

## **2017 Health Datapalooza Conference Tracks & Track Descriptions**

### **1. From Health Care to Health: Value-Based Systems Transformation**

Changing populations, dynamic payment models, and new interest in 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. New organizational structures are emerging to improve quality, safety, and outcomes while transitioning to value-based care. This track invites submissions to share:

- Systems improvements and organizational changes that streamline technology adoption, data generation, and public reporting;
- New methods to implement clinical research information management to improve data integration and exchange;
- Usability and user-centered design studies that led to process improvements and better patient and provider experiences;
- Studies that improve understanding of social and organizational factors in change management for technology adoption and data generation;
- Improvements related to design, development and implementation of EHRs and clinical decision support;
- Assessments of changing ROI from systems integration.

### **2. 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 invites submissions to share approaches to:

- Patients accessing their own records;
- Mobile health, including social media, wearables, telehealth, and other innovative interactive technologies;
- Demonstrating return on investment in consumer-facing technologies
- More meaningful measurement of care experience

### **3. 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. This track invites submissions that share:

- New data science and computational methods and models;
- Implications of increased data sharing for EHR design and usability, organizational structures, and workforce development;
- Policies and protocols to share data while protecting participant privacy;
- Other, e.g., updates on data-intensive applications and challenges related to cancer moonshots.

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### **4. 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. This track invites submissions that describe:

- Community-based and systems level initiatives involving data sharing and integration approaches from multi-sector partners;
- The application of new tools, services and approaches to data integration from multiple sectors and sources;
- Implementing and tracking progress of multicomponent programs
- Approaches to partnership development and community engagement that facilitate data sharing and use.

### **5. 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 invites submissions that feature:

- Technology adoption and implementation strategies at the national and regional levels;
- Tools, services policies and strategies for integrating health and social care;
- Multi-lateral and multi-sector policy initiatives to promote data sharing;
- Management of public and provider expectations about the availability of clinical data.

### **6. 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, and 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 healthcare are surfacing tensions and important discussions about the value of data sharing, and the best ways to ensure privacy and security safeguards for personal health information. This track invites submissions that share:

- Opportunities for new “unrestricted-use” data sets
- New consent processes, procedures, and tools;
- Best practices in interoperability and systems security;
- Advancing data stewardship and governance;
- New guidance, tools, and interpretations of regulatory and oversight procedures in the new data sharing ecosystem;
- Approaches to breach prevention and management.