAmerica

1:55 – 2:10 p.m.

Saudi Healthcare Transformation

INTERNATIONAL BALLROOM



Dr. Tawfiq Alrabiah, Minister of Health, Saudi Arabia

2:10 – 2:15 p.m.

NEJM SPRINT Challenge Winner Demo: Personalizing Clinical Trial Data

INTERNATIONAL BALLROOM

- Presented by Ran Balicer, Director, Clalit Research Institute

2:15 – 2:45 p.m.

Networking Break

EXHIBIT HALL/COLUMBIA BALLROOM



USING BIG DATA TO IMPROVE PATIENT CARE

Learn more from the National Cancer Institute

Friday, April 28, 8:45 AM–10:00 AM

NCI'S GENOMIC DATA COMMONS & ASCO'S CANCERLINO



Dr. Anthony
Kerlavage



Dr. Tanja
Davidsen

Friday, April 28, 2:00 PM–3:15 PM

THE BIG DATA-SCIENTIST TRAINING ENHANCEMENT PROGRAM:
A VA-NCI PARTNERSHIP



Dr. Elizabeth
Hsu



Dr. Michelle
Berny-Lang



OCHIN

Join us in **Booth #104** to learn more about our comprehensive HIT solutions and experience live product demos.

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NATIONAL CANCER INSTITUTE

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Concurrent Sessions:**Medicaid Innovations and Delivery System Reform** H2H**JEFFERSON**

State Medicaid agencies and the federal Centers for Medicare and Medicaid Services (CMS) are increasingly focused on innovative delivery and payment system transformation as well as broader population health reforms. It is critical for the many stakeholders involved in those reform efforts to have the right information at the right time. This session will begin with providing insights into standardized data tools and statistical tool kits CMS's Innovation Accelerator Program is developing. The resulting toolkits allow CMS, states, and Medicaid/CHIP researchers to implement easy-to-use, out-of-the-box solutions for examining some of the most important questions relating to the Medicaid program. Additionally, session participants will hear about on-the-ground efforts in Arkansas and Colorado. Arkansas' multi-payer collaborative approach is designed to improve the health and overall patient experience of care through shared metrics, activities, and payment incentives. Taking these reform efforts to scale requires substantial data and an infrastructure to process, manage, and share those data.

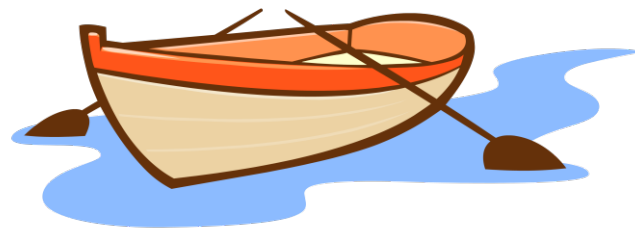
- Moderator: Enrique Martinez-Vidal, AcademyHealth
- William Golden, Arkansas Department of Human Services, Division of Medical Services
- Marlo Harris, General Dynamics Health Solutions
- Kristin Paulson, Center for Improving Value in Health Care
- Kimberly Proctor, Centers for Medicare & Medicaid Services (CMS)

Tearing Down the Tower of Babel in Outcome Measures H2H**COLUMBIA 4**

This panel will describe the need for harmonization of outcome measures to support value-based care and improvements in quality, efficiency, and patient outcomes. Panelists will review examples of the lack of comparability resulting from different data definitions and highlight the challenges that patient registries and quality improvement efforts encounter due to the lack of



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harmonized data definitions and outcome measures. Panelists will then introduce the Outcome Measures Framework (OMF), a conceptual model for classifying outcomes that are relevant to patients and providers across most conditions. Using atrial fibrillation registries as an example, panelists will demonstrate how the OMF can support harmonization efforts. The panel will conclude with a discussion of the harmonization process and early results. The audience will be asked to provide feedback on the approach to harmonization, what level of harmonization is valuable, and how they would envision using the OMF and harmonized measure libraries.

- Moderator: Elise Berliner, Agency for Healthcare Research and Quality
- Patricia Franklin, University of Massachusetts Medical School
- Richard Gliklich, OM1
- Paul Wallace, AcademyHealth

Broadening Access to Research Data in the Rehabilitation and Disability Fields DSH **GEORGETOWN**

This interdisciplinary panel will cover all aspects of the data archiving and sharing process including the rationale for the federal mandate to share research data, resources for archiving data, and testimonials from a PI who recently archived data and an end-user who performed a secondary analysis with those archived data.

- Moderator: James Graham, University of Texas Medical Branch
- Jonathan Bean, Veterans Affairs Boston Healthcare System
- Alison Cernich, National Institutes of Health (NIH)
- Addie Middleton, University of Texas Medical Branch
- Amy Pienta, University of Michigan

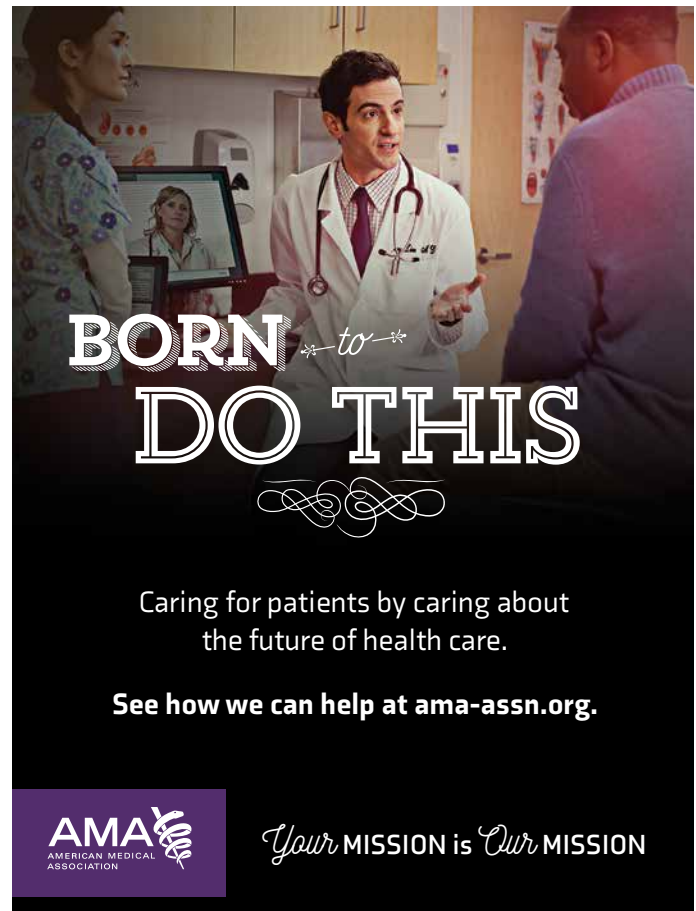


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Real-World Data Tour

COLUMBIA 6-8

Presenters will describe a variety of real-world approaches to health data aggregation and use by health systems, analytics firms, and consumer organizations. The presentations will include: guidance on data protection and curation for mobile devices; the use of multi-sector public data to understand individual healthcare markets; facilitation of patient-driven aggregation of personal health data; the use of data visualization and live data manipulation to develop a program to reduce unnecessary utilization of Emergency Departments; and the use of a software platform to aggregate and scale data on best practices in the Veterans Health Administration.

- Moderator: Amy Compton-Phillips, Providence St. Joseph Health
- Michelle De Mooy, Center for Democracy and Technology
- Stacy Elmer, Kaiser Permanente
- Shereef Elnahal, Veterans Health Administration (VA)
- Joshua Mann, SHARE For Cures
- David Muhlestein, Leavitt Partners

Using Novel Data and Data Sources to Innovate in Public Health Surveillance PSC

COLUMBIA 11-12

New methodologies, technology and data sources provide public health organizations with an opportunity to strengthen current methods used to understand the populations they study. Identifying and testing the optimal and most relevant data for integration into practice is increasingly difficult. Panelists will discuss innovative approaches in public health surveillance of physical activity, sedentary behavior, and sleep and nutrition through the use of an open challenge. Direct engagement with a diverse network of innovators will expose a wide array of possible methods to address data gaps and needs in population health surveillance, while expanding research opportunities, and advancing new knowledge. The panelists will discuss the process of creating a challenge, their expectations during its run as well as the outcomes they expect once complete.

- Moderator: Tim Kelsey, Australian Government, Australian Digital Health Agency
- Liz Drake, Canadian Institutes of Health Research (CIHR)
- Kurt Greenlund, U.S. Centers for Disease Control and Prevention (CDC)
- Gayatri Jayaraman, Public Health Agency of Canada's Centre for Immunization and Respiratory Infections (CIRID)
- Shahab Shahnazari, MaRS Discovery District (MaRS)
- Machell Town, U.S. Centers for Disease Control and Prevention (CDC)

The Role of Cognitive and AI Technologies in the Digital Health Transformation H2H

INTERNATIONAL BALLROOM

Speakers will reflect on the progress of cognitive computing technologies and the evolving role in population health and healthcare. Participants will be able to understand and reflect on the progress and role in the digital health transformation, describe the role of cognitive systems in augmenting intelligence, and supporting clinical decision-making. This session will also cover emerging technologies in advanced analytics such as patient similarity and predictive analytics and models that allows medical evidence to be generated efficiently.

- Moderator: Irene Dankwa-Mullan, University of Virginia and IBM Watson Health
- Amar Das, IBM Watson Health
- Jose Morey, NASA iTech and IBM Watson Health
- Jane Snowdon, IBM Watson Health

Engaging the Community of Consumers and Patients: An Open Dialogue CFT

LINCOLN

In this session, Datapalooza participants will engage with experts to reflect on consumer and patient perspectives on data and information to support health and health care decision-making. Participants will engage in a town hall format that will position new ideas and commentary through engaged perspectives presented from a variety of viewpoints. The output from this discussion will be a sharing of information on new approaches to consumer engagement, health care data transparency, patient-centric health care, uses of personal data for research, and other topics pertaining to use and sharing of data. Participants will be encouraged to contribute to a

vibrant dialogue to help shape viewpoints, and address gaps in understanding of complex barriers in health and healthcare.

- Moderator: Melinda Beck, *The Wall Street Journal*
- Elizabeth Cohen, CNN's Health, Wellness and Medical Unit
- Ian Kalin, eHealth Inc.
- Marcia Tal, Tal Solutions, LLC
- Amy Tenderich, DiabetesMine
- Owen Tripp, Ground Rounds

4:00 – 4:15 p.m.

Break

4:15 – 5:30 p.m.

Concurrent Sessions:

Innovations in Consumer Engagement CFT

COLUMBIA 4

Healthcare is rapidly becoming “consumer driven.” To be successful, consumer engagement is essential. Just what is consumer engagement and how do we measure it? Is it only about behavior or is it something more. This session will be full of data and ideas to challenge your beliefs about consumer engagement, as four national experts discuss engagement from a variety of perspectives, including: how to engage consumers; innovations in consumer engagement; using data to deliver a personalized consumer experience; patient powered research, policy and empowerment; and the latest ONC findings on EHRs and patient engagement. Come and challenge your beliefs about patient engagement with this interactive session. Prepare to be engaged.

- Moderator: Hank Fanberg, CHRISTUS Health
- Mary Ray, MyHealthTeams
- Mellanie True Hills, StopAfib.org
- Geeta Wilson, Humana
- Kathleen Zook, Office of the National Coordinator for Health IT (ONC)

National Implementations of Patient-Facing mHealth Applications INT

COLUMBIA 11-12

National governments around the world have adopted policies and programs modelled on the US Blue Button initiative to give citizens mobile access to their EHRs. Representatives from Australia, France, the UK and Luxembourg will discuss their experience and the why, how and for whom they are launching their initiatives.

- Moderator: Lisa Simpson, AcademyHealth
- Hervé Barge, Agence Nationale eSanté Luxembourg
- Bettina Experton, Humetrix, Inc.
- Tim Kelsey, Australian Government, Australian Digital Health Agency
- Claudine Richon, L'association le LIEN, France
- Emma Rourke, Office for National Statistics (ONS)

Predictive Analytics in Health Care PPP

COLUMBIA 6-8

Algorithms theoretically predict patient events before they occur. But good prediction does not always translate to improved patient care. How are systems integrating predictive analytics to affect physicians' practice and patients' lives? This session will highlight examples and results of predictive analytic interventions used to predict clinical events and improve routine care. Hear perspectives and lessons learned from health systems, entrepreneurs, researchers, and others.

- Moderator: Ravi Parikh, Brigham and Women's Hospital
- Yin Aphinyanaphongs, NYU Langone
- Matt Hoffman, Utah Health Information Network
- Craig Monsen, Atrius Health
- Emily Schwartz, TabulaRasa HealthCare
- Lisa Davis, Analytics Partners

Health Systems Reaching Out to Patients and Providers DSH

JEFFERSON

This session will look at how the patient and physician voice can be brought together to make both heard and the outcome more powerful and productive than it would have been with only a single voice being heard.

- Moderator: Megan O'Boyle, Phelan-McDermid Syndrome Foundation
- Reactor: Cherie Binns, Multiple Sclerosis Certified Nurse
- Neil Evans, Department of Veterans Affairs (VA)
- Ian Morris, The State of Mississippi, Division of Medicaid (DOM)
- Jessica Sweeney-Platt, athenahealth

Healthcare StartUp Entrepreneur Expo

INTERNATIONAL BALLROOM

This session features early phase tech and service companies focused on new service offerings to enhance value. Hear serial entrepreneurs present their latest business concepts and inside views of the rapidly changing business climate for applying data to overcome barriers for effective and efficient health care.

- Moderator: Bryan Sivak, RS Partners
- Lois Hall, Health Cost Matters
- Jonathan Hare, WebShield
- Justin W. Lanning, 180 Health Partners
- William A. Moore, HealthCost.com
- Damon Ramsey, InputHealth
- Thomas Tsang, Valerahealth

Digital Health, Innovation, and Security PSC

GEORGETOWN

In order for consumers and providers to feel confident in allowing apps and APIs to automatically move data around in a digital health ecosystem, certain legitimate security concerns may need to be addressed. Consumers want to feel confident that data collected by an app is held according to baseline security standards. Providers in the U.S. are obliged to ensure that apps do not enable false digital identities to access protected health information. Those who are responsible for the data behind the API will want to make sure that apps are not polluting the system with malware, etc. This panel will identify key security issues in an app-enabled digital health information system that policymakers are grappling with in many countries; look at industry-self regulation from other sectors, as experience the healthcare economy can build upon; and identify areas that developers, innovators and others can work on to develop security practices that consumers, physicians and policymakers can rely on.

- Moderator: Stanley Crosley, Drinker Biddle & Reath LLP
- Katie Farrington, UK Department of Health (DH)
- Dr. Jesse Ehrenfeld, American Medical Association (AMA)
- Aaron Miri, Imprivata
- Debi Willis, PatientLink Enterprises, Inc.

Networking Reception

EXHIBIT HALL/COLUMBIA BALLROOM

Join the newly named National Coordinator for Health Information Technology, Dr. Donald Rucker and the Health and Human Services Department Deputy Assistant Secretary for Health Technology, John Fleming, for a meet and greet and networking reception in the Exhibit Hall. While you're there, don't forget to stop by the photo wall and snap a #hdpalooza selfie!

5:30 – 7:00 p.m.

Friday, April 28

6:30 – 7:30 a.m.

Stride Health Fun Run

MONROE

Join Stride Health for the annual Datapalooza Fun Run! The scenic courses are 3 miles and 5 miles (you choose). No cost to register.

7:00 – 8:00 a.m.

Continental Breakfast

EXHIBIT HALL/COLUMBIA BALLROOM

8:00 – 8:30 a.m.

Thoughts on Healthcare Innovation and Value

INTERNATIONAL BALLROOM



Mark McClellan, MD, Director, Duke Margolis Center for Health Policy; Former Administrator, Centers for Medicare and Medicaid Services (CMS)

8:30 – 8:45 a.m.

Break

8:45 – 10:00 a.m.

Concurrent Sessions:

Leveraging Digital Health Tools to Benefit Underserved Communities CFT

COLUMBIA 4

Members of minority groups, the poor, and the less educated are statistically sicker than average Americans. Despite the need—both moral and economic—to improve the health of these individuals, they have relatively limited access to good quality healthcare services. While many assume that digital health tools and services will widen the gap by primarily benefitting richer, healthier populations, it doesn't have to be that way. This panel will cover what we know about how to use digital health to engage members of underserved communities successfully, drawing on the real-world experience of the Institute for eHealth Equity, which partners with churches and other trusted community organizations using text messaging and other tools; and Keep Livin, a startup using a digital platform to address healthcare disparities in Colorado and Miami. We'll also learn about how Medicaid is funding digital health solutions in partnership with states.

- Moderator: Lygeia Ricciardi, Clear Voice Consulting, LLC
- Silas Buchanan, Institute for eHealth Equity
- Chris Christmas, Keep Livin
- Thomas Novak, Office of the National Coordinator for Health IT (ONC)

Using Advanced Analytics and Interactive Visualization in Value Based Payment Reform H2H

COLUMBIA 6-8

In this session participants will learn how big data sets – several trillion claims lines, tens of millions of unique plan members, tens of thousands of providers – can be organized and processed to produce detailed reports to payers and providers supporting payment reform. The session will move from policy goals and the data and technical challenges to the emphasis on providing analytics that are key for plans and providers to move the needle on 'value delivered'. They will hear about the challenges and opportunities of such an effort and gain insights on how to overcome those challenges.

- Moderator: Greg Allen, New York State Department of Health
- John Amisano, Salient
- Marc Berg, Klynveld Peat Marwick Goerdeler
- Jeff Wendth, CMA Consulting

NCI's Genomic Data Commons and ASCO's CancerLinQ PPP

LINCOLN

The National Cancer Institute's Genomic Data Commons (GDC) and Cancer Genomics Cloud (CGC) Pilots together promote sharing and enable computationally-intensive analysis of genomic and clinical data from large-scale NCI programs such as The Cancer Genome Atlas (TCGA) and its pediatric equivalent, Therapeutically Applicable Research to Generate Effective Treatments

(TARGET). The GDC and CGC Pilots form the basis for an NCI Cancer Research Data Commons, which will integrate cancer imaging, proteomics, clinical, and other data in a secure system featuring well defined APIs, user workspaces, visualization and analysis tools. The GDC API that is available to the research community is the same API that is used internally to build the GDC Portal and enables researchers to build rich applications using GDC data. The Cancer Research Data Commons would become an important resource for generating potentially actionable and life-changing information that ultimately could be used by clinicians and their patients.

- Moderator: Anthony Kerlavage, National Cancer Institute (NCI)
- Pamela Buffone, Privacy Analytics
- Tanja Davidsen, National Cancer Institute (NCI)
- Robert Grossman, University of Chicago
- Andrej Kolacevski, American Society of Clinical Oncology

PCORnet, a PCORI Initiative: Integrating the Patient's Voice in Data Network Development CFT

JEFFERSON

Over the last year, there have been major advances in the infrastructure development of PCORnet, The National Patient-Centered Clinical Research Network. Patients are key to the development and success of PCORnet at the level of the individual Clinical Data Research Networks (CDRNs) and Patient-Powered Research Networks (PPRNs) and at the wider Network level, including through Network governance and cross-network collaborative groups.

Through patient engagement in Network development, PCORnet has lessons learned that can be shared with the broad research community on the integration of patients within research infrastructure development. This session will present lessons learned from three cases within PCORnet: the role of patients in IRB review and developing research questions at an individual CDRN, the work of the Health Disparities Collaborative Research Group to advance the data infrastructure to facilitate research on safety net and vulnerable populations, and patient engagement on the Network-wide PCORnet Data Committee.

- Moderator: Lesley Curtis, PCORnet Coordinating Center
- Lewis Raynor, PCORnet Health Disparities Collaborative Research Group
- Heather Siefers, PCORnet Data Committee
- Jim Uhrig, PaTH Clinical Data Research Network (PCORnet CDRN)

Digital Health: Less Regulation? CFT

COLUMBIA 11-12

One of the key considerations entrepreneurs face is the regulatory framework for digital health. The panelists include entrepreneurs and trailblazers in digital health who are committed to its success. We're planning a highly interactive session: the panelists will share their experiences and opinions, but we'll also be looking for your insights! Topics we hope to explore: Can regulations impede or accelerate the adoption of digital health solutions? What needs to be done differently than the status quo? Is digital health synonymous with the consumerization of healthcare, and what effect should that have on regulation? Who will pay for digital health, and what can the Government do to signal support for "Software-as-a-Medical Device?"

- Moderator: Frank Baitman, Cisco Systems
- Anand Iyer, WellDoc
- Eddie Martucci, Akili Interactive
- Ann Waldo, Waldo Law Offices, PLLC

Data Innovations to Promote a Learning Healthcare System: Lessons from the Veterans Affairs Health System H2H

GEORGETOWN

This session will review programs the Department of Veterans affairs has established to improve the use of the breadth of VA clinical and administrative data in support of a learning healthcare system. Speakers will use specific examples to review the organization and activity of centers that support use of VA national corporate data, including development of common data models; standardizing cost information across VA to evaluate costs and savings from clinical initiatives; and educational support to improve use of data for research and quality improvement. Finally, the

use of genomic data from the VA's Million Veteran Program will be reviewed, including a new partnership with the Department of Energy to capitalize on their advanced computing infrastructure.

- Moderator: David Atkins, Department of Veterans Affairs (VA)
- Kelly Cho, VA Million Veterans Program (MVP)
- Scott DuVall, VA Informatics and Computing Infrastructure (VINCI)
- Vilija Joyce, VA Health Economics Resource Center (HERC)
- Maria Souden, VA Information Resources Center (VIReC)

Care Delivery Transformation H2H

INTERNATIONAL BALLROOM

The objective of this panel is to explore the opportunities and challenges of scaling innovations in care delivery. What's creating value and what isn't? The audience will hear from executives of four growth companies that are using data and technology to improve outcomes and engage consumers to lower cost and improve quality. C-level executives will share perspectives on a variety of drivers of care transformation including key performance indicators, value creation through new services, use of data for patient stratification, strategic partnerships, and evidence to support scaling innovative care models. Each business leader will address critical issues involving IT and data relevant to their business model. Finally, the audience will hear the executives' recommendations and forecasts of the path ahead.

- Moderator: Kristine Martin Anderson, Booz Allen Hamilton
- Nima Ahmadi, Novu
- Jessica Chen, ChenMed
- Chris Dawe, Evolent Health
- Kris Gale, Clover Health
- Paul Roscoe, Docent Health

10:00 – 10:30 a.m.

Networking Break (Last Chance to View Exhibits)

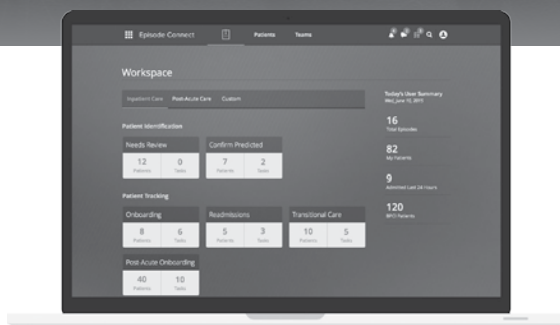
EXHIBIT HALL/COLUMBIA BALLROOM

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Concurrent Sessions:**Consumer Technology Ecosystems** CFT**COLUMBIA 4**

New developments in consumer technology are changing expectations about consumer engagement with the healthcare system, consumer access to data, and the importance of consumer views about their care experience. This panel will focus on the role of mobile strategies and other consumer-facing technologies to increase consumer satisfaction and engagement and integrate care through interoperability. Presenters will discuss ways to measure consumer perceptions about digital integration, promote consumer understanding of ways to accelerate the portability of their health data, and help providers identify ways to integrate API's and mobile technology to improve connectivity with consumers and patients.

- Moderator: Margo Edmunds, AcademyHealth
- Gillian Christie, Vitality
- Chris Fierer, Medfusion
- Erin Mackay, National Partnership for Women & Families
- Valerie Monet, J.D. Power

Getting Privacy and Security Right from the Start(up) PSC**INTERNATIONAL BALLROOM**

No matter what type of health data your business uses, one of the most commonly asked questions entrepreneurs and innovators face is: "Do I have to comply with HIPAA?" If not, "what laws must I comply with?" The purpose of this panel is to help entrepreneurs and start-ups understand the Privacy and Security Rules under HIPAA including breach notification. Attendees will also gain insight into other laws that they may have to comply with, even if HIPAA does not apply, including the Federal Trade Commission Act and the Fair Credit Reporting Act (FCRA).

- Moderator: Tina Grande, Confidentiality Coalition
- Kimberly Gray, QuintilesIMS
- Cora Han, Federal Trade Commission
- Reece Hirsch, Morgan, Lewis & Bockius LLP
- Deven McGraw, Office for Civil Rights

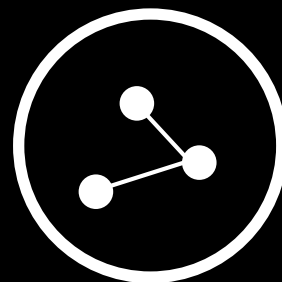
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Patient Privacy: Blockchain, Encryption, and Synthetic Data PSC

JEFFERSON

This session explores current policy and emerging technologies in the larger arena of health care data privacy and security. We will provide an introduction to current encryption policy and practices, highlighting assessments and cryptography concepts, and provide an encryption strategy to fit within your cyber security framework. The session will introduce emerging technologies, blockchains and synthetic data through the lens of two case studies. These examples will highlight the hurdles and potential of these technologies in both patient privacy and data security. We will end with a moderated discussion on these exciting technologies.

- Moderator: Adam Moody, RowdMap
- Deborah Peel, Patient Privacy Rights
- Uday Ali Pabrai, ecfirst
- Jason Walonoski, The MITRE Corporation

Improving Electronic Information Exchange Between Public Health and Health Care DSH

LINCOLN

Current electronic case reporting (eCR) efforts showcase a novel partnership across a variety of stakeholders. This panel will present the current status of national electronic case reporting endeavors and present the national eCR path forward for all stakeholders – public health agencies, health IT developers, and health care providers. The process of reporting to the AIMS platform and the decision support for reporting of RCKMS (Reportable Conditions Knowledge Management System) will be demonstrated. Finally, there will be a presentation of the governance rules developed through the Digital Bridge partnership, and a status update on the implementation activities using those governance rules.

- Moderator: Laura Conn, Centers for Disease Control and Prevention (CDC)
- M. Christopher Gibbons, FCC
- Dawn Heisey-Grove, The MITRE Corporation
- Vivian Singletary, Public Health Informatics Institute (PHII)

International Collaborations and Population Health INT

COLUMBIA 6-8

Panelists will discuss emerging and evolving collaborative efforts to effect positive change in the field of population health. Panel members will discuss how diverse topics, including data sharing and social determinants of health, interoperability and precision medicine are being applied across a comprehensive population health effort. Through discussion of analytical design principles to the implementation and impact of critical policy levers, panel members will share their experiences in engaging populations, identifying threats and advancing population health outcomes.

- Moderator: Tim Kelsey, Australian Digital Health Agency
- Margeaux Akazawa, U.S. Department of Health and Human Services (HHS)
- Emma Doyle, National Health Service (NHS) England
- David Hughes, National Health Service (NHS) Digital
- Stephen Konya, U.S. Department of Health and Human Services (HHS)
- Keith McNeil, National Health Service (NHS) England
- Indi Singh, National Health Service (NHS) England

At the Intersection of AI and Human Intelligence: The Future of Health Care Delivery H2H

COLUMBIA 11-12

Artificial intelligence has the potential to transform the nature of work in every part of the economy. The complexity, importance and operational depth of health care mean that AI may automate or assist many tasks in health care delivery. That is the hype, anyway. This panel will be an engaging discussion of the current state of AI in healthcare and its impact over the next 5 to

10 years. Included will be a discussion of examples of deployed and future applications of AI in healthcare. Note there is a non-zero chance that the panelists will be interacting with each other with their personal AI-powered chatbots.

- Moderator: Scott Nicholson, Poynt
- Eric Just, Health Catalyst
- Chris Khoury, American Medical Association (AMA)
- Chris Mansi, Viz
- Eric Williams, Omada Health

Driving Quality Improvement through Accessible Data H2H

GEORGETOWN

This panel will explore the myriad sources of CMS data used by researchers to generate and publicly report quality measures and quality ratings, and new innovations in making these data accessible.

- Moderator: Terry Moore, Abt Associates
- Betty Fout, Abt Associates
- Dana Mukamel, University of California, Irvine
- Charles Ornstein, ProPublica
- Alan White, Abt Associates

11:45 a.m. – 1:45 p.m.

Networking Luncheon and Presentations

Pick up your lunch in the Concourse Foyer and view the presentations in the International Ballroom.

12:00 – 12:15 p.m.

Health System Transformation and Data

INTERNATIONAL BALLROOM



Patrick Conway, MD, MSc, Deputy Administrator for Innovation and Quality and Director, Center for Medicare and Medicaid Innovation, Centers for Medicare and Medicaid Services (CMS)

12:15 – 12:40 p.m.

Innovation Showcase

INTERNATIONAL BALLROOM

- Emceed by Colin Hill, GNS Healthcare
- 12:15-12:20 - David Vinson, Xcertia
- 12:20-12:25 - Adam Culbertson & Steven Posnack, Patient Match Algorithm Challenge
- 12:25-12:30 - Umer Mujeeb, Softheon
- 12:30-12:35 - Kim Klupenger & Laurie Coleman, OCHIN
- 12:35-12:40 - Jason Gerson, Patient-Centered Outcomes Research Institute (PCORI)

12:40 – 12:45 p.m.

Health Data For Action

INTERNATIONAL BALLROOM

- Katherine Hempstead, The Robert Wood Johnson Foundation

12:45 – 1:05 p.m.

Transitions and Transformation

INTERNATIONAL BALLROOM



Michael Leavitt, Founder and Chair, Leavitt Partners; Former Governor, Utah; Former Secretary, U.S. Department of Health and Human Services (HHS)



Rich McKeown, President and CEO, Leavitt Partners; Former Chief of Staff, U.S. Department of Health and Human Services (HHS)

1:05 – 1:15 p.m.

VA Modernization INTERNATIONAL BALLROOM



The Honorable David J. Shulkin, United States Department of Veterans Affairs (VA), Secretary

1:15 – 1:45 p.m.

How Data Drives Business Transformations INTERNATIONAL BALLROOM

The health care marketplace is being redefined by a new system of values at a rapid pace and massive scale. Today's business leaders are looking for opportunity to strategically integrate data into their operations to maximize the impact to improve consumer access to care, and provide more effective interventions and yield better outcomes. Revolutionary technology advances and pioneering innovations in care delivery processes represent some of the leading forces to reshape the health care experience. To help set your compass to the health care system of tomorrow, come hear these business leaders who are sharing their perspectives on where they see the best prospects for success, particularly in an environment of uncertainty.



Moderator: Bob Kocher,
Partner, Venrock



Tim Kelsey, Australian
Digital Health Agency



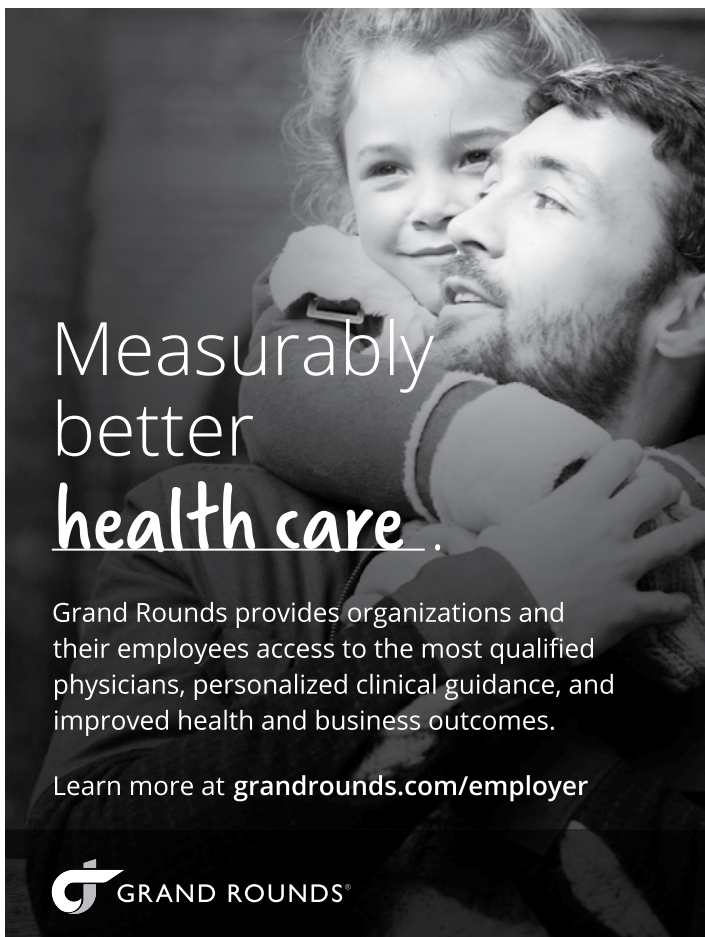
Len D'Avolio, CEO and
Co-founder, Cyft



Donald Trigg, President,
Cerner Health Ventures

1:45 – 2:00 p.m.


Break



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Concurrent Sessions:**Data Sharing for Better Health Through Housing** DSH

COLUMBIA 4

Access to safe, affordable housing is a critical driver of health. Integration of healthcare, housing, and related data increases capacity to understand root causes and deliver effective services to vulnerable populations. Hear from diverse community collaborations leading data sharing efforts to reduce disease burden and costs associated with poor housing/homelessness.

- Moderator: Peter Eckart, All In: Data for Community Health
- Shaun Alfreds, University of Massachusetts Medical School
- Martin Love, North Coast Health Improvement and Information Network
- Mandy Metcalf, Affordable Green Housing Center Environmental Health Watch
- Alison Rein, AcademyHealth

Analytics & Patient Decision Support H2H

COLUMBIA 6-8

A 360 view of patient data is critical for effective care coordination, decision support, and patient engagement. This requires integration of both traditional medical data (EHR, claims, Rx, Labs, etc.) as well as newer data sources such as socioeconomic, remote device, behavioral, and patient provided data. The extraction of actionable insights increasingly relies on advances in data integration, predictive analytics, data visualization, “hotspotting”, etc. These techniques are proving helpful in providing more effective decision support to a variety of healthcare participants with a goal of improving community/population health, lowering the overall burden of disease and reducing the need for costly, unnecessary clinical interventions. This session will provide a number of use cases from health systems and their technology partners, as well as a framework for incorporating patient-centered outcomes research-based decision support into clinical practice.

- Moderator: David Nace, MarkLogic
- Dana Barnes, Kaiser Permanente
- Andrew Bartley, Intel Corporation
- Melissa Callahan, RTI International
- Cecily Froemke, Providence St. Joseph Health
- Terri Steinberg, Christiana Care Health System

International Technology Ecosystems INT

JEFFERSON

An international ecological perspective is developing for the burden of disease that cannot be addressed solely by silo approaches. Therefore, an international ecosystem approach to human health (aka “ecohealth”) will be the base with which to explore and devise sustainable healthcare models.

As globalization of trade and markets takes hold, new coalitions and alliances are forming to affect the direct and indirect health consequences. This internationally recognized panel of experts will delve into the various aspects affecting international health best practices, providing guidance and wisdom of what is needed to truly influence and sustain healthcare internationally. This panel will examine how cooperation is necessary with the various stakeholders in international health; while also voicing concerns about rising potential inequalities in health, both within and between countries. Questions of how such changes will affect the actions of all stakeholders who work in and support the healthcare industry in international health will also be discussed.

- Moderator: Sumit Nagpal, LumiraDx Inc.
- Co-Moderator: Tim Kelsey, Australian Digital Health Agency
- Ana Gabriela Felix Garcia, Pan American Health Organization, World Health Organization
- Charles Jaffe, HL7

The Big Data-Scientist Training Enhancement Program (BD-STEP): a VA-NCI Partnership PPP

GEORGETOWN

Recognizing the rapid increase of data generated in clinical settings and its potential to impact patient care, the Big Data Scientist Training Enhancement Program (BD-STEP) was launched in

2015 at the U.S. Department of Veterans Affairs (VA), Veterans Health Administration, in partnership with the National Cancer Institute's Center for Strategic Scientific Initiatives. BD-STEP is leveraging the robust VA data systems to support clinically relevant training and research opportunities for junior level physical scientists and engineers, under the mentorship of VA clinician scientists. The overall goal of the program is to train a cadre of scientists that have the skill sets to manipulate and analyze large-scale, multi-element patient data sets and can work collaboratively with clinicians to facilitate the execution of large-scale system changes in clinical care to expeditiously improve patient outcomes. Both the Precision Medicine Initiative and the Cancer Moonshot highlight the importance of training programs such as BD-STEP.

- Moderator: Elizabeth Hsu, National Cancer Institute (NCI)
- Michelle Berny-Lang, National Cancer Institute (NCI)
- Jonathan Bona, University of Arkansas for Medical Sciences
- Jeremy Mason, University of Southern California
- Joanna Sylman, Oregon Health and Science University

Creating Integrated Data Systems for Population Health DSH **COLUMBIA 11-12**

Improving population health requires access to data from a variety of sources, many residing outside the health care system. As a result, there is growing interest at the state and community levels to develop integrated data systems (IDS) that can identify individuals and populations across disparate systems, and reliably link and present information about them. Significant governance and legal issues need to be addressed to create an IDS, including how to establish, manage and maintain data use agreements with a wide variety of end users. There are also technical challenges, including lack of data standardization and interoperability across different types of systems. Despite the challenges, IDSs are shining new light on complex population needs (e.g., opioid abuse, child welfare). This panel will provide highlights and insights from five different organizations involved in creating and using IDSs and feature specific examples of “use cases” that have been addressed through these systems.

- Moderator: Rachel Block, Milbank Memorial Fund
- Amy Hawn Nelson, UNC Charlotte
- Erin Hulsey, Allegheny County Department of Human Services
- Jeff Price, Virginia Department of Social Services
- Elizabeth Richey, Iowa Department of Public Health
- Heather Rouse, Iowa State University

Payer Roundtable: Managing Risk Through Network Design H2H **INTERNATIONAL BALLROOM**

As economic pressures and regulatory changes continue to change the way health plans predict and manage revenue associated with individual and group members, insurers are increasingly relying upon new provider relationships to manage risk in medical costs. Join this session to learn how payer executives are incorporating perspectives from new data to design networks that create product opportunities, and why payment and delivery reform are essential for sustainable, competitive benefits.

- Moderator: Marshall Votta, RowdMap
- Patty Brown, Johns Hopkins Healthcare
- Richard Clarke, Highmark
- Win Whitcomb, Remedy Partners

Health Data Liberator Award

Help us celebrate this year's recipient of the Health Data Liberator Award. This prestigious accolade is given to an individual or team that has demonstrated leadership and achievements in promoting the liberation of health data, helping to accelerate the pace and volume of data available to innovators, in turn foster the creation of products and services that will improve health and health care.



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Physicians: Approved for up to 14.25 AMA PRA Category 1 Credits™

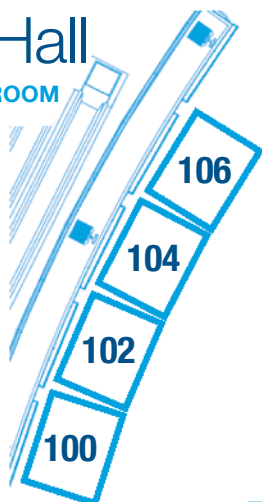
Accreditation Statement: This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint provider-ship of Amedco and Health Care Conference Administrators (HCCA). Amedco is accredited by the ACCME to provide continuing medical education for physicians.

Certificate of Attendance: Attendees can request a Certificate of Attendance which they can file with appropriate entities for credit.

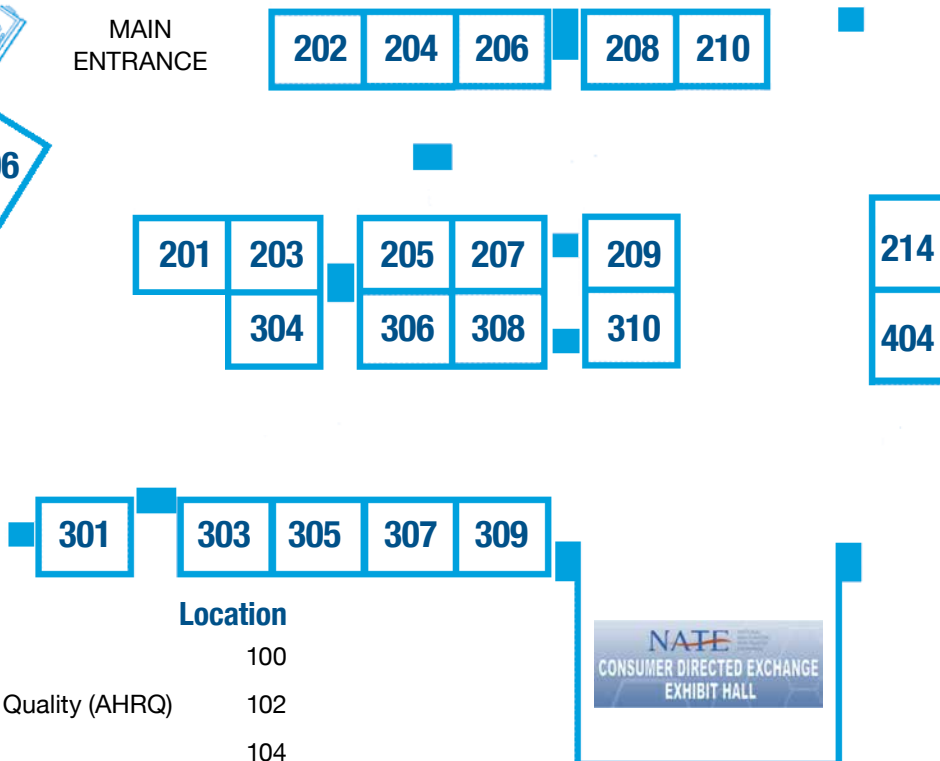
Stop by the Registration Desk for more information about Continuing Education Credits and how to get your credits/certificate.

Exhibit Hall

COLUMBIA BALLROOM



MAIN
ENTRANCE



Exhibitor

Location

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National Association for Trusted Exchange Consumer Directed Exchange Exhibit Hall (CDE Exhibit Hall)	

Exhibit Viewing Hours

THURSDAY, APRIL 27:	10:00 a.m. – 7:00 p.m.
FRIDAY, APRIL 28:	7:00 a.m. – 10:30 a.m.

Events in the Exhibit Hall

THURSDAY, APRIL 27:	
Morning Break:	10:10 a.m. – 10:30 a.m.
Transition Break & Lunch Pickup:	11:45 a.m. – 12:15 p.m.
Afternoon Break:	2:15 p.m. – 2:45 p.m.
Transition Break:	4:00 p.m. – 4:15 p.m.
Networking Reception:	5:30 p.m. – 7:00 p.m.
FRIDAY, APRIL 28:	
Continental Breakfast:	7:00 a.m. – 8:00 a.m.
Morning Break:	10:00 a.m. – 10:30 a.m.

2017 Health Datapalooza Exhibitors



AcademyHealth

AcademyHealth

Booth 201

AcademyHealth is the leading national nonprofit organization serving the fields of health services and policy research and the professionals who produce and use this important work. Together with its members, AcademyHealth works to improve health and the performance of the health system by supporting the production and use of evidence to inform policy and practice.

Agency for Healthcare Research and Quality (AHRQ)

Booth 102

The Agency for Healthcare Research and Quality's (AHRQ) mission is to produce evidence to make health care safer, higher quality, more accessible, equitable, and affordable, and work within the U.S. Department of Health and Human Services and with other partners to make sure that the evidence is understood and used.

American Health Information Management Association (AHIMA)

Booth 308

The American Health Information Management Association (AHIMA) represents more than 103,000 health information professionals in the US and around the world. AHIMA is advancing informatics, data analytics, and information governance to achieve the goal of providing expertise to ensure trusted information for healthcare. www.ahima.org

Centers for Medicare and Medicaid Services (CMS)

Booth 309

The Office of Enterprise Data and Analytics (OEDA) within the Centers for Medicare & Medicaid Services (CMS) is responsible for helping harness the wealth of data that CMS collects. OEDA develops publicly available data and information products from CMS data and supports secure and appropriate access to CMS data resources.

CMS Chronic Condition Warehouse and Virtual Research Data Center

Booth 305

The CMS Chronic Condition Data Warehouse (CCW) and Virtual Research Data Center (VRDC) provides researchers with Medicare and Medicaid data linked by beneficiary. Managed by HealthAPT (joint venture between NewWave Technologies and General Dynamics Health Solutions), healthcare management services include: database architecture, data access/dissemination, applications, security, and data science services.



National Association for Trusted Exchange Consumer Directed Exchange Exhibit Hall

CDE Exhibit Hall

This exciting new exhibition space facilitated by NATE showcases consumer controlled solutions that are ready for adoption today and those that are emerging for tomorrow. More than a dozen different organizations have come together to show how the many diverse capabilities and methods that make up Consumer Directed Exchange can enable patients to be better informed, more engaged and healthier!

Deloitte.

Deloitte

Booth 214

Deloitte professionals guide federal health organizations, traditional health care and life science companies, and new market entrants in navigating the complexities of the health care system. As market, political, and legislative changes alter the industry, we help our clients develop innovative and practical solutions.



Department of Veterans Affairs Health Services Research and Development Service

Booth 301

VA'S Health Services Research and Development Service (HSR&D) is an integral part of VA'S comprehensive research portfolio. HSR&D supports research that underscores all aspects of VA healthcare. Ultimately, HSR&D research seeks to identify, evaluate, and rapidly implement evidence-based strategies that improve the quality, safety, and delivery of care for our nation's Veterans.



HealthCost

HealthCost

Booth 304

HealthCost is the only network offering an open marketplace for setting, comparing and locking-in healthcare costs. Like other transparent, open markets, consumers and providers (as buyers and shoppers) now drive costs and demand. HealthCost providers have the freedom to set their own prices and reach new consumers, no matter how, or if, they are insured. HealthCost consumers have the freedom to comparison shop and lock-in prices with any provider they choose. Visit HealthCost.com today.

HealthDataViz

Booth 209

HealthDataViz harnesses the best practices of data visualization to design and build dashboards, reports, and infographics exclusively for health and healthcare organizations. Expert in the science of how people see and understand data, we create visualizations that are clear and compelling using software tools including Tableau®, SAS® Visual Analytics, and Qlik®.

HealthInformatics@GW

Booth 306

HealthInformatics@GW is the online Master of Science in Management of Health Informatics and Analytics program offered by the renowned Milken Institute School of Public Health at the George Washington University. The online degree program is designed for adult learners who have three or more years of clinical or administrative experience in health care delivery or experience working in data analytics or IT.



HHS IDEA Lab

Booth 203

The HHS IDEA Lab promotes the use of innovation, data, and technology across the U.S. Department of Health and Human Services to create a more modern and effective government that works to improve the health of the nation. More at hhs.gov/idealab and @HHSIDEALab.

Ingine

Booth 310

Ingine, Inc. a startup venture brings to market The BioIngine. com™; a High Performance Cloud Computing Platform delivering healthcare analytics, particularly deep learning experience based on Hyperbolic Dirac Net (HDN), a mathematical machinery derived from Quantum Mechanics. It creates a comprehensive analytical experience covering both Patient and Population Health, based on evidence based thinking and reasoning. www.bioingine.com

The Leapfrog Group

Booth 303

The Leapfrog Group is a nonprofit driving a movement for giant leaps forward in the quality and safety of American health care. The Leapfrog Hospital Survey collects and reports performance from over 1,800 hospitals nationally and empowers purchasers to find the highest-value care. The Hospital Safety Grade is a consumer-friendly rating that grades 2600+ hospitals based on their patient safety record. www.leapfroggroup.org/data-users



National Cancer Institute (NCI)

Booth 100

The NCI coordinates the National Cancer Program, which conducts and supports research, training, health information dissemination, and other programs with respect to the cause, diagnosis, prevention, and treatment of cancer, rehabilitation from cancer, and the continuing care of cancer patients and the families of cancer patients. www.cancer.gov



National Pharmaceutical Council (NPC)

Booth 210

The National Pharmaceutical Council is a health policy research organization dedicated to the advancement of good evidence and science, and to fostering an environment in the United States that supports medical innovation. Founded in 1953 and supported by the nation's major research-based pharmaceutical companies, NPC focuses on research development, information dissemination, and education on the critical issues of evidence, innovation and the value of medicines for patients.

NHS England & NHS Digital

Booth 208

For the fifth year running, a hand-picked delegation of UK companies will be showcasing solutions and services that are transforming the delivery of health and care. With its comprehensive National Health Service (the NHS), serving a diverse population across a range of care settings, the UK is uniquely positioned as a testbed of innovation and at the forefront of the growing digital health industry.

OCHIN

OCHIN

Booth 104

Nonprofit OCHIN is one of the largest, most successful health information and innovation networks, serving over 170 U.S. organizations and 10,000 clinicians with solutions to improve integration and delivery of health care services. OCHIN started with a commitment to deliver health IT services and continues to provide innovative tools.



Patient-Centered Outcomes Research Institute (PCORI)

Booth 207

The Patient-Centered Outcomes Research Institute (PCORI) is an independent, nonprofit organization authorized by Congress in 2010. Its mission is to fund research that will provide patients, their caregivers and clinicians with the evidence-based information needed to make better-informed healthcare decisions. PCORI is committed to continuously seeking input from a broad range of stakeholders to guide its work.



PROMETHEUS Analytics

Booth 206

The PROMETHEUS Analytics© can be used for multiple purposes, ranging from supporting claims processing activities tied to bundled payment programs, all the way to calculating budgets for PROMETHEUS Payment implementations, and more generally evaluating the effectiveness and efficiency of providers.



PwC

Booth 202

Imagine the power of 229,000 people in 157 countries with a common purpose...building relationships that create value for you and your business. This is who PwC is. We work with you to build the value you are looking for. PwC's healthcare consulting focuses on health services (payer and provider), pharmaceutical and life sciences in both the public and private sectors, as well as new market entrants in our new health economy practice.

Research Data Assistance Center (ResDAC) Booth 307

ResDAC, a CMS contractor at the University of Minnesota, provides assistance to researchers interested in using Medicare and Medicaid data. ResDAC offers individual consultation and education with the goal of improving the Medicare/Medicaid programs and the health of their beneficiaries.



Softheon

Booth 106

Empowering the nation's first state health benefit exchange since 2008, Softheon's vision and strategic direction address healthcare payer, provider, and government agencies' goal of meeting Affordable Care Act (ACA) milestones. Softheon provides HIX Integration, Direct Enrollment, Premium Billing, and Edge Server solutions for insurance carriers of all sizes participating in Federal and State Health Insurance Exchange (HIX) Marketplaces. Softheon's Marketplace Connector Cloud (MC2) has been trusted by health plans in all 50 states as an accelerated federal, state, and private exchange integration platform. Softheon MC2 is a Software-as-a-Service (SaaS) solution where insurers pay a one-time activation and ongoing PMPM fees for exchange members only, while eliminating most, if not all, risks associated with ACA enrollment compliance.

Surescripts

Booth 208

Surescripts' purpose is to serve the nation with the single most trusted and capable health information network. Since 2001, Surescripts has led the movement to turn health data into actionable intelligence to increase patient safety, lower costs and ensure quality care.



Torch Insight™

Booth TBD

Torch Insight™ is a Leavitt Partners' data solution offering access to an integrated data warehouse and analytics suite that solves the current fragmented nature of healthcare data resources. We understand the evolving healthcare system and provide accurate data and user-friendly tools for analysts and decision-making executives. We provide access to proprietary data including 1000+ ACOs, aggregated claims, and hospital-physician group-post-acute care affiliations.



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ONLINE ARCHIVE ACCESS



\$129 on-site price

\$195 post-conference price

Access the online archive from any computer via the Internet for 6 months from date of purchase. Online access includes video with synchronized slides of general sessions and audio of preconference, mini summit and concurrent sessions. PDF of speaker presentations are also included.*

CONFERENCE FLASH DRIVE



\$129 on-site price

\$195 post-conference price

Actual Flash Drive may be different than photo shown

Conference Flash Drive includes video with synchronized slides of general sessions and audio of preconference, mini-summit and concurrent sessions.

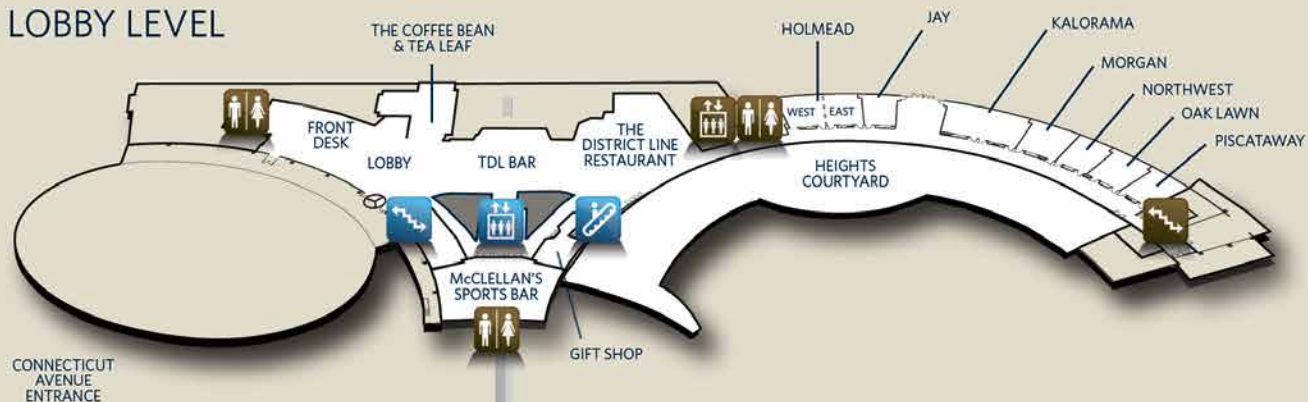
The drive also includes PDF files of speaker presentations in an easy to use interface.*

** All presentations which have been authorized by presenters.*

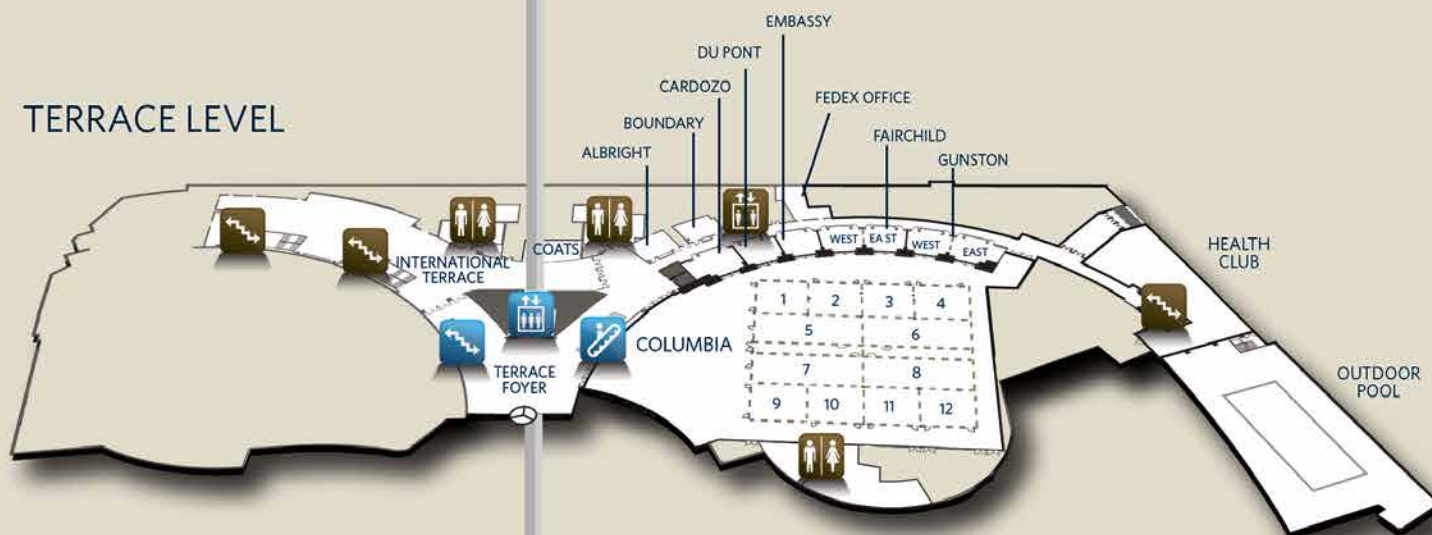
FLOORPLAN

WASHINGTON HILTON

LOBBY LEVEL



TERRACE LEVEL



CONCOURSE LEVEL

